

ANIMAL BEHAVIOR SOCIETY

GUIDE TO PROGRAMS IN ANIMAL BEHAVIOR

Last updated 02/21/2008

This Guide is intended to aid students interested in pursuing undergraduate or graduate opportunities in animal behavior. It is meant as a **first step** in choosing an appropriate program. While the Guide focuses on graduate programs, the undergraduate should also find this information helpful since most universities with significant graduate programs will also have undergraduate courses and electives taught by animal behavior faculty.

Each program listed in the Guide contains:

- a) A general overview of the program, including specialized focus(es).
- b) Web page URL for additional program information
- c) Degrees offered
- d) Special facilities of interest to animal behavior researchers
- e) Application deadline information
- f) Contact information for queries

Listings are organized by country, state/province, and institution. Entries are program-level (i.e. a university offering programs through both Biology and Psychology will have two listings).

Information contained herein is not updated as frequently as program web pages and will therefore not be as current. The student is strongly encouraged to visit the listed URL prior to contacting an institution or faculty.

How to use this guide:

The student should browse listings, noting programs of interest due to their geographic location, focus, application deadline, or whatever first-pass criteria are important.

After identifying a program of interest, the student should visit the WEB URL for specific program information. In particular it is important to investigate faculty and research projects. Most institutions recommend (and many insist) the student contact relevant faculty and obtain their support prior to applying for graduate school. Entrance requirements should be checked, application deadlines confirmed, the availability of and procedures for obtaining funding noted, and potential faculty advisors identified. The student should then (unless otherwise indicated by the program) contact appropriate faculty to introduce his or her experience and interests, and suggest possible directions for future research.

Other resources:

for students interested in opportunities with zoos and aquariums:

American Zoo and Aquarium Association

<http://www.aza.org>

for students interested in neuroscience programs

Directory of Neuroscience Training Programs

<http://www.andp.org/programs/gradalpha.htm>

for students interested in field stations

Organization of Biological Field Stations

<http://www.obfs.org/>

ALABAMA

USA

Auburn University

Biological Sciences Department

Degrees Offered: MS, PhD

http://www.auburn.edu/academic/science_math/biology/dbs/index.html

The Department of Biological Sciences in the College of Sciences and Mathematics offers graduate training leading to M.S. (thesis and non-thesis) and Ph.D. degrees in biological sciences. Areas of specialization include aquatic invertebrate ecology, biology of endangered species, biotechnology and genetic engineering, cellular and organismal physiology, cytology and ultrastructure of plants, developmental biology, ecology, environmental microbiology, ethology and herpetology, eukaryotic and prokaryotic molecular genetics, genetics, immunology, mammalogy, mechanisms of plant stress physiology, microbial epidemiology, and molecular mechanisms of plant-microbial interactions, molecular systematic botany, molecular virology, organelle molecular biology, parasitology, plant conservation biology, terrestrial plant ecology, and tropical biology.

The graduate program provides a solid foundation in formal course instruction in preparation for independent research. Students usually complete the master's program in two to three years and the doctoral program in five years. Interdisciplinary graduate minors are available in plant molecular biology; biochemistry, cell and molecular biology; ecology; and environmental science.

Contact: Dr. Jack Feminella

feminjw@auburn.edu

Most of the offices and laboratories of the department's graduate research and teaching faculty are housed in Funchess Hall, Cary Hall, the Physiology Building, and the Rouse Life Science Building. The Auburn University Hybridoma Facility is available for monoclonal antibodies. In addition, Biological Electron Microscopy Imaging Facility, PCR and Sequencing, and GLC-spectrometry and NMR facilities are available. A cooperating marine laboratory, the Dauphin Island Sea lab, is located on Dauphin Island, AL. The University holds memberships to the Alabama-Mississippi Marine Consortium, which enables students to work at the Gulf Coast Research Laboratory in Ocean Springs, Mississippi, and to the Organization for Tropical Studies, which operates the La Selva Field Station in Costa Rica. The department maintains extensive collections of animal specimens for teaching and research. A herbarium, research greenhouses, and growth chambers are also available. Students have complete access to facilities providing statistical analysis, computer programming, and mainframe computer communication. The department maintains an on-campus facility for housing research collections of animals, and numerous other facilities, and field study sites.

Application Deadlines:

To ensure adequate time for financial aid consideration (GTA or GRA) applications are due at least 6 months prior to the first semester of enrollment (e.g., by Feb 1 for Fall enrollment). If possible, we recommend an on campus interview.

ALABAMA

USA

Auburn University

School of Forestry and Wildlife Sciences

DegreesOffered: MS, PhD

<http://www.sfws.auburn.edu/graduate/index.htm>

Our research program is designed to utilize key expertise and programs within the School of Forestry and Wildlife Sciences to address critical natural resource issues at state, regional, national, and global scales. Research strengths of the School are centered within six discipline areas: biometry, forest biology, forest economics/policy, forest engineering, products, and wildlife sciences. Foci are diverse and include carbon sequestration, forest tax policy and timber supply / demand projections, hardwood stand management, improved harvesting systems, game bird management, landscape ecology and spatial analyses, longleaf pine regeneration, modeling of carbon cycling, management of nuisance wildlife, restoration of degraded ecosystems, seedling nursery practices, urban development impacts, water and air quality, and whitetail deer ecology and management among others. While the research program has always been a critical component of the School, activities are rapidly increasing as evidenced by 39% and 137% increases in average annual graduate enrollment and extramural funding respectively in 2004. Finally, we welcome you to our research site and invite you to browse through our list of projects or search by keywords for particular topics of interest. You will find links to individual faculty and graduate student email addresses and they will be more than happy to provide you with additional information. Thanks for your interest!

Contact: Department (334) 844-1006 sfwsgpo@auburn.edu

The School of Forestry and Wildlife Sciences is in the process of building a new state-of-the-art facilities

ApplicationDeadlines:

Applications for admission may be made online at www.grad.auburn.edu

ALASKA

USA

University of Alaska - Fairbanks

Biology and Wildlife Department

DegreesOffered: MS, MAT, PhD

http://www.bw.uaf.edu/bw_graduate.html

The Institute of Arctic Biology (IAB), established by the Alaska Legislature and the University of Alaska Board of Regents in 1962, supports faculty research and graduate education in biological, wildlife, and health sciences at UAF.

IAB provides platforms for research in programs from ecology and ecosystems to molecular biology and genetics, including field stations, small and large animal facilities, and core laboratories for geographic information systems (GIS) and DNA sequencing.

Major programs include the Center for Alaska Native Health Research, Alaska Basic Neuroscience Program, Human Dimensions of Arctic Systems, and the Center for Molecular Genetic Studies of Hibernation.

Contact: Department fybio@uaf.edu (907) 474-7671

ApplicationDeadlines:

ARIZONA

USA

Arizona State University

Department of Life Sciences

DegreesOffered: MNS, MS, PhD

<http://sols.asu.edu/grad/gradapp.php>

The School of Life Sciences is divided into six faculties in order to promote research opportunities for the approximately 230 graduate students in the School. Reflecting the broad biological interests of the School, most of the research areas are interdisciplinary research programs spanning multiple faculties and often including faculty from other Departments and Schools.

Contact: Department

sols.grad@asu.edu

Insect Collection, Life Sciences Living Collection (Arizona native rattlesnakes as well as desert tortoises, lizards, and other snakes), Vertebrate Collection (emphasis on species that are threatened or endangered), Life Sciences Visualization Laboratory, Darkroom Facilities, DNA Laboratory Resource, Core Neural Engineering Laboratories, Growth Chamber and Greenhouse Facilities, Desert Botanical Garden,

ApplicationDeadlines:

ARIZONA

USA

Arizona State University

Psychology Department

DegreesOffered: PhD

<http://www.asu.edu/clas/psych/gprogram/>

Although students obtain a masters degree in the process of completing work toward the doctorate, we do not offer a terminal masters degree. Each of the academic programs seeks to develop the following skill sets: scholarship (knowledge of the history and contemporary nature of the respective fields), critical thinking (the ability to independently evaluate data and theoretical models), facility with empirical methods, creativity, and the highest ethical standards in the conduct of research. In addition, the Clinical program aims to prepare sensitive, ethical, and skilled scientist-practitioners, and is accredited by the American Psychological Association.

The overarching objective of all degree-granting program areas is to provide thorough and highly individualized training (via strong mentoring relationships) that will prepare graduates for careers in Research 1 universities, in applied settings (such as hospitals and medical schools), in business, governmental, and industrial settings, and in smaller, liberal-arts colleges. By bringing together a select and diverse group of graduate students and allowing them to work closely with our equally select and diverse faculty, we expect to contribute significantly to both science and education. By means of active collaboration with a highly productive faculty, graduate students acquire more than technical expertise; they become co-creators of useful knowledge and guarantors of psychology's future. Graduate students also play a key role in the process of mentoring ASU undergraduates, particularly through the mechanism of undergraduate research apprenticeships.

Applications to the clinical program must be received by December 15th and applications to all other programs must be received by January 5th.

Contact: Department

psygrad@asu.edu

ApplicationDeadlines:

The ASU Graduate College Application is available online at <http://www.asu.edu/gradapp>

Applications to the clinical program must be received by December 15th and applications to all other programs must be received by January 5th.

ARIZONA

USA

Northern Arizona University

Department of Biological Sciences

DegreesOffered: BS, MS, PhD

<http://www3.nau.edu/biology/index.htm>

These programs are enhanced by NAU-Flagstaff's location in northern Arizona, where you'll discover an environment conducive to both academic and personal development. The San Francisco Peaks (to 3,852m) tower above Flagstaff and NAU. The Colorado River traverses the Grand Canyon only 75 miles from Flagstaff. Vast networks of canyons and mesas, mountains and meadows, and lakes and ponds harbor a rich diversity of environments and organisms. Habitats ranging from alpine tundra to Sonoran Desert are readily available for field studies. In addition, lab-based projects use contemporary training in microbial, molecular, and cellular biology techniques, which complement studies directed at the organism and ecosystem levels.

Our faculty in biology comprises specialists in the field and lab disciplines of botany, zoology, and microbiology. These faculty members combine high-quality teaching programs with strong and productive research and participate with faculty from other departments in interdisciplinary programs. Our cordial and frequent faculty-student interactions foster an atmosphere of free exchange among scholars at all levels.

Contact: Lucinda Topham

lucinda.topham@nau.edu

Avian Cognition Laboratory, Colorado Plateau Museum of Arthropod Diversity, Cottonwood Ecology Group

ApplicationDeadlines:

If there is no departmental application deadline, submit your Application for Graduate Admission at least six weeks before you plan to attend NAU. Applying online using our secure server is the fastest and most reliable method for submitting your application. <http://www.nau.edu/gradcol/apoptions.htm>

ARIZONA

USA

University of Arizona - Tucson

Ecology and Evolutionary Biology

DegreesOffered: MS, PhD

<http://grad.arizona.edu/catalog/depts/view.php?dept=ecol>

The department offers programs leading to the Master of Science and the Doctor of Philosophy degrees with majors in ecology and evolutionary biology. Instruction and research areas include animal behavior, community ecology, comparative genomics, evolutionary theory, functional morphology, molecular evolution, phylogenetic biology, physiological ecology, population genetics, population ecology, and systematics. Methods of research involve laboratory experiments, field observations and experiments, comparative biology, and computer and mathematical modeling. Organismal foci within the department involve the following groups: plants, vertebrates, arthropods and micro-organisms.

Contact: Suzanne LaClair

(520) 621-1165

slaclair@email.arizona.edu

Field work is facilitated by the following facilities: Coronado Ranch (in the Chiricahua Mountains), Desert Laboratory (on Tumamoc Hill, Tucson, Arizona), Marine Biology Station at Puerto Penasco (Sonora, Mexico), Research Ranch (Elgin, Arizona), Southwestern Research Station (Portal, Arizona), Santa Rita Experimental Station. The department maintains excellent collections of fishes, amphibians, reptiles, birds, and mammals with strong representation in the fauna of the Southwest. An extensive herbarium is shared with the College of Agriculture

ApplicationDeadlines:

Domestic Summer/Fall: January 15

International Summer/Fall: December 1

No spring admissions

University of Arizona - Tucson

Entomology

DegreesOffered: MS, PhD

<http://grad.arizona.edu/catalog/depts/view.php?dept=ento>

The department offers programs leading to the Master of Science and Doctor of Philosophy degrees with a major in entomology. Faculty interests include insect behavior, ecology, evolution, physiology, and systematics; integrated pest management; aquatic entomology; biochemical toxicology; biological control; chemical ecology; pesticide use information; resistance management; social insect biology and urban entomology. Research opportunities with insects also exist in the departments of Biochemistry, Ecology and Evolutionary Biology, the Committee on Neuroscience, and the Program in Insect Science. The Center for Insect Science provides opportunities for collaborative research with a large group of insect scientists in the state.

Contact: Patricia L. Baldewicz

pbaldewi@ag.arizona.edu

Facilities for field studies include University Agricultural Centers in Maricopa (MAC) and Yuma (YAC) and a farm with an entomology lab 3 miles from campus. Four faculty members are stationed off-campus: Peter C. Ellsworth (MAC), Dawn H. Gouge (MAC), David L. Kerns (YAC), and John C. Palumbo (YAC). Natural habitats can be studied on University land in the Sonoran Desert and in the rangelands and canyons of the Santa Rita Mountains. Several excellent field centers are available in the diverse biomes of Southern Arizona.

ApplicationDeadlines:

Domestic Fall: December 1

International Fall: October 1

No Summer/Spring admission

CALIFORNIA

USA

California State University

Biological Sciences

DegreesOffered: MA, MSc

<http://aaweb.csus.edu/catalog/current/PROGRAM/BIO.asp>

Biological Sciences includes all aspects of the scientific study of life. The structure, function, and behavior of organisms are studied at the molecular, cellular, organismal, and environmental levels.

The graduate program provides an opportunity to receive advanced training and to pursue independent research investigations in the student's specialized area of interest.

Contact: Nancy Angell, Administrative Support (916) 278-6535
Coordinator

There are 18 laboratories specially designed to serve the various courses.

Support facilities include an entomology museum containing over 30,000 specimens; a vertebrate ectotherm museum containing several thousand specimens (fish, reptiles and amphibians); a vertebrate endotherm museum containing over 1,900 mammal specimens and 2,500 bird specimens; a greenhouse containing a teaching collection of over 4,000 plants; and an arboretum.

The Sierra Nevada and the Pacific Coast are equally accessible from Sacramento, providing field biology students the opportunity to study an extraordinary number of varied habitats.

CSUS is one of the seven participating CSU campuses at Moss Landing Marine Laboratories (MLML) near Monterey.

ApplicationDeadlines:

CALIFORNIA

USA

California State University - East Bay

Department of Biological Sciences

DegreesOffered: MS

<http://esweb.csueastbay.edu/Polaris/default.aspx?tabid=44>

The Master of Science degree in Biological Science offers students the opportunity to obtain advanced academic and research experience in specialized areas of biological science. Biological Science is a fast-changing, exciting field offering students numerous options for rewarding careers and future advancement. Examples of M.S. study areas in the department are environmental biology, general ecology, population biology, marine ecology, insect ecology, plant and animal ecology, physiological biology, cell and molecular biology, plant and animal physiology, microbiology, genetics, and immunology.

The M.S. degree in Marine Science is offered at Moss Landing Marine Laboratories, located on Monterey Bay, for students from Cal State Hayward and seven other California State University consortium schools. Graduate students from Cal State Hayward may also take such courses at Moss Landing as are appropriate for their degree objectives. Contact the Biological Sciences Department for application forms and deadlines for this program.

Contact: Susan B. Opp, Graduate Coordinator (510) 885-3471

Department facilities for student research and study include invertebrate, vertebrate, and entomology museums; herbarium; greenhouse; insectary; histology, transmission and scanning electron microscope labs; radiation hot lab; microbiology facilities including those for anaerobic culture; cell culture facilities; animal rooms; molecular biology labs; and DNA sequencing facilities. Local field opportunities may be found at a wetlands field station at the San Francisco Bay National Wildlife Refuge, the brackish and salt water marshes of the Hayward Regional Shoreline of San Francisco Bay, and a 35-acre oak-grassland preserve located immediately adjacent to the Hayward campus and contiguous with Garin Regional Park (one of the East Bay Regional Parks).

ApplicationDeadlines:

California State University - Northridge

Biology

DegreesOffered: MS

<http://www.csun.edu/~hfbio002/grad/>

Our master's degree program is research oriented. The requirements for the master's degree include seminars that discuss the primary literature, courses on presenting and analyzing biological data, and a thesis that is an original contribution to the field.

Contact: Dr. Larry Allen

larry.allen@csun.edu

ApplicationDeadlines:

The admission process must be initiated by October 15th for the following Spring semester or March 15th for the following Fall semester.

CALIFORNIA

USA

California State University - San Bernadino

Biology

DegreesOffered: MA

<http://biology.csusb.edu/grad.htm>

The Master of Science in Biology is designed to provide the flexibility required to develop specific course programs and acceptable thesis research proposals based upon the individual graduate student's interests and background. The general goal of the program is to provide the student with opportunity for improvement of competence, development of the ability to continue self-directed study, and development of intellectual responsibility in preparation for professional leadership in biology.

The graduate program in biology provides training in various concentrations of current research interest in molecular and population genetics, physiology, immunology, molecular biology, population and systematic ecology, neurobiology, plant and animal developmental biology, cellular biology, vertebrate morphology and paleontology and science education.

Contact: Dr. Stewart Sumida, Graduate Coordinator (909) 537-5346 ssumida@mail.csusb.edu

Animal Facility, Tribolium On-Line.

ApplicationDeadlines:

Application deadlines for fall, winter and spring quarter admission are May 1, October 1, and January 15, respectively.

Loma Linda University

Department of Earth and Biological Sciences

DegreesOffered: MS, PhD

<http://www.llu.edu/llu/grad/natsci/bio.html>

Graduate degrees offered by the biology program include an MS and a PhD in biology and a PhD in biology with an emphasis in paleontology. The research interests of biology faculty include molecular biosystematics, ecological physiology, behavioral ecology, herpetology, marine biology, ichnology, and taphonomy. Students may also choose projects with associate faculty in such LLU departments as microbiology, anatomy, physiology, immunology, and in the Graduate biology program at Andrews University.

Contact: Department (909) 558-4529

Students may also choose projects with associate faculty in such LLU departments as microbiology, anatomy, physiology, immunology, and in the Graduate Biology Program at Andrews University.

ApplicationDeadlines:

Your application must be complete by March 31 to be fully considered for departmental aid for the following school year. Application materials may be obtained directly from the Graduate School admissions office:

Graduate School admissions
Loma Linda University
Loma Linda, CA 92350
USA
(909) 558-4529

CALIFORNIA

USA

Moss Landing Marine Laboratories

Moss Landing Marine Laboratories

Degrees Offered: MA, MS

<http://www.mlml.calstate.edu/pg/Welcome-to-MLML/>

MLML provides a unique educational program for training students in marine sciences. Undergraduates from the seven consortium California State University campuses (Fresno, Hayward, Monterey Bay, Sacramento, San Francisco, San Jose, and Stanislaus) can enroll in classes at MLML, however, most MLML students are pursuing Masters of Science degrees (MS). The MS in Marine Science degree at MLML prepares students for jobs as research scientists, teachers, or technicians, with approximately one third of graduating students continuing on to Ph.D. programs. The strength of the MLML program is the combination of a theoretical education in a classroom setting with a practical education in the field and laboratory. The emphasis on field research is exemplified by the excellent availability of many local marine habitats, including sandy beaches, estuaries, submarine canyons, rocky coastlines, and subtidal kelp forests.

The M.S. degree program is administered through MLML and a consortium campus. Students can choose Biological Science, Geological Science, Natural Science, or another appropriate department. The prospective student must meet the entrance requirements for the department and will be accepted into Conditionally Classified graduate status by normal procedures at that campus. (Refer to campus catalogues for complete information.) The student will become classified upon completion of MLML's requirements.

Contact: Donna Kline, Graduate Coordinator (831) 771-4400 frontdesk@mlml.calstate.edu

Application Deadlines:

Completed graduate applications must be received at MLML by October 15 for spring semester and March 15 for fall semester. Each consortium campus has different application deadlines and prospective students must contact the selected campus to insure that his/her application meets both the home campus deadline and the MLML deadline. All students must be registered through one of the seven consortium campuses to attend MLML.

CALIFORNIA

USA

San Diego State University

Behavioral and Cognitive Neuroscience

DegreesOffered: MA

<http://www.psychology.sdsu.edu/BiopsychProg.html>

A core group of faculty within the Psychology Dept. are trained in the areas of behavioral and cognitive neuroscience and offer graduate training to students admitted to our Master's program. These faculty use a variety of behavioral, neuroanatomical, neurochemical, imaging, neuropsychological and electrophysiological techniques. Several members of Behavioral and Cognitive Neuroscience have a research focus on the effects of alcohol on brain and behavior. Specifically, we have a Center for Behavioral Teratology, which examines the effects of prenatal drug exposure on brain and behavioral development, and a Behavioral Neurobiology Section which focuses on the mechanisms of alcohol and thiamine deficiency-related neuropathology and the role of thalamic and cerebellar lesions to cognitive and mnemonic deficits. We also have faculty conducting studies on the life-span aging of the senses and Alzheimer's disease.

Members of the program have research funds provided by NIH, the VA, and the State of California. The program provides excellent preparation for a Ph.D. in Biopsychology or the Neurosciences. Furthermore, the program prepares students who do not wish to pursue a Ph.D. for placement in the growing biotechnology field.

Contact:

Cetacean Behavior Laboratory

ApplicationDeadlines:

We admit students for fall semester only. The graduate application deadline is February 1.

San Diego State University

General

DegreesOffered: MA

<http://gra.sdsu.edu/Graduate/admissions/>

Last year, faculty members were awarded over \$145 million in grants and contracts, and reported close to 1,500 research projects under way. SDSU's teacher-scholar model ensures that you receive instruction from and collaborate on research projects with top faculty. Furthermore, our interesting geographic location, cosmopolitan context and widely diverse population provide unique opportunities for field work and applied inquiry.

Contact: <http://www.csumentor.edu/AdmissionApp/>

ApplicationDeadlines:

Fall Deadline

Domestic Applicants: March 1

International Applicants: March 1

Spring Deadline

Domestic Applicants: October 1

International Applicants: October 1

CALIFORNIA

USA

San Diego State University

Joint Doctoral Program in Ecology

DegreesOffered: MS, PhD

http://gra.sdsu.edu/Graduate/admissions/departments/ecology_phd.html

Graduate studies in ecology at SDSU emphasize the following three areas:

Conservation and Restoration Ecology

SDSU is geographically located in a region that has a serious need and virtually unlimited opportunities for research directed at the restoration and conservation of native habitats in the face of continuing population encroachment, environmental pollution, and land mismanagement. Nine full-time Ecology faculty and three part-time faculty are currently engaged in research focused on problems in conservation or restoration ecology. Furthermore, there is access to a diversity of both natural and restored habitats that is unmatched by any institution in the country. The various natural ecosystems present in southern California make it one of the richest regions of the country with respect to biodiversity. The program maintains field stations and facilities to support research in several critical habitats to support research in these habitats (see below).

Coastal Marine Ecology

SDSU is recognized as a major Pacific center for the study of coastal marine ecology. Our local coastlines have some of the richest marine biodiversity in the nation, and our shores support high recreational usage. However, the coastline of southern California has been seriously affected by development and by over exploitation of marine resources, and our valuable tourism industry is threatened by pollution. San Diego Bay is one of the most polluted in the nation, and the City of San Diego is struggling to bring sewage treatment and ocean discharge in line with federally-legislated requirements. Five full-time Ecology faculty are currently engaged in research focused on problems in conservation or restoration ecology. The program has made a substantial investment in and contribution to the understanding of the coastal marine ecology of the San Diego area that is unmatched by other local institutions. The Coastal marine ecology is supported by SDSU's research diving program, Hubbs-Sea World Research Institute, and other departmental resources (see below).

Ecosystem Ecology and Global Change

SDSU has a strong historic and current reputation in ecosystem ecology and in the response of ecosystems to global change. There are five Ecology faculty who have a primary interest in this area. Ecosystem ecology and global change research not only involve ecosystem ecologists, but others interested in how their organisms or processes contribute to a higher level of organization. SDSU has access to unique ecosystems and a landscape gradient from mountains to the ocean through both undeveloped and developed habitat. The field stations enable us to exploit these research settings and much of the technical equipment to address problems in global change (large scale CO₂ field chambers, CO₂ controlled growth chambers), and access to and ongoing working arrangements with facilities for remote sensing in Geography and Geology are available.

Contact: Walter C. Oechel, Coordinator of the
Ecology Doctoral Program

oechel@sciences.sdsu.edu

The Santa Margarita Ecological Reserve.
The Sky Oaks Biological Research Station
Pacific Estuarine Research Laboratory
Coastal Marine Institute
Global Change Research Group
Soil Ecology and Restoration Group

ApplicationDeadlines:

Fall Deadline

CALIFORNIA

USA

Domestic Applicants: December 1
 International Applicants: December 1

Spring Deadline
 Domestic Applicants: closed
 International Applicants: closed

San Francisco State University

Biology

DegreesOffered: MS, MA

<http://www.sfsu.edu/~biology/pages/grads.html>

Students interested in graduate study in Biology are urged to contact the graduate coordinator of the program of interest and correspond directly with faculty members working in the student's area of interest.

Conservation Biology
 Ecology and Systematic Biology
 Marine Biology
 Physiology and Behavioral Biology

Contact: Graduate Coordinator, Department of
 Biology

biograd@sfsu.edu

The Department of Biology is housed in Hensill Hall, with over 180,000 square feet of functional space contained in eight stories. These facilities house undergraduate and graduate instructional and research laboratories equipped with modern analytical apparatus. Special features include:

- * A circulating seawater system, wet rooms and aquaria
- * An electron microscope facility
- * Controlled-temperature and animal rooms
- * Greenhouses
- * Biochemistry, developmental biology, advanced microbiology, and radiation laboratories
- * Computer labs

State-of-the-art Laboratory of Conservation Genetics
 Paul F. Romberg Tiburon Center for Environmental Studies
 Cell & Molecular Imaging Center
 Moss Landing Marine Laboratories
 Affiliated with California Academy of Sciences

ApplicationDeadlines:

CALIFORNIA

USA

Stanford University

Psychology Department

DegreesOffered: PhD

<http://www-psych.stanford.edu/graduate.html>

Stanford has been the leading psychology department among American universities for decades, and it has the added distinction of being the first department within a university to be recognized by the Smithsonian Institution's "The Great Schools" program. Using state of the art tools, our faculty enhance our teaching mission with interdisciplinary collaboration and a wide range of research interests, including: vision and perception; memory; language and cognition; emotion; and culture and society.

Contact: Student Services, Department of Psychology (650) 725-2904 psychologysso@lists.stanford.edu

ApplicationDeadlines:

The deadline to apply for entry Autumn 2006 is November 29, 2005.

Stanford University

Biological Sciences

DegreesOffered: PhD

<http://www.stanford.edu/dept/biology/>

Faculty in the area of population biology are interested in a broad range of conceptual and empirical issues - from population ecology, ecosystems ecology, the biochemistry/biophysics and physiology of adaptations and evolutionary genetics, floristic and systematic botany to systematic zoology. Research groups work with a diversity of plants, birds, insect, lizards, and marine invertebrates.

Research at Hopkins addresses fundamental questions in biology with particular focus on marine organisms and the marine environment. Through its proximity to Monterey Bay (in the heart of the National Marine Sanctuary) on the site of the Hopkins Marine Life Refuge and because of the rich and diverse populations of local marine life it is an ideal location for biological research.

Contact: Graduate Admissions (650) 723-4291 gradadmissions@stanford.edu

Jasper Ridge Biological Preserve - the largest and most biologically diverse preserve on any American university campus.

ApplicationDeadlines:

PhD applications, including supporting documents, are due by December 13, 2005.

CALIFORNIA

USA

University of California - Berkeley

Anthropology Department

DegreesOffered: PhD

<http://ls.berkeley.edu/dept/anth/phdsoccult.intro.html>

The Ph.D. in Anthropology at Berkeley has been one of the leading programs in the discipline, nationally first-ranked throughout much of its history. Unlike the other classic American departments, at Chicago, Columbia, Harvard, Michigan, Penn, and Yale, Berkeley was in and of California and the West, and has since its inception been marked by a different relationship to fieldwork, to conversation between anthropology's subfields, and to the question of scholarship's relevance to public and political life. The depth, critical focus, and uniqueness of Berkeley's tradition continue to characterize graduate study. Between the intellectual resources of the department itself and its allied and affiliated programs, graduate students have unparalleled opportunities for training.

Contact: Ned Garrett , Anthropology Graduate 510.642.3406 f1ashman@uclink.berkeley.edu
Student Affairs Officer

Phoebe A. Hearst Museum of Anthropology
Archaeological Research Facility

ApplicationDeadlines:

All applications must be done online.

University of California - Berkeley

Department of Integrative Biology

DegreesOffered: PhD

<http://ib.berkeley.edu/student/grad/admissions/index.php>

Integrative Biology does not admit students for a terminal Master's degree program. We offer a joint M.A./Ph.D. program, or you may apply directly to the Ph.D. program.

Contact: Mei Griebenow (510) 643-7330 ntegbio@berkeley.edu

ApplicationDeadlines:

December 15, 2005

The Department reviews application for admissions to our graduate program once a year. We are now accepting applications for Fall 2006.

University application forms will be available online on September 7, 2005.

CALIFORNIA

USA

University of California - Davis

Animal Behavior

DegreesOffered: PhD

http://gradstudies.ucdavis.edu/programs/program_detail.cfm?id=7

Specialization may be in one of three areas: ethology and the evolutionary bases of animal behavior; the physiological bases of animal behavior; or applied animal behavior (of domestic or wild animals). All specializations emphasize the adaptive and evolutionary bases of animal behavior. In addition, the integrative track allows combinations from any of the three main areas. The program trains students for teaching and research in a variety of areas including animal science, ecology, biological anthropology, physiology, psychology, veterinary science, wildlife biology, and zoology.

This program is an interdisciplinary graduate group.

Contact: Margaret Brice (530) 752-2981 mrbrice@ucdavis.edu

Center for Animal Behavior; California Regional Primate Res. Center; Bodega Bay Marine Biology Lab; Animal Communication Lab

ApplicationDeadlines:

Deadline for RECEIPT of all materials: December 15

University of California - Davis

Epidemiology

DegreesOffered: MS,PhD

http://gradstudies.ucdavis.edu/programs/program_detail.cfm?id=42

The Graduate Group in Epidemiology (GGE) offers the MS and PhD degrees in epidemiology. It is a relatively new program, and is rapidly gaining in stature nationwide. The program competes with other universities, such as UC Berkeley, Cornell and Johns Hopkins for top students. Our goal in creating this compensation plan is to remain competitive and to provide our students with reasonable and competitive compensation packages, within the boundaries of our financial resources and those of the agencies that fund our research programs. The cost of living for our students has increased dramatically in Davis in recent years, especially housing.

Contact: Tami Ali (530) 752-8340 tali@ucdavis.edu

ApplicationDeadlines:

CALIFORNIA

USA

University of California - Irvine

Ecology and Evolutionary Biology

DegreesOffered: MS, PhD

<http://ecoevo.bio.uci.edu/Graduate/Graduate.html>

A committee of faculty meets with all new students and recommends course assignments for their first year of graduate study. Course work consists of a one-year sequence of core courses, including graduate-level courses in organismal biology, ecology, evolution, and quantitative methods; a grant writing class; a variety of advanced courses; and seminars (see the Graduate Course Listing). Except for the required core courses, the curriculum is tailored individually to the professional goals of each student.

Graduate students are encouraged to spend one or more academic terms at another institution (U.S. or foreign) to broaden their education. UCI is a member of the Organization for Tropical Studies, and graduate students are encouraged to participate in this program.

Contact: Office of Graduate Studies (949) 824-6006

The School of Biological Sciences provides animal facilities, an Electron microscope facility, and sophisticated capabilities for elemental and biochemical analysis as well as photographic and image analysis processing. Modern greenhouse facilities staffed by two full-time employees are available for research use, as is a wild animal vivarium.

University of California Natural Reserve System
White Mountain Research Station

ApplicationDeadlines:

January 15 for submission of completed applications (including payment of the application fee) for entry the following fall quarter.

CALIFORNIA

USA

University of California - Los Angeles

Ecology and Evolutionary Biology

DegreesOffered: MA, PhD

<http://www.eeb.ucla.edu/>

Graduate studies in the Department of Ecology and Evolutionary Biology emphasize education and research toward a PhD. All doctoral students pursue a common set of requirements, while focusing their research in one of our specializations. We encourage prospective students to contact faculty with complementary research interests before applying to our program.

Contact: Jocelyn Yamadera (310) 825-1959 jocelyny@lifesci.ucla.edu

Stunt Ranch - Santa Monica Mountains Reserves
 Donald R. Dickey Collection of Birds and Mammals
 CARE - Center for Academic and Research Excellence
 UCLA Center for Embedded Networked Sensors (CENS)
 Animal Behavior @ UCLA
 Center for the Study of Evolution and the Origin of Life
 Center for Tropical Research, Institute of the Environment
 Marine Science Center
 The Santa Monica Pier Aquarium
 Natural Reserve System

ApplicationDeadlines:

Admission is contingent upon faculty sponsorship and is limited to Fall quarter. The application deadline is 15 December. Applicants are encouraged to contact potential faculty advisors in their field of interest.

University of California - Los Angeles

Pscychlogy Department

DegreesOffered: PhD

<http://www.psych.ucla.edu/Grads/>

The UCLA Psychology Department offers graduate Ph.D. training (there is no separate M.A. program) with area emphases in Behavioral Neuroscience, Clinical, Cognitive, Developmental, Learning and Behavior, Measurement and Psychometrics, and Social psychology. In all of these fields, the central objective is to train researchers dedicated to increasing the body of scientific knowledge upon which the discipline of psychology rests. The program is designed to prepare psychologists to function effectively as researchers, college and university instructors, and professional research psychologists.

Contact: Michael Fanselow (310) 825-2617 gradadm@psych.ucla.edu

ApplicationDeadlines:

Admission is limited to Fall quarter. December 15th for the clinical and social areas. December 30th for all other areas

CALIFORNIA

USA

University of California - Riverside

Evolution, Ecology & Organismal Biology

DegreesOffered: MS, PhD

<http://www.evolution.ucr.edu/>

The research interests of the Evolution and Ecology Graduate Research Unit (GRU) encompass evolutionary ecology, population and community ecology, population and evolutionary genetics, behavioral ecology, 'classical' and molecular systematics, geobiology, conservation biology, and physiological ecology and evolutionary physiology.

Contact: Graduate Admissions 951 827-3313 grdadmis@ucr.edu

ApplicationDeadlines:

<http://www.graduate.ucr.edu/Admiss/Deadlines.html>

University of California - Riverside

Psychology

DegreesOffered: PhD

<http://www.psych.ucr.edu/grad/index.html>

The Department of Psychology offers programs leading to the degree of Doctor of Philosophy with areas of specialization in Cognitive, Developmental, and Social/personality psychology and in Neuroscience. There is also cross-cutting and inter disciplinary study in Quantitative Psychology, in Family Studies, and in Health Psychology. If students are interested in two of these areas or in a question that overlaps areas, they often fashion individual programs that combine elements from the areas involved. There is no concentration in Clinical Psychology, but many graduate students study applied topics such as the promotion of the mental and physical health of children, adolescents, and the aging.

Contact: Graduate Advisor 951-827-6306 psychadvisor@ucr.edu

ApplicationDeadlines:

January 2, 2006
(For admission and support)

January 3 through April 1
(Limited Possibility of Acceptance)

CALIFORNIA

USA

University of California - San Diego

Department of Psychology

DegreesOffered: PhD

<http://psy.ucsd.edu/pages/programs/index.html>

The Department of Psychology at the University of California, San Diego, provides advanced training in research in most aspects of experimental psychology. Modern laboratories and an attractive physical setting combine with a distinguished faculty, both within the Department of Psychology and in supporting disciplines, to provide research opportunities and training at the frontiers of psychological science. The graduate training program emphasizes and supports individual research, starting with the first year of study.

The department offers the following emphases:

- Behavior Analysis
- Neuroscience & Behavior
- Cognitive Psychology
- Developmental Psychology
- Sensation and Perception
- Social Psychology

Contact: Graduate admissions

858 534-3000

gradadmissions@ucsd.edu

ApplicationDeadlines:

Applications are available September 1 through December 15. Completed applications must be received by January 7.

CALIFORNIA

USA

University of California - San Diego

Biological Sciences

DegreesOffered: PhD

<http://www.biology.ucsd.edu/grad/index.html>

The first year graduate program is carefully structured to accomplish three distinct but interrelated purposes:

1. Provide a solid technical foundation in the biological sciences.
2. Introduce students to different areas of research in biology, and to a variety of research methods, procedures and approaches.
3. Initiate the first-year trainees into the supportive community of advanced graduate students and postdoctoral researchers.

During their first year, all entering students pursue a rigorous academic program consisting of a sequence of graduate core courses (aimed at providing up-to-date coverage of three large subject areas) and a minimum of two electives. Students take Molecular Biology and Protein Biochemistry during the Fall quarter, Cell Biology during the Winter quarter, and Genetics during the Spring quarter. In addition, they enroll in at least two of the following electives: Immunology, Developmental Biology, Plant Molecular Biology, Neurobiology, Virology, Signal Transduction or Cancer Biology. Students in the evolutionary biology program take one quarter course in evolution and genetics, one in ecology, and one in behavioral biology. Electives are then drawn from three advanced graduate courses whose topics vary annually. For either track, the first year is the only period in which course work is required.

Contact: Admissions Committee (858) 534-3835 gradprog@biology.ucsd.edu

ApplicationDeadlines:

New students are admitted for Fall quarter only.

Graduate Admission (Fall 2006): December 15, 2005

CALIFORNIA

USA

University of California - Santa Barbara

Department of Ecology, Evolution, and Marine Biology

DegreesOffered: MA, PhD

<http://www.catalog.ucsb.edu/LS/eemb.htm>

The Department of Ecology, Evolution and Marine Biology at the University of California, Santa Barbara provides broad, interdisciplinary training leading to the Master of Arts and the Doctor of Philosophy degrees with an emphasis on ecology and evolution as broadly defined. The diversity of research interests, perspectives, and expertise within the Department promotes the development of a broad foundation in ecology and evolution and appreciation for interdisciplinary approaches to education and research, while also allowing students to develop depth in specific subdisciplines, including population and community ecology, ecosystems ecology and biological oceanography, ecological physiology, evolution, population genetics, and organismal biology. Faculty in the Department are strong in both field and laboratory-based approaches and most combine both in their research programs.

Contact: Department (805) 893-3023 eemb-gradasst@lifesci.ucsb.edu

Equipment and Room Reservations (Lifesci Login Required)

Marine Operations Facility

Biology Boat Reservations

Museum of Systematics & Ecology

Terrestrial Plant and Ecosystem Ecology at UCSB

ApplicationDeadlines:

Applications are considered for fall admission only and should be received with all supporting materials by DECEMBER 15.

CALIFORNIA

USA

University of California - Santa Cruz

Biological Sciences

DegreesOffered: MA, PhD

<http://www.biology.ucsc.edu/>

The Ecology & Evolutionary Biology (EEB) Graduate Program at UCSC reflects the remarkable local and global diversity of species and environments studied by the EEB faculty and students. The vision of EEB graduate program is to provide a nurturing, creative and intellectual environment conducive to the development of world-class scientists. The small size of the EEB graduate programs encourages close working relations between students and faculty in an informal atmosphere conducive to rapid learning and professional growth. The interdisciplinary collaborations with oceanographers, geologists, toxicologists and others enable students to explore the conceptual connections between related fields as they acquire mastery in their areas of specialization.

The graduate program in Ecology and Evolutionary Biology (EEB), which offers masters's and doctoral degrees, is comprised of four core tracks:

Population and Community Ecology

Evolutionary Biology

Physiology and Behavior (Marine & Terrestrial)

Systematics and Biodiversity

Contact: Ashley Vizurraga

831-459-2193

ashley@biology.ucsc.edu

ApplicationDeadlines:

We strongly encourage applicants to make contact with faculty members whose research interests match their own prior to submission of their application.

Applications for FALL 2006 must be received by: DECEMBER 15, 2005

COLORADO

USA

Colorado State University

Department of Psychology

DegreesOffered: PhD

<http://www.colostate.edu/Depts/Psychology/>

The Behavioral Neuroscience graduate program is one of five graduate programs currently offered by the Department of Psychology. Behavioral Neuroscience is an active and growing discipline at Colorado State University. This reflects the commitment of the University and the Department of Psychology to develop and maintain a well-recognized program in behavioral neuroscience and the commitment of program faculty to train first-rate researchers and academicians.

Contact: Department 970-491-6363 jmoran@lamar.colostate.edu

ApplicationDeadlines:

All materials must be received by January 15 of the year you plan to enroll.

Colorado State University

Department of Biology

DegreesOffered: MS, PhD

<http://www.biology.colostate.edu/Graduate/>

The Department of Biology offers programs of study that lead to the degrees of Master of Science and/or Doctor of Philosophy in Botany or Zoology.

The faculty in Biology maintain active research programs that afford many opportunities for students to formulate fulfill their goals in graduate education. We strive to provide a scholarly environment, where faculty and students are stimulated to become productive scientists. To inspire individual thinking and imagination, which are so important in the sciences, we encourage variability among the programs of students. The principal aim of the Department's graduate programs is to train students to achieve the highest level of their scientific potentials. Approximately 50 students are currently enrolled in such programs.

Contact: Graduate Admissions Coordinator biogradsec@lamar.colostate.edu

ApplicationDeadlines:

Fall Admission January 15th

Spring Admission November 1st

COLORADO

USA

University of Colorado - Boulder

Ecology and Evolutionary Biology

DegreesOffered: MA, PhD

<http://www.colorado.edu/eeb/>

Ecology and Evolutionary Biology is a department in the College of Arts and Sciences at the University of Colorado at Boulder. Graduate studies within the department lead to an MA I (with thesis), MA II (without thesis), or PhD degree in biology, with specialization in areas of environmental, population, and evolutionary biology. In addition, the department offers a combined B.A. and M.A. degree for a few highly motivated undergraduates who wish to obtain both degrees.

The established disciplinary strengths of the department include ecology, genetics, morphology, and systematics. Approximately half of the faculty focus on the adaptation and functioning of organisms in the context of environment, while the other half study higher levels of organization, including populations, communities, and ecosystems. Research programs have relevance for global change, conservation biology, and revealing fundamental mechanisms underlying the structural and functional adaptations of organisms.

Contact: Jill Skarstad

skarstad@spot.colorado.edu

ApplicationDeadlines:

The deadline for foreign applications is December 1st

Completed U.S. domestic applications, including three letters of reference, two official transcripts from each college or university you attended, and scores on the GRE General Test and Subject Test in biology, must be submitted to the department by December 30th (postmark date), if you wish to apply for the fall semester.

CONNECTICUT

USA

University of Connecticut

Ecology & Evolutionary Biology

DegreesOffered: MS, PhD

<http://www.biology.uconn.edu/>

M.S. in fields of ecology and evolutionary biology

A research-based master's degree completed in association with a faculty sponsor from the EEB department. Many students completing this degree choose to continue in the Ph.D. program at UConn or at another institution. Other students have gone on to work with nature centers, local, state or federal governmental positions associated with biology or environmental concerns, or have taken biology teaching positions. Full financial support is generally provided for two years.

Ph.D. in fields of ecology and evolutionary biology

A Ph.D. completed in association with a faculty sponsor from the EEB department. Students with a bachelor's degree and strong preparation may be admitted directly to the Ph.D. program. Full financial support is generally provided for five years. Students in this degree program conduct research throughout the world, and have gone on to careers in academia, museums, and the conservation community.

M.S. in Biodiversity and Conservation Biology

This degree was initiated in 2002 as part of an integrated 5-year B.S./M.S. program in biodiversity and conservation biology, and is aimed at students wishing to pursue careers in biodiversity management, conservation, and environmental education. Students with exceptional preparation from other schools may be considered for admission to the M.S. component of this degree, which involves graduate coursework in ecology, evolution, systematics, related coursework in environmental policy and economics, and research and internship experiences. Most outside students will require two years to complete the M.S. portion of the degree. Financial support in the form of tuition waivers and graduate assistantships is NOT offered to students in this program.

Contact: Ms. Anne St. Onge

anne.st_ong@uconn.edu

ApplicationDeadlines:

Review of applications will begin January 10. Submission prior to this date is strongly encouraged. February 1 is the deadline for receipt of applications for students wishing to be considered for admission with financial support for the following fall semester. Applications for spring semester admissions are due by October 1. For some students wishing to matriculate in the spring, it may be better to get a commitment of financial support by applying for admission for the preceding fall semester and then deferring.

CONNECTICUT

USA

University of Connecticut

Behavioral Neuroscience

DegreesOffered: MA, MS, PhD

<http://www.psychology.uconn.edu/>

Electrophysiological and neurochemical analyses of sensory, motor, motivational and cognitive processes organized within the mammalian telencephalic forebrain (e.g. neocortex, entorhinal cortex, hippocampus and basal ganglia). Interaction among students and faculty from different laboratories is strongly encouraged, and students acquire a broad perspective on behavioral neuroscience.

Contact: John D. Salamone

(860) 486-4302

John.Salamone@uconn.edu

ApplicationDeadlines:

The general deadline for Fall applications is February 1st and November 1st for entrance in the Spring semester. Some programs have different deadlines that supersede these dates (some earlier and some later), so you should check with your intended program before preparing your application packet.

University of Connecticut

Physiology and Neurobiology

DegreesOffered: MS, PhD

<http://predator.pnb.uconn.edu/~wwwpnb/pnbsplash.html>

The Department of Physiology and Neurobiology offers a program of graduate study leading to both MS and PhD degrees in Physiology and Neurobiology. All students begin the program by taking a year long core course where they learn the fundamentals of Physiology and Neurobiology. Students are encouraged to begin research as soon as they enter the program, and can either immediately begin dissertation research in a laboratory or rotate through two laboratories before choosing an area of research that interests them most.

Students choose from several advanced courses offered within the department in the fields of Neurobiology, Comparative Physiology and Endocrinology. Other departments on campus including Psychology, Molecular and Cell Biology, and Pharmacy offer additional courses. A departmental colloquium series and weekly departmental meetings supplement the formal coursework offerings. Through the colloquia, students learn firsthand about the newest and most exciting research in Physiology and Neurobiology and meet with distinguished scientists from around the world. In the weekly departmental meeting, students are given the opportunity to communicate their own original research, and to develop their own skills in effective presentation.

Contact: Graduate Center

gradschool@uconn.edu

ApplicationDeadlines:

The general deadline for Fall applications is February 1st and November 1st for entrance in the Spring semester. Some programs have different deadlines that supersede these dates (some earlier and some later), so you should check with your intended program before preparing your application packet.

CONNECTICUT

USA

Wesleyan University

Biology

DegreesOffered: PhD

<http://www.wesleyan.edu/bio/graduate/graduate.html>

The Biology Ph.D. program and curriculum serve to develop skills for careers in the life sciences.

The goal of the Ph.D program in Biology is to develop knowledge and skills for careers in the life sciences.

These careers include:

- research (academia and biotechnology)
- education (teaching, educational multimedia, informal teaching in museums, zoos, discovery centers)
- biotechnology
- science journalism
- science policy making

Contact: Director of Graduate Studies

mfitzgibbons@wesleyan.edu

ApplicationDeadlines:

CONNECTICUT

USA

Wesleyan University

Psychology

DegreesOffered: MA

<http://www.wesleyan.edu/psyc/index.html>

Barth: Numerical cognition, cognitive development, cognitive neuroscience; Danso: Group-relevant influences on intellectual test performance, intergroup competition and maintenance of group inequality, attitudes towards immigrants and immigration; Dierker: patterns of psychopathology in families, development of substance abuse and dependence, treatment of emotional and behavioral disorders in children; Goel: circadian rhythms, sleep, non-drug treatment of clinical depression; Langhout: community development, development in context, sexual harassment; Morawski: gender, psychology of women, history of psychology; Patalano: planning, decision making, categorization, neuroscience of reasoning; Plous: prejudice and discrimination, ethical issues related to the treatment of animals and the environment; Seamon: memory, cognitive processes, cognitive neuroscience; Sinnamon: neural mechanisms of movement and motivation; Steele: cultural psychology, feminist perspectives; Stemler: Intelligence, psychometrics, educational psychology, conflict resolution; Striegel-Moore: etiology and treatment of eating disorders; gender and psychopathology.

Contact: Joan Chiari

jchiari@wesleyan.edu

Research facilities in the department include active, well-equipped laboratories for the study of behavioral neuroscience, infant and child development, human cognition, psycholinguistics, community development, and social psychology. There is also a laboratory designed for overnight sleep and circadian rhythm studies in humans, and for outpatient treatment studies of clinical depression. There are substantial library resources on campus totaling over a million volumes; the department itself houses a library devoted solely to psychological books and journals. Campus and departmental computing facilities are readily available. A colloquium series also affords students an opportunity to hear and meet informally with speakers from around the country.

ApplicationDeadlines:

Application Deadline: February 1, 2006

DELEWARE

USA

University of Delaware

Department of Entomology and Wildlife Ecology

Degrees Offered: MS, PhD

<http://ag.udel.edu/enwc/>

The Department offers programs leading to the Master of Science (M.S.) and the Doctorate of Philosophy (Ph.D.) in Entomology and Applied Ecology and the Master of Science (M.S.) in Wildlife Ecology. Graduate students in these fields couple a focus on insects or vertebrates with a broad knowledge of other related fields of biology, especially ecology. Students in the M.S. degree program leading to a degree in Entomology and Applied Ecology must choose one of two concentrations (Entomology or Applied Ecology), which differ in their requirements. Each candidate's program is planned with the help of the advisor and graduate committee. The M.S. degree programs prepare students for pursuit of the Ph.D. and careers in entomology, wildlife ecology, and other biological disciplines. The M.S. in Entomology, in place since 1949, was changed to M.S. in Entomology and Applied Ecology in 1999, and concentrations were added in 2001. The Ph.D. degree program received 4- year Provisional Status effective September 1, 1999. The department modified its name in 2003, replacing Applied with Wildlife to accommodate the undergraduate program in Wildlife Conservation. The M.S. in Wildlife Ecology was added in 2004.

Contact: Dr. Charles E. Mason 302-831-8888 mason@udel.edu

Greenhouse, Growth Chamber Facilities, 35-Acre Woodlot on Campus for Research Only

ApplicationDeadlines:

Applications being considered for financial support should be completed by February 1 for Summer or Fall terms and November 1 for entering in Spring term. For further details, contact the chairperson of the department's Graduate Admissions Committee.

DELEWARE

USA

University of Delaware

Department of Psychology

DegreesOffered: MS, PhD

<http://w3.psych.udel.edu/>

The Ph.D. program in Behavioral Neuroscience is committed to training exceptional students for independent neuroscience research careers in academic, governmental, or industrial settings. Our program provides training in the biological foundations of behavior, with a particular focus on sensation, learning and memory, affect, development, and neural plasticity. Our philosophy is that students are best trained for research careers by emersion in intense research training from the very beginning of their studies. We use a mentor-based model, in which students work closely with a faculty member on empirical research. However, students are also encouraged to conduct collaborative research with more than one faculty member and with other graduate students and postdoctoral fellows. Core courses required of all students are minimal. This leaves students free to design individualized curriculums to enhance general and specific knowledge of their particular field(s) of interest. Students are expected to publish their research in prominent scientific journals and to present their research at national scientific meetings. Students further develop their oral presentation skills by giving one or more research presentations per year to the behavioral neuroscience faculty and students. In addition, students develop teaching skills by serving as teaching assistants and course instructors. Advanced students are encouraged to submit grant applications to support their research training and/or dissertation research. Taken together, these training activities provide students with the expertise in research, teaching, and grant writing, that is needed for successful academic or research careers.

Contact: Department (302) 831-2271 info@psych.udel.edu

The Psychology Department has excellent laboratory and computer facilities to support graduate training. The research space, much of it newly designed and renovated, allows for research in animal behavior, cognitive information processing, child development, electrophysiology, pharmacological and physiological bases of animal behavior, psychophysiology, small group behavior, interpersonal communication, psycholinguistics and visual processing. All laboratories have several computers and terminals that link the department to the University-wide computing system. The department also has several small, general purpose laboratories, useful for performing animal surgeries and histology, a complete photography set-up, and an electronics and carpentry shop. Training for clinical practice is provided in a separate facility containing several consultation rooms designed for supervision of testing and therapy.

ApplicationDeadlines:

The general university deadline for application submission is December 1 for Spring admission, April 1 for Summer admission and July 1 for Fall admission. Applicants can review the application deadlines using the department home pages in the WEB or contact departmental offices by email or telephone. Most departments recommend that application for assistantships / fellowships be done by February 1st.

DISTRICT OF COLUMBIA

USA

Georgetown University

Department of Biology

DegreesOffered: MS, PhD

<http://bioserver.georgetown.edu/>

The Department of Biology provides graduate students with a broad introduction to graduate-level biology and expert guidance in research in addition to training in becoming effective communicators in science. Some of our new graduates will become academics, whereas others will find careers in government, private industry, public policy, or elsewhere. Your ability to communicate both ideas and research results clearly and convincingly is key to your success no matter what career you enter.

Our department fosters interaction among graduate students and faculty as well as within the community of graduate students themselves.

Contact: Committee on Graduate Students and Studies (202) 687-6247 biology@georgetown.edu

ApplicationDeadlines:

Our application deadline is January 3rd to be considered for admission in the following fall semester. Applications are accepted throughout the year for spring and summer admission, but such applications are contingent on available support.

Smithsonian Institution

National Zoo

DegreesOffered: None

<http://www.si.edu/ofg/infoapply.htm>

Applicants to the Smithsonian Institution Fellowship Program must propose to conduct research in a discipline pursued at the Smithsonian and must submit a specific and detailed research proposal indicating why the Smithsonian is an appropriate place to carry out the study. Projects that broaden and diversify the research conducted within these disciplines are encouraged. Fellowships are offered to support research at Smithsonian facilities or field stations. Fellows are expected to spend most of their tenure in residence at the Smithsonian, except when arrangements are made for periods of field work or research travel.

For all fellowships, appropriate members of the Smithsonian professional staff must be willing and able to serve in the capacity of principal advisor or host, and space and facilities must be available to accommodate the proposed research.

Applicants are evaluated on the scholarly merit of their proposals; their ability to carry out the proposed research and study; the likelihood that the research can be completed during the requested appointment period; extent to which the Smithsonian, through its research staff members or resources, can contribute to the proposed research project; and the inclusion of diverse perspectives. Fellowship awards under this program are contingent upon the availability of funds.

Contact: Office of Fellowships 202-275-0655 siofg@si.edu

ApplicationDeadlines:

Applications are available in September, and the deadline for submission is January 15th (postmark).

FLORIDA

USA

Florida Atlantic University - Boca Raton

Psychology Department

Degrees Offered: MA, PhD

<http://www.psy.fau.edu/default.html>

The Behavioral Neuroscience/Neuropsychology program conducts research and provides graduate training in a range of areas, including both human and animal participants. The specific research topics under investigation are highly diverse, including conditioned taste aversion in pre-weanling rats, the relation between breastfeeding and brain activity in human infants, psychopharmacological and behavioral variables associated with addiction and feeding, biochemical markers in the brains of autistic patients, the analysis of molecular and cellular changes following neural trauma, the neural mechanisms associated with learning and memory, and neuropsychological assessments in special populations including chronic cocaine users, Alzheimer's patients, and bilinguals. Students can receive training using a broad range of state-of-the-art techniques. Research opportunities and instruction are offered on a wide range of topics, including developmental psychobiology, cognitive neuroscience, the psychobiology of learning and memory, behavioral pharmacology, neuropsychological assessment, psychophysiological recording, and techniques of proteomics, immunocytochemistry, and genomics. As this list indicates, there is a broad range of theoretical perspectives and research methodologies represented by our faculty

Contact: Department of Psychology

psychology@fau.edu

Application Deadlines:

The application deadline for the Ph.D. program is January 15th of each year. The application deadline for the M.A. program is June 1st of each year.

Florida Atlantic University - Boca Raton

Biological Sciences

Degrees Offered: MS, MST, PhD

<http://www.science.fau.edu/biology/>

The Department has a graduate program that leads to either a Master of Science in Biological Science or Master of Science in Teaching. Additionally, the Faculty participates in College-wide programs leading to a PhD in Integrative Biology and a Master of Science degree in Environmental Science. The research conducted by the Faculty covers a broad spectrum of disciplines ranging from molecular biology to ecology. Areas of research focus include the biology of aging, molecular physiology, marine biology, and the ecology of the Everglades. The proximity of the coastal environment and the Everglades is a particular attraction to researchers. Faculty members also participate in the Center for Molecular Biology and Biotechnology, and the resources of the Center are available for graduate student research. Scientists at the Harbor Branch Oceanographic Institution and the U.S. Horticultural Research Laboratory, U.S.D.A., both in Fort Pierce, Florida, are appointed as Courtesy Faculty members to the Department and add additional expertise in marine biology and plant sciences, respectively, to the faculty of Biological Sciences.

Contact: Graduate Admissions



gradadm@fau.edu

561-297-3624

Application Deadlines:

Biological Science (M.S., M.S.T.) Fall Mar. 1, Spring Oct.1, no summer admission.

Integrative Biology (Ph.D) Domestic. Fall July 1, Spring Nov 1, Summer Apr 1; International Fall Feb 15, Spring July 15, Summer Jan 15.

Florida State University - Tallahassee

Psychology Neuroscience

DegreesOffered: PhD

<http://www.neuro.fsu.edu/>

The Program in Neuroscience is an independent research and graduate training program at Florida State University, which is a Carnegie Research I university. The Program includes faculty from the departments of Biological Science, Biomedical Science, Nutrition, Food and Exercise Sciences, and Psychology. Its objective is to promote interdisciplinary basic research into neural processes, including the biological mechanisms underlying behavior, and to provide advanced graduate training leading to the Ph.D. degree in Neuroscience. The program maintains specialized research support services and personnel, and provides special courses and symposia on contemporary neuroscience issues. Each semester the program brings to Florida State prominent neuroscientists who give colloquia and hold informal discussions with graduate students and faculty.

Neuroscience, the study of brain and nervous system function, encompasses many of the unanswered questions about the nature of humans and other species. It stakes out a territory along the frontier of human knowledge where research can make a real difference to understanding. Traditionally, the primary emphasis of the FSU program has been on sensory processes. This focus is now supplemented by research and instruction in the biophysics and electrophysiology of excitable cells, neurotransmitter and hormone action, neural development and plasticity, circadian rhythms, feeding and regulatory processes, and the genetic bases of neurobiology and behavior. Broad interdisciplinary training is emphasized in the early years so that students develop skills in approaching research problems with multiple levels of analysis, from molecular to behavioral.

Contact: Robert Contreras

850.644.1751

contreras@neuro.fsu.edu

ApplicationDeadlines:

Fall Admission: December 15

FLORIDA

USA

Florida State University - Tallahassee

Department of Biological Science

DegreesOffered: MS, PhD

<http://www.bio.fsu.edu/index-grad.php>

The Florida State University Department of Biological Science offers Masters and Doctoral degree training in a broad range of biological research areas. The graduate program is organized into three divisions, Cell and Molecular Biology, Ecology and Evolutionary Biology, and Neuroscience; each division conducts its own admissions and guides its students to the completion of their degrees.

In many graduate programs, students disappear behind the closed doors of their advisors' labs for five years. This is not the Florida State way. Instead we emphasize the importance of a broad background in all aspects of population biology to studies in either ecology or evolution. Mirroring our faculty, the graduate-student group is interactive, cohesive, and mutually supportive. Students usually share office space with those from different labs. Although students in our program pursue a flexible course of study with a minimal set of required courses, most do take the introductory sequence of four courses. These common experiences set the stage for interactions across disciplines that often continue long after students have left Florida State.

Students are selected from a competitive applicant pool and supported for the duration of their studies with stipends and tuition waivers. During their training, students have access to excellent laboratory research facilities and opportunities for field and marine studies. Recent graduates of the program have been very successful in obtaining academic, research, industrial, and professional positions nationally and internationally. We encourage direct contact between potential applicants and individual Faculty in the program to explore mutual interests in research training opportunities.

Contact: Judy Bowers

850 644-3023

bowers@bio.fsu.edu

Most of our faculty and graduate students do research in the superb array of nearby habitats. These include:

- * seagrass beds, salt marshes, and open waters in the Gulf of Mexico
- * long-leaf pine savannas and hardwood swamps in the Apalachicola National Forest
- * varied rivers and lakes
- * relict Appalachian vegetation that persists in cool "steepheads" along river valleys
- * red clay hills at Tall Timbers Research Station

ApplicationDeadlines:

Fall Admission January 15 (International Students December 15)

Spring Admission October 15 (International Students September 1)

FLORIDA

USA

University of Florida

Wildlife and Ecology Department

DegreesOffered: MS, PhD

<http://www.wec.ufl.edu/academics/grad/>

The Department of Wildlife Ecology and Conservation offers a breadth of graduate programs that are designed to prepare students for professional employment in conservation of natural resources in a changing world. WEC faculty teach, conduct research, and provide service and extension in the following areas: avian ecology, behavioral ecology, community ecology, conservation biology, conservation education, conservation genetics, ecosystem management, environmental interpretation, habitat restoration, herpetofaunal ecology, human dimensions of wildlife management, international conservation, introduced species, landscape ecology, mammalian behavior, marine mammal ecology, plant ecology, population biology, range ecology, systems ecology, tropical conservation, urban wildlife relations, wetlands ecology, wildlife diseases, and wildlife management.

This diversity of faculty expertise attracts and maintains a population of about 100 graduate students, who are enrolled about equally in M.S. and Ph.D. programs.

Contact: Delores Tillman (352) 846-0635

Genetics Analysis Core and Reproductive Analysis Core of the program Biotechnologies for the Ecological, Evolutionary, and Conservations Sciences

ApplicationDeadlines:

University of Florida

Psychology Behavioral Neuroscience

DegreesOffered: PhD

<http://www.psych.ufl.edu/>

The Behavioral Neuroscience program incorporates very active research in which faculty, post-doctoral scientists, and students (undergraduate and graduate) practice a broad range of scientific techniques to examine the biological basis of behaviour. In fact, our emphasis on the study of behavior defines our mission and sets us apart from Neuroscience programs that are limited to studies of isolated cells or tissue systems. Within the Behavioral Neuroscience area, expertise can be found to investigate the brain, spinal cord, and neuroendocrine concomitants of behavior using a variety of systems, cellular, and molecular analyses.

Although there is no formal program in the History of Psychology, it is possible, in conjunction with faculty from other departments, to construct a program of study on an individual basis. For information contact Dr. Donald Dewsbury.

Contact: Department 392-0601 ext. 203 psyinfo@grove.ufl.edu

ApplicationDeadlines:

All application materials must be received by January 15.

FLORIDA

USA

University of Florida

Entomology and Nematology Department

Degrees Offered: MS, PhD

<http://entnemdept.ifas.ufl.edu/>

Entomology and Nematology offers an undergraduate program leading to a B.S., and graduate programs leading to M.S. (thesis), M.S. (non-thesis) and Ph.D degrees (summary of number of these degrees awarded from 1974 - 2004) in entomology and nematology. The Department is one of the largest entomology programs nationwide, and one of only a few that offer comprehensive training in Nematology. Besides providing a full complement of regular and special topics courses needed for degree candidates, the Department offers, at the undergraduate level, service courses in basic entomology for a wide range of disciplines and plays a major role in the interdisciplinary plant protection specialization of the plant science major. Further, departmental faculty offer courses that are credited to the Liberal Arts and Sciences undergraduate honors and general education requirements. Students have access to a wide variety of services and organizations.

Contact: Department

352-392-1901

With United States Department of Agriculture (USDA) laboratories in Gainesville (CMAVE) Center for Medical, Agricultural, and Veterinary Entomology, the Division of Plant Industry (DPI), and the Department of Entomology and Nematology at UF, there are more than 180 professional entomologists in Gainesville. Formal and informal relations exist among all these and other institutions, and make the University of Florida an exceptionally exciting and diverse location for the study of entomology and nematology. Gainesville is also considered to be one of the best places to live in the United States.

Application Deadlines:

University of Florida

Anthropology

Degrees Offered: MA, PhD

http://web.anthro.ufl.edu/graduate_aid.htm

The Anthropology graduate program at the University of Florida is designed to accommodate two types of students: those who wish to ground themselves in the traditional four fields of American Anthropology (Biological Anthropology, Archeology, Cultural Anthropology, and Anthropological Linguistics); and those who prefer to combine Anthropology with some other field of study. In terms of the number of faculty specialists, our department is particularly strong in Cultural Anthropology and Archeology (in addition to our own faculty, the archaeologists at the Florida Museum of Natural History supervise students and teach courses). In terms of world areas, we are strong in (but not limited to) Latin America/Caribbean, Africa, and Southeast USA. Our course menu permits a solid grounding in theory, in qualitative and quantitative methods, and in applied anthropology.

Contact: Gerald Murray

352-392 3830
x302

murray@anthro.ufl.edu

Application Deadlines:

For Fall admissions we must receive here in the department all of your application materials no later than December 15.

FLORIDA

USA

University of Florida

Zoology Department

DegreesOffered: MS, PhD

<http://www.zoo.ufl.edu/gradprog/index.html>

The Department of Zoology offers graduate programs leading to the M.S. and Ph.D. degrees, with research specializations that include ecology, evolution, behavior, comparative and environmental physiology, genetics, and phylogenetics. We work in a variety of terrestrial and aquatic environments, in diverse geographic regions (tropics through subpolar), and on a range of organisms (including plants). Our faculty and students value integrative research (e.g., by crossing levels of organization from gene expression to species interactions), linking theory with data (through use of statistical and mathematical tools), using natural history to guide the development and testing of rigorous conceptual frameworks. Many of our faculty also are interested in the application and testing of basic science in applied contexts (e.g., conservation biology and ecotoxicology). Our approach is highlighted through our first year graduate course, Integrative Principles. See the main Zoology web page for general information about our program and for a list of faculty research interests and publications for information about faculty and their research areas. Also see the list of graduate courses that are offered in Zoology.

Contact: Ms. Karen Pallone (352) 392-1107 karen@zoo.ufl.edu

The Department is housed in Bartram and Carr Halls, adjacent to the Florida Museum of Natural History, which houses extensive systematic and fossil collections. Supporting facilities include the Marston Science Library, the Health Center Library, the Interdisciplinary Center for Biotechnology Research, the Center for Structural Biology, the University of Florida Sea Horse Key Marine Laboratory (near Cedar Key on the Gulf of Mexico), the C.V. Whitney Marine Laboratory on the Atlantic Ocean near St. Augustine, and the Archie Carr Sea Turtle Center (click here for more information on Centers within Zoology). A variety of other departments and programs also add to opportunities available to our students (e.g., the Departments of Botany, Wildlife Ecology and Conservation, Fisheries and Aquatic Sciences, Entomology and Nematology, the School of Natural Resources and the Environment, the Center for Latin American Studies and its Tropical Conservation and Development (TCD) Program, Land Use and Environmental Change Institute).

ApplicationDeadlines:

All applications must be received in our office by December 31

University of Miami

University of Miami

DegreesOffered: MS, PhD

<http://fig.cox.miami.edu/>

The Department of Biology offers M.S and Ph.D degrees. Applicants for the Ph.D. should contact a faculty member whose research most closely matches their interests prior to submitting an application.

Contact: Dr. Julian Lee (305) 284-3973 jlee@fig.cox.miami.edu

Access to marine, sub-tropical, and tropical environments for field studies; outdoor study sights at Everglades National Park; Fairchild Tropical Gardens

ApplicationDeadlines:

The deadline for application for the Fall 2006 semester is January 1st, 2006

FLORIDA

USA

University of South Florida

Biology Department

DegreesOffered: MS, PhD

<http://web1.cas.usf.edu/MAIN/>

One theme that runs throughout the department is that of cooperation. Within the Department, faculty and graduate students often work together on broad ranging research projects that bring together many of the traditionally separate areas of biology. Many of the Department's cell and molecular biologists and ecologists are involved in cooperative research with their colleagues in Public Health, Nursing, and Medicine. Likewise, many of the Department's organismal biologists and ecologists are involved in cooperative research with colleagues in the Departments of Geology, Psychology, Geography, Marine Science, and the Environmental Science and Policy program. Often biology graduate students have faculty members from these other areas of USF as members of their graduate committees.

Contact: Henry R. Mushinsky (813) 974-3250 csmith2@chuma1.cas.usf.edu

ApplicationDeadlines:

Fall Feb. 1, Spring Oct. 1, Summer Not Offered

University of West Florida

Biology Department

DegreesOffered: MS, MST

<http://uwf.edu/biology/>

The Department of Biology offers the traditional M.S. degree program with three areas of specialization. The first is Biology which requires a research thesis, and includes two fast tracks, one in Biological Chemistry (additional information in the chemistry undergraduate section of the Catalog), and one for students who hold an Associate of Arts degree from a Florida public institution (additional information in the biology undergraduate section of the Catalog). The second is a non-thesis specialization in Coastal Zone Studies. The third is a non-thesis specialization in Environmental Biology. The department also offers a program leading to the M.S.T. Post Secondary degree.

Contact: Department (850) 474-2748 jboyce@uwf.edu

ApplicationDeadlines:

GEORGIA

USA

Emory University

Psychology Department

DegreesOffered: PhD

<http://www.psychology.emory.edu/Office/nab.htm>

The program in Neuroscience and Animal Behavior (NAB) approaches topics within the areas of neuroscience, physiological psychology, acquired behavior, and ethology as a unified entity. Thus, the emphasis is on behavior as a biological phenomenon. Research in neuroscience and physiological psychology explores brain-behavior relationships; research on acquired behavior studies the on-going and evolutionary factors influencing individual adaptations; and ethological studies are concerned with understanding how animals function in their natural environment. The blend of these concerns in the NAB program represents our conviction that a comprehensive understanding of behavior requires knowledge of the why and how of natural behavior, the manner in which the current environment influences behavior, and the neural and physiological processes underlying both. Research is conducted mainly with animals, although the findings are applied to understanding human as well as animal behavior and cognition.

Contact: Dr. Hillary Rodman 404-727-2391 hrrodma@emory.edu

Rollins Research Building and at the Yerkes National Primate Research Center's Main Station

ApplicationDeadlines:

January 1, 2006

Georgia College

Biological and Environmental Sciences

DegreesOffered: MS

http://www.gcsu.edu/acad_affairs/coll_artsci/bioenv_sci/

The biology master's thesis curriculum is designed for students who intend to pursue research oriented careers in science. Many students who pursue this option move into Ph.D. programs elsewhere. Most of the others enter the professional workforce in a research oriented position. The primary mission of the thesis based Master of Science degree is to provide students with the thinking, knowledge, and technical skills they will need to succeed in their professional career. The most significant outcome of our graduate research program will be the ability our students display in initiating, conducting, and presenting original research as they progress in their field of specialization. A goal of the program is to graduate students who are capable of both providing in-depth analysis of a specific project and applying broad knowledge to the study of a variety of topics.

Contact: Judith Sanders judith.sanders@gcsu.edu

ApplicationDeadlines:

It is recommended that applications for admission be submitted at least three weeks prior to the first date for matriculation (deadline dates for admission are listed in the official College calendar). International students and other applicants to the program requiring standardized test scores should complete these examinations at least eight weeks prior to matriculation. International students must submit additional documents as required by the International Education Center.

GEORGIA

USA

Georgia Institute of Technology

School of Psychology

DegreesOffered: PhD

<http://www.psychology.gatech.edu/>

The School of Psychology trains researchers for employment in academic, industrial, and government settings and awards doctorate (PhD) degrees in four programs: Engineering psychology, Experimental psychology, Industrial/Organizational psychology (I/O) and Quantitative psychology.

The graduate curriculum in all four programs share a core curriculum in general psychology and quantitative methods. Most students require three calendar years to complete course requirements and thesis for the master's degree. The doctoral program consists of additional coursework, programs of individual study, and research culminating in the dissertation. Most students entering the program with a bachelor's degree require at least five years to complete a doctoral degree.

Contact:

Psych@gatech.edu

ApplicationDeadlines:

January 1st of each year

Georgia Southern University

Department of Biology

DegreesOffered: MS

<http://www.bio.georgiasouthern.edu/>

Ecology, Evolution, and Behavior

The Ecology, Evolution, and Behavior (EEB) group offers training in the fields of ecology, evolutionary biology, and animal behavior. The EEB group employs the full range of modern biological techniques to address questions that emphasize ecological and behavioral interactions among organisms and how these interactions evolve. Specific research areas within this discipline that are represented in our department include plant and animal systematics, behavioral ecology, population ecology, population and ecological genetics, aquatic ecology, conservation biology, physiological ecology, life-history evolution, and wildlife management. From a taxonomic perspective, the EEB research group includes botanists, marine invertebrate biologists, entomologists, ichthyologists, herpetologists, ornithologists, and mammalogists

Contact: C. Ray Chandler

912-681-5657

chandler@georgiasouthern.edu

The biology department is closely affiliated with the Institute for Arthropodology and Parasitology.

The Skidaway Institute of Oceanography and the University of Georgia Skidaway Extension are both located one hour from campus on Skidaway Island in Savannah.

ApplicationDeadlines:

15 July for fall admission and 15 November for spring admission. However, applications for graduate assistantships are due by 1 March, and we strongly recommend that applicants to the biology program apply by 1 March to receive full consideration. (1 October is the priority deadline for spring admission).

GEORGIA

USA

University of Georgia

Toxicology Interdisciplinary Program

Degrees Offered: MS, PhD

<http://www.rx.uga.edu/main/home/toxi/toxi.html>

Our goal is to provide strong interdisciplinary graduate training, research and service programs in toxicology. This is accomplished by encouraging cooperation and sharing of resources and faculty in different colleges, such as Ecology, Agricultural and Environmental sciences, Pharmacy and Veterinary Medicine. A coordinating committee from among these colleges directs the program.

Contact: Julie Coffield, Graduate Coordinator 706-542-5979 coffield@vet.uga.edu

Application Deadlines:

University of Georgia

Institute of Ecology

Degrees Offered: MS, PhD

<http://www.ecology.uga.edu/>

This masters degree program offers students an opportunity to combine interdisciplinary course work in conservation ecology and sustainable development with field experience and thesis research. The program is intended to provide the training necessary to handle the unique, multidisciplinary problems in the area of conservation and sustainable development and to function independently as a researcher and decision-maker to address problems of conservation and sustainable development.

The program consists of a minimum of 30 hour of exclusive of thesis hours: 8 hours of interdisciplinary courses on principles of conservation and sustainable development; two 1-hour issues seminars; 2 hours of intensive study with the major advisor; electives; and, thesis research. Students are encouraged to apply for admission to existing appropriate field course. A thesis or similar written report from an approved project is required.

The Ph.D. program is an interdisciplinary program that allow students to develop a broad background in ecology and related disciplines. The purpose of the program provides a scholarly setting within which a course of study can be designed to fit the individual goals of students. Three core courses are required for the Ph.D. program: ECOL 8000 (Topics in Modern Ecology), ECOL 8310 (Population Ecology), and ECOL 8322 (Ecosystem Concepts). Students may also take additional course work in organismal and community ecology. The program is deliberately designed to be flexible to complement the student's background and emphasize his or her career objectives in ecology. Major emphasis is on course work related to dissertation research, but students are expected to develop a broad background in environmental science.

A wide array of relevant courses are offered by the Odum School of Ecology and other departments (especially botany, entomology, forest resources, genetics, geology, microbiology, and statistics).

The student is assisted by an advisory committee and must produce a dissertation which is an original contribution to ecological science.

Contact: William Fitt, Graduate Coordinator 706-542-3328 fitt@ecology.uga.edu

Application Deadlines:

January 1

GEORGIA

USA

University of Georgia

Forest Resources

DegreesOffered: MFR,MS,PhD

<http://www.forestry.uga.edu/>

The WSFR provides advanced education and, through research, extends scientific understanding of forest resources. The School promotes the development of scientists and professional resource managers capable of solving natural resource problems through understanding and application of biological, economic, environmental, social, and analytical principles.

Contact: Ronald Hendrick, Graduate Coordinator 706-542-1385 rhendric@uga.edu

ApplicationDeadlines:

January 1 to apply for university assistantships, February 1 to apply for WSFR assistantships

University of Georgia

Department of Psychology

DegreesOffered: PhD

<http://www.uga.edu/psychology/>

The UGA Department of Psychology, within the Franklin College of Arts and Sciences, is a nationally recognized department with award-winning professors who are dedicated to providing the highest quality graduate education possible to our graduate students.

The Department of Psychology offers graduate programs leading to the Doctor of Philosophy (Ph.D.) degree.

The department has six graduate programs:

Applied Psychology, Neuroscience and Behavior (formerly known as Biopsychology), Clinical Psychology, Cognitive/Experimental Psychology, Life-Span Developmental Psychology, Social Psychology

The Neuroscience and Behavior program (formerly known as Biopsychology) at the University of Georgia includes applied animal behavior, basic neuroscience of the sensory systems, behavioral neuroscience, cognitive neuroscience, comparative cognition, primatology and psychopharmacology.

Contact: Kecia Thomas, Graduate Coordinator 706-542-0057 kthomas@uga.edu

Facilities include a functional brain imaging laboratory, histological laboratory, psychophysiological recording chambers, observation rooms with videotape equipment for studying infants, children, and adults, sensory electrophysiological facilities, vision research equipment, and housing for a variety of animal species.

The department also has access to the Institute of Behavioral Research and the University Computer Center. We also have cooperative agreements with a number of other Institutions. For example, a student can enroll for course in any University System school in the state, or Emory without having to matriculate and the courses will show up on the UGA transcript. We also have a long history of agreements to use research facilities at the Atlanta Zoo, Laboratory Animal Breeder Services, and the Yerkes Regional Primate Research Center, among others.

ApplicationDeadlines:

December 1

GEORGIA

USA

University of Georgia

Veterinary Medicine

DegreesOffered: MS, DVM

<http://www.vet.uga.edu/>

The College of Veterinary Medicine offers graduate programs leading to the Master of Science and Doctor of Philosophy degrees. The major areas of concentration include anatomy (M.S. only), infectious diseases, pathology, pharmacology, physiology and toxicology. Non-thesis degree programs are offered leading to the degree of Master of Avian Medicine for veterinary graduates desiring specialized training in the diagnosis, treatment, and prevention of poultry diseases and to the degree of Master of Food Animal Health Management for veterinary graduates seeking specialized training in beef dairy and swine population medicine. With the exception of the pathology, avian medicine programs that require a D.V.M. degree for admission, the other programs are open both to veterinary graduates and to those with bachelor's and herd health degrees in appropriate areas.

Internship and residency non-thesis degree programs for veterinary graduates are offered in small animal medicine, large animal medicine, surgery, neurology, ophthalmology, theriogenology, and radiology. Residents have the opportunity to work toward the M.S. or Ph.D. degree in a basic science along with their clinical science training.

Contact: (706) 542-5289 info@vet.uga.edu

Research and training programs are supported by excellent laboratory facilities. The Veterinary Teaching Hospital and Diagnostic Laboratory are available to support research activities. Additional College facilities include Laboratory Animal Resources and the Electron Microscopy Laboratory, which contains scanning and transmission microscopes, with a confocal electron microscope located in the Center for Advanced Ultrastructural Research near the College. Also available are university service laboratories that include the monoclonal antibody laboratory (located in the college), the integrated biotechnology laboratories (Functional Genomics Resource Facility, Proteomics Facility, and Sequencing and Synthesis Facility), and various computer laboratories. A major new BSL3 and BSL3 Ag facility will soon be available. The University's Science Library is located near the College of Veterinary Medicine. Computerized literature searches and resources for arranging interlibrary loans are available through the College's Library Reading Room.

ApplicationDeadlines:

University of Georgia

Department of Entomology

DegreesOffered: MS, PhD

<http://entomology.ent.uga.edu/>

Programs within our Department encompass all levels of biological organization from the molecular level to ecosystems. In addition to training in modern methodologies of classical entomology, the Department has special emphasis areas in Insect/Plant Interactions, Biological Control, and Molecular Entomology.

Contact: Dr. Darold P. Batzer, Graduate Coordinator 706-542-2301 dbatzer@bugs.ent.uga.edu

ApplicationDeadlines:

HAWAII

USA

University of Hawaii

Department of Psychology

DegreesOffered: MS, PhD

<http://www.hawaii.edu/graduatestudies/fields/html/departments/pr/psychology/psychology.htm>

The graduate program in psychology is designed to provide students with a strong background in theory, research methodology, and psychological issues. Currently, there are 7 concentrations in which students can receive specialized training: behavioral neuroscience; clinical studies; community and culture; developmental psychology; experimental psychopathology; social-personality; and cognition.

Behavioral Neuroscience

The emerging discipline of behavioral neuroscience provides a bridge between the biological sciences and the study of behavior. It emphasizes both evolutionary and functional approaches to the study of learning, motivation, and emotions and analysis of the physiological mechanisms underlying these behavior patterns. The concentration in behavioral neuroscience offers graduate education leading to the PhD in psychology. The concentration also offers a dual-specialty option with clinical psychology. Training and research are offered in the following areas:

- * animal learning and the evolution of intelligence,
- * behavioral and pharmacological analysis of aggression, fear and anxiety,
- * biochemical bases of major neurological and psychological disorders

Contact: Edward P. Chronicle

chronicl@hawaii.edu

ApplicationDeadlines:

January 1

University of Hawaii

Department of Zoology

DegreesOffered: MS, PhD

<http://www.hawaii.edu/graduatestudies/fields/html/departments/stuz/zoology/zoology.htm>

The major strengths of the department lie in the areas of animal behavior, evolution and ecology, as well as cellular, molecular, and developmental biology. In addition, programs of notable strength have developed in areas that utilize the resources of Hawai'i's unique island setting, including developmental biology, marine biology, as well as ecology, evolution and conservation biology. Much of the research in the department emphasizes the animals of Hawai'i: marine invertebrates, terrestrial arthropods, fishes and birds. Three interdisciplinary graduate specializations are available to graduate students in zoology, which are Cellular and Molecular Biology; Ecology, Evolution, and Conservation Biology Program; and Marine Biology.

Contact: Charles Birkeland

charlesb@hawaii.edu

Hawaii Institute of Marine Biology

ApplicationDeadlines:

December 15

IDAHO

USA

Boise State University

Department of Biology

DegreesOffered: MS, MA

<http://www.boisestate.edu/biology/MABiology.htm>

The M.S. is a research-based degree. The M.S. candidate will complete a thesis based on original research carried out by the student. Ideally, the thesis should make a significant contribution to the body of scientific knowledge and be of sufficient quality to warrant publication in a peer-reviewed journal.

The M.A., Project Option is an application-based degree and is considered to be a terminal degree (except for students intending to attend professional school); students wishing to later pursue a Ph.D. should enroll in the M.S. program. In addition to completing substantial course work, the M.A. candidate will complete a project that may be an application or synthesis of original research carried out by others. Examples of such projects include development of biology-based curricula, compilation and analysis of studies on a range of species, review and the synthesis of a body of ideas or data, and development of a resource management plan based on relevant studies.

Contact: Jim Belthoff

208-426-4033

jbeltho@boisestate.edu

ApplicationDeadlines:

Idaho State University

Department of Biological Sciences

DegreesOffered: MS, PhD, DA, MNS, CLS

<http://www.isu.edu/bios/>

Our graduate programs prepare scientists for careers in academia, industry, and government. At the doctoral level, we offer a Ph.D. in Biological Science and the Doctor of Arts degree. At the master level, we offer M.S. degrees in Biology, Microbiology and Clinical Laboratory Sciences as well as an M.N.S. degree. For highly motivated students, we also offer a 5-year combined B.S./M.S. option. Our programs can also complement the pursuit of an interdisciplinary degree.

Contact: Richard Inouye

208-282-2933

biosgrad@isu.edu

ApplicationDeadlines:

IDAHO

USA

Idaho State University

Department of Psychology

DegreesOffered: MS

<http://www.isu.edu/psych/>

The Master of Science program in general/experimental psychology provides students with an education in core areas of psychological science, including personality/social, learning, perception/cognition, developmental, and sensory/physiological. The M.S. program is designed for students with a variety of career goals. Whereas many of our students pursue doctoral degrees in psychology, others pursue careers in related fields. For students who intend to continue their graduate study, the program's accomplishments are threefold. First, students who complete the M.S. program establish a foundation for further study in psychology, in both basic and applied areas. The wide variety of courses offered in the program provides students with a strong background, useful for understanding specialized areas of psychology, as well as for teaching related courses. Second, for those students who are undecided about which area of psychology they would like to pursue, the program provides an opportunity to become familiar with a variety of areas of psychology, thus, enabling students to focus their interests. Finally, the program provides students with an opportunity to demonstrate their ability to perform at a graduate level, enhancing their opportunities for entrance into a doctoral program.

The program also is designed for those who are interested in pursuing careers in applied areas of psychology and in related fields that require mastery of the principles and methods of general/experimental psychology. Some of our former students, for example, are working in management, government, human factors, human resources, health related fields, and research positions. The experimental M.S. in psychology is not intended to prepare students for careers in clinical psychology, although some of our masters students have been subsequently admitted into doctoral programs in clinical and counseling psychology. At ISU, the current areas of specialization include cognition, social, personality, developmental, and physiological and comparative psychology. Although each of these areas is not considered a separate degree program, our mentor model does allow for individualized courses of study. Students are encouraged to select a mentor/advisor working in the student's area of interest during their first semester of study. Although the student also is encouraged to work with other faculty, the advisor serves to guide the student's course selections and thesis.

Contact: Lisa Coleman, Secretary

208-282-2462

psych@isu.edu

ApplicationDeadlines:

University of Idaho

Department of Biological Sciences

DegreesOffered: MS, MNS, PhD

<http://www.sci.uidaho.edu/biosci/grad.html>

The Department of Biological Sciences offers opportunities for advanced study at the master's and doctoral levels. Research in the department is clustered in three main focus areas. These are: Fish Reproductive Biology, Evolution and Ecology, and Neurobiology and Aging.

Contact: Pat McCarroll

biosci@uidaho.edu

ApplicationDeadlines:

February 1 for full consideration for financial support.

IDAHO

USA

University of Idaho**Department of Plant, Soil, and Entomological Sciences****DegreesOffered:** MS, PhD<http://www.ag.uidaho.edu/pses/index.htm>

Entomology: agricultural entomology, aquatic entomology, biological control of insects and weeds, insect biology, insect ecology, insect-plant interactions, insect anatomy and physiology, insect transmission of plant viruses, plant resistance to insects, systemic entomology, and integrated management. Graduate students have access to one of the Pacific Northwest's outstanding insect collections and comprehensive entomological libraries.

Contact: Sanford Eigenbrode

208-885-2972

sanforde@uidaho.edu

ApplicationDeadlines:

ILLINOIS

USA

Bradley University

Department of Biology

DegreesOffered: MS

<http://www.bradley.edu/grad/msbio.htm>

The Department of Biology offers a Master of Science Degree to students who wish to advance their knowledge in the field, to enhance their professional careers, or to prepare for subsequent post-master's programs. The department offers graduate courses in most biological disciplines, in keeping with the philosophy that advanced work across the breadth of the field is appropriate at the Master's level. In addition, since research is the cornerstone of Biology, each student is required to complete a thesis based on original research.

Contact: Sherri Morris

309-677-3016

sjmorris@bradley.edu

ApplicationDeadlines:

Eastern Illinois University

Department of Biological Sciences

DegreesOffered: MS

<http://www.eiu.edu/~bioscigr/>

The Biological Sciences Graduate Program provides graduate students with a unique opportunity to pursue concentrated studies in many areas of biology, select courses from a broad range of subject areas, and interact with graduate faculty from the Department of Biological Sciences.

During the first semester of residence, graduate students are expected to select either a thesis or internship degree option. The thesis option is recommended for students who intend to pursue a Ph.D. or desire employment which requires research experience. The internship option is designed for students seeking professional experience and employment in environmental biology or affiliated fields and requires a 12-15 week internship with a private or governmental agency. Specialization in a given area of biological science, specific course work, and thesis project or internship experience are determined by the student and their graduate advisory committee.

Our graduate faculty includes nearly thirty outstanding researchers and instructors who afford students an opportunity to pursue interests in a wide variety of biologically oriented subject areas. Although we do not offer the Ph.D. at Eastern Illinois University, we have been very successful in placing our M.S. graduates in immediate career positions or in advanced degree programs at other universities.

Contact: James McGaughey

217 581-3126

cfcjc@eiu.edu

ApplicationDeadlines:

Applying to the Biological Sciences Graduate Program is a two part process: (1) Application materials submitted to the BSGP office and (2) application materials submitted to the Graduate School. The forms listed below are available in paper form from the BSGP Coordinator or you can print the forms you need from this site.

Applications for admission to the Biological Sciences Graduate Program are accepted at any time and you may begin your career at E.I.U. at mid-year. IF YOU DECIDE TO APPLY FOR A GRADUATE TEACHING ASSISTANTSHIP, YOUR APPLICATION(S) AND SUPPORTING INFORMATION MUST BE RECEIVED NO LATER THAN FEBRUARY 15, 2006.

ILLINOIS

USA

Illinois State University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.bio.ilstu.edu/dept/graduate/index.htm>

Our programs are built upon a tradition of excellence and a historically significant intellectual heritage that traces to the 19th century.

We have a dynamic and professionally active faculty with diverse research interests and professional backgrounds. This diversity makes it likely that you will find mentors who share your particular interests. This diversity also provides the basis for exciting collaborations and multidisciplinary study. We vigorously support our students' research as an integral part of graduate education, and faculty members typically develop close working relationships with their students. Our intention is to help you become a significant contributor to the discipline of the biological sciences as quickly as possible.

Contact: Alan Katz, Director of Graduate Studies

ajkatz@ilstu.edu

Animal care, imaging analysis computer lab

ApplicationDeadlines:

Northern Illinois University

Department of Biological Sciences

DegreesOffered:

<http://www.bios.niu.edu/gradprog4/index.html>

There are two graduate programs in the department, leading to master's or Ph.D. degree in the Biological Sciences. Students interested in obtaining a Master of Science degree may select from two options (thesis and non-thesis), or two specializations (Human Anatomical Sciences or Bioinformatics). These master's degrees require a minimum of 30 semester hours, with the exception of the Human Anatomical Sciences specialization, which requires a minimum of 33-34 semester hours. Up to 15 semester hours of graduate credit from other accredited institutions may be applied toward meeting the M.S degree requirements, subject to approval by the department and the Graduate School. Students interested in obtaining a Ph.D. degree may apply to our doctoral program. The Ph.D. degree requires a minimum of 90 semester hours. Up to 30 semester hours of graduate credit (with a grade of B or better) in other accredited M. S. programs may be applied to the Ph. D. requirements, as well as 15 semester hours of post-M. S. graduate credit (with a grade of B or better).

The M. S. thesis option and the Ph.D. are research-based degrees. Students have available four areas of study within these degrees: Cell and Molecular Biology, Ecology and Evolution, Plant Science, Microbiology.

Contact: Thomas Sims, Graduate Adviser

biosgradadv@niu.edu

ApplicationDeadlines:

February 15 from those applying for Graduate Teaching Assistantship

ILLINOIS

USA

Southern Illinois University - Carbondale

Department of Physiology

DegreesOffered: MS, PhD

<http://www.siumed.edu/physiology/>

Students entering the graduate training program are advised to plan the course work so as to acquire a broad knowledge of the field before emphasizing on one of the sub-disciplines. The advisory system in the department is set up to help students in planning their work. All graduate training programs in the department are subject to approval of the graduate program committee (GPC) of the department. Prerequisites for graduate training with a major in physiology usually include the equivalent of an undergraduate major in one of the biological sciences, plus inorganic and organic chemistry and a minimum of one year each of physics and mathematics. Students with undergraduate training in related areas, such as chemistry, physics, mathematics, computer science, psychology, or engineering are strongly encouraged to consider graduate work in physiology; deficiencies in the requirements listed above can be made up early in graduate training.

Contact: 618-453-1544 physiology@siumed.edu

ApplicationDeadlines:

Southern Illinois University - Carbondale

Department of Zoology

DegreesOffered: MS, PhD

<http://www.science.siu.edu/zoology/graduateprog.html>

The Department of Zoology offers the Master of Science and the Doctor of Philosophy degrees. These degrees are awarded on the basis of demonstrated scholarship and the ability to organize, conduct, and report original research. Opportunities are available for experience in teaching and research.

Contact: Judy Rains 618-453-4110 jrains@zoology.siu.edu

ApplicationDeadlines:

ILLINOIS

USA

University of Chicago

Evolutionary Biology

DegreesOffered: PhD

<http://pondside.uchicago.edu/darwin/>

The clustered Ph.D. programs in Ecological, Integrative, and Evolutionary Biology at The University of Chicago provide training for research and teaching in anatomy, behavior, ecology, evolutionary and organismal biology, and paleontology. Three connected academic units make up this cluster: The Departments of Ecology and Evolution (E&E), Organismal Biology and Anatomy (OBA), and the interdisciplinary and multi-institutional Committee on Evolutionary Biology (CEB).

Students and faculty in this cluster have strong and ongoing connections with many departments and institutions, including the Departments of Anthropology, Biochemistry and Molecular Biology, Chemistry, Geophysical Sciences, Molecular Genetics and Cell Biology, and Statistics. In addition, The Committee on Evolutionary Biology includes faculty from all four Divisions of the University, the Field Museum, Brookfield Zoo, and Argonne National Laboratory.

These exceptional programs combine to provide students with unique educational opportunities in ecological, integrative and evolutionary biology. Students are encouraged to train broadly by interacting with faculty both within and outside the cluster. Nested within a large and diverse metropolitan area, we encourage students to undertake collaboration and research with colleagues at world famous Chicago-area institutions such as the Field Museum, Shedd Aquarium, Brookfield and Lincoln Park Zoos, and the Morton Arboretum; students and faculty currently conduct research at a variety of domestic and international museums and field sites. The programs in evolutionary biology at the University of Chicago recently were given a #1 ranking in a survey supervised by the National Research Council of the National Academy of Sciences. Details about applying to our Ph.D. programs, along with more information on our faculty and graduate training, can be found on each department's home page.

Contact: Carolyn Johnson

773-702-9474

csjohnso@midway.uchicago.edu

ApplicationDeadlines:

see web site

ILLINOIS

USA

University of Chicago

Comparative Human Development

DegreesOffered:

<http://humdev.uchicago.edu/>

The department stresses the integration of theoretical interpretations and empirical findings bearing upon human development: the elaboration of the biological potential of the individual during growth; maturity and aging; socialization and adjustment to temporal and environmental changes; psychological change; personality development and psychological functioning in various cultural settings; and reflective consideration of the assumptions of social science theory and research. Emphasis is upon the interrelations of biological, psychological, and sociocultural forces at different points in the life cycle.

Prospective students who are interested in animal behavior in relation to human behavior should consider applying to the graduate program offered by our Comparative Behavioral Biology program. This program investigates behavioral processes at the social, psychological and biological levels of organization in both humans and nonhuman animals. Throughout, the research approach is characterized by the integration of social and biological levels of analysis.

Contact: Ms. Janie Lardner

773-702-3971

jlardner@uchicago.edu

ApplicationDeadlines:

December 10.

ILLINOIS

USA

University of Chicago

Ecology and Evolution

DegreesOffered: PhD

<http://pondside.uchicago.edu/darwin/>

The clustered Ph.D. programs in Ecological, Integrative, and Evolutionary Biology at The University of Chicago provide training for research and teaching in anatomy, behavior, ecology, evolutionary and organismal biology, and paleontology. Three connected academic units make up this cluster: The Departments of Ecology and Evolution (E&E), Organismal Biology and Anatomy (OBA), and the interdisciplinary and multi-institutional Committee on Evolutionary Biology (CEB).

Students and faculty in this cluster have strong and ongoing connections with many departments and institutions, including the Departments of Anthropology, Biochemistry and Molecular Biology, Chemistry, Geophysical Sciences, Molecular Genetics and Cell Biology, and Statistics. In addition, The Committee on Evolutionary Biology includes faculty from all four Divisions of the University, the Field Museum, Brookfield Zoo, and Argonne National Laboratory.

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Contact: Carolyn Johnson

773-702-9474

csjohnso@midway.uchicago.edu

ApplicationDeadlines:

see web site

University of Illinois - Chicago

Department of Biological Sciences

DegreesOffered: MS, PhD, DA

<http://www.uic.edu/depts/bios/grad/grad.html>

The Department of Biological Sciences offers work leading to the Doctor of Areas of research include cell biology, development, ecology, evolution, genetics, molecular biology, neurobiology and plant biology. An interdepartmental specialization in neuroscience is available to qualified PhD students.

Contact: Margaret Kleist

(312) 996-2931

kleist@uic.edu

ApplicationDeadlines:

ILLINOIS

USA

University of Illinois - Urbana-Champaign

Department of Animal Biology

DegreesOffered: PHD, MD

<http://www.life.uiuc.edu/eee/>

Although the name Department of Animal Biology is relatively new, this area of biology has a long tradition of excellence at the University of Illinois. Victor E. Shelford, a faculty member in the Department of Zoology from 1914 to 1947, was instrumental in the development of the field of animal ecology in North America. His emphasis on empirical studies in both academic and research programs has continued to the present. The Animal Biology department offers Ph.D. degree with specializations in Behavior, Conservation, Ecology, Evolution, Evolutionary development, Genetics, Genomics, Organismal biology, Paleontology, and Physiology .In addition, the Medical Scholars Program offers a combined MD/Ph.D. program.

Contact: 217/ 333-7802

ApplicationDeadlines:

These programs encourage on-line application. Application deadline is January 1st

University of Illinois - Urbana-Champaign

Department of Anthropology

DegreesOffered: PhD

<http://www.anthro.uiuc.edu/>

The Anthropology department's program in Biological Anthropology offers the Ph.D. degree. The program in biological anthropology at the University of Illinois at Urbana-Champaign offers graduate training that integrates diverse research areas toward the common goal of improving our understanding of human and nonhuman primate anatomy, adaptation, and evolution. The biological anthropology program includes ongoing research in primate social behavior, ecology, cognition, endocrinology, reproduction and sexual strategies, disease and conservation; quantitative genetics; primate growth and development; biomechanics, functional anatomy, and primate and human evolution.

Contact: 217-333-3616

ApplicationDeadlines:

December 1

University of Illinois - Urbana-Champaign

Department of Psychology

DegreesOffered: MA, MS, PhD

<http://www.psych.uiuc.edu/home/index.php>

The Department of Psychology at the University of Illinois at Urbana-Champaign has a long-standing reputation for excellence. From its inception in 1904, the department has distinguished itself with outstanding faculty, research programs, and the best and brightest graduate students. Relevant Ph.D. programs in psychology include: Biological psychology. Brain and Cognition, and Cognitive psychology.

Contact:

ApplicationDeadlines:

ILLINOIS USA

ILLINOIS USA

University of Illinois - Urbana-Champaign

Program in Applied Animal Behavior	DegreesOffered: MS
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Program in Applied Animal Behavior	DegreesOffered: MS
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<http://www.life.uiuc.edu/programs/BMP/Applied%20Animal%20Behavior.htm>

The Master of Science in Biology degree offers a specialization in Applied Animal Behavior. This is an interdisciplinary, interdepartmental program administered through the Masters in Biology Program, with adjunct support from the ASPCA (www.asPCA.org). It is designed to provide graduate training for careers in applied animal behavior, including academia; companion animal behavior consulting; shelter behavior; training and enrichment for animal shelters, zoo, laboratory and livestock animals; and commercial pet care industries. The curriculum is tailored to meet the course requirements of the Animal Behavior Society for certification as Associate Applied Animal Behaviorists (<http://www.animalbehavior.org/Applied/>). All students are required to develop strong quantitative and experimental skills. Participation in research is mandatory and each student will complete a research project.

This is an in-residence two-year program. All students must meet the entrance requirements for the Masters in Biology Program. In addition, successful applicants will provide evidence of animal-related experience, such as sheltering, training, animal exhibiting, etc

Contact: Biology Masters Programs 217 333-8208 c-hall@life.uiuc.edu

Contact: Biology Masters Programs 217 333-8208 c-hall@life.uiuc.edu

Contact: Biology Masters Programs 217 333-8208 c-hall@life.uiuc.edu

ApplicationDeadlines:

MS Biology applicants who wish to be considered for admission the Applied Animal Behavior Specialization should indicate so in the statement of purpose section of the application.

The deadline for application is February 15, 2006

University of Illinois - Urbana-Champaign

Program in Ecology and Evolutionary Biology **Degrees Offered:** MS, PhD

Program in Ecology and Evolutionary Biology **Degrees Offered:** MS, PhD

<http://www.life.uiuc.edu/peeb/>

The department of ecology and evolutionary biology offers An exciting interdisciplinary graduate program with approximately 60 faculty from 11 departments, 5 colleges, and allied state agencies. We work at scales from molecules to global change and with a diverse set of terrestrial and aquatic habitats. M.S. Ph.D. degrees in ecology, evolution and systematics, conservation biology.

Contact: 217/ 333-8208

Contact: 217/ 333-8208

Greenhouse, live animal facility, molecular genetics lab, several vield reserves, bee lab, bioacoustics facilities

ApplicationDeadlines:

These programs encourage on-line application. Application deadline is January 1st

ILLINOIS

USA

Western Illinois University**Department of Biological Sciences****DegreesOffered:** MS; post-baccalaureate certificate in zoo and aquarium science<http://www.wiu.edu/biology/graduate/>

Majors are offered in Biology (with options in Botany, Microbiology, Zoology, and Science/Biology Teacher Certification) and Clinical Laboratory Science leading to a Bachelor of Science degree. The post-baccalaureate certificate program in Zoo and Aquarium Studies provides detailed knowledge about the biology of special groups of animals often kept in captivity like dolphins, seals, primates, big cats, canids, large birds, or large reptiles; background in the basic concepts and techniques of animal training; practical management skills required for working with people, budgets, and time at zoos or aquaria; information on policies and regulations that affect the operations of zoos and aquaria; practical, hands-on experience working with animals and with the personnel at a zoo or aquarium; network of people employed at local zoos and aquaria; access to available jobs at zoos or aquaria.

Contact: 309/298-2408**ApplicationDeadlines:**

Applications accepted anytime; application for assistantships—deadline March 1 for fall semester, November 1 for Spring Semester.

INDIANA

USA

Indiana University

Center for the Integrative Study of Animal Behavior

DegreesOffered: AC, MS, PhD (in various depts.)
http://www.indiana.edu/%7Eanimal/academics/grad_programa.html

The Program in Animal Behavior brings together core faculty from several Indiana University Departments including Biology, Psychological and Brain Sciences, Neural Science, and Anthropology to provide broad and intensive training in neuroscience, learning, development, ecology, and evolution. Our program offers many opportunities for Indiana University students wishing to learn about integrative approaches to the study of animal behavior, including Minors & Area Certificates in Animal Behavior, research opportunities, and applied internships in local not-for-profit organizations. In addition, we manage an NSF-sponsored summer program in which undergraduate students from colleges and universities throughout the United States engage in animal behavior research. Students are also welcome to participate informally by becoming CISAB members, and attending local events such as our behavior colloquium series and annual Spring Animal Behavior Conference.

Contact: (812) 855-9663 cisab_@_indiana.edu

DNA fingerprinting lab; Eutechtic Neuron Tracing System; Computerized operant conditioning system; electrochemical recording equipment; aviary facilities; CISAB computer facilities; misc.

ApplicationDeadlines:

Purdue University

Department of Animal Sciences

DegreesOffered: MS, PhD
<http://www.ansc.purdue.edu/grad/>

The Department of Animal Sciences offers a comprehensive graduate program leading to the M.S. and Ph.D. degrees in the fields of genetics, growth and development, meat science, nutrition, physiology and animal behavior and well-being. The M.S. is offered in management. Degrees also may be earned in the interdepartmental areas of applied ethology, genetics, neuroscience, and nutrition by working with faculty members participating in those programs. Specialized training within each of these areas is available to meet specific professional goals.

Contact: (317) 494-8032

USDA-ARS-Purdue Center for Research on Well- Being in Food Animals

ApplicationDeadlines:

The application should be submitted at least four months before the beginning of the session for which admission is sought (domestic students). International students should apply at least six months before the beginning of the session for which admission is sought.

INDIANA

USA

Purdue University**Department of Biological Sciences****DegreesOffered:** MS, PhD<http://www.bio.purdue.edu/Academic/graduate/index.htm>

Graduate study in Biological Sciences at Purdue University is multi-disciplinary, offering a wide variety of choices for doctorate and masters degrees. Major research groups exist in the fields of molecular, cellular, organismal, structural, and population biology. Areas of research include biochemistry, biophysics, cellular and developmental biology, population ecology and evolution, eukaryotic and molecular genetics, microbiology, molecular biology, neurobiology and physiology, and plant physiology. A major advisor may be selected in any of these areas. In addition, several interdisciplinary programs also are available in conjunction with other departments and divisions within the University. We therefore welcome applicants from different disciplines such as chemistry, physics and related fields as well as students from traditional biological backgrounds.

Contact: 765 494-8142**ApplicationDeadlines:**

Domestic Applicants - February 15, 2006

International Applicants - January 31, 2006

IOWA

USA

Iowa State University

Department of Ecology, Evolution and Organismal Biology

DegreesOffered: MS, PhD

<http://www.grad-college.iastate.edu/EEB/>

The Ecology and Evolutionary Biology (EEB) major is offered through a faculty housed in nine departments, with courses and research opportunities leading to the M.S. or Ph.D degrees.

The EEB major is designed for students interested in the study of mechanisms controlling the composition, structure, and functional processes of ecological systems and the mechanisms that regulate the pattern and rate of evolutionary change within and among species. Cooperating departments offer multiple courses in ecology, evolutionary biology and related topics. In addition, the EEB Program offers a special topics course, a seminar, and an extended field trip. The curriculum is designed to provide graduate students a diverse background while allowing flexibility in designing individual programs of study.

Students majoring in EEB prepare themselves for careers focused on basic or applied ecology and evolutionary biology in a variety of settings, including academia, government, industry, and with private organizations.

Contact: EEB program coordinator 515 294-6518 eeboffice@iastate.edu

ApplicationDeadlines:

The vast majority of admissions to EEB are for the fall term (begins in August).

Applications may be submitted at any time; however, the application deadline for full consideration for competitively awarded fellowships, scholarships, and assistantships for the Fall 2006 term is 6 January 2006.

Please be advised that the vast majority of competitively awarded funds are timed to the fall admission cycle, meaning that they are awarded and disbursed according to an annual calendar that begins in Fall term (August of each year). Financial support that originates in faculty research grants, departments, and some other sources tends to be more flexible and may be awarded to students beginning study in any term.

If you wish to apply for entry to the program in the Spring term (begins in January) or Summer term (begins in May), please contact us to discuss your plans. All questions about timing applications to our admissions cycle should be directed to the EEB program coordinator.

IOWA

USA

Iowa State University

Natural Resource Ecology and Management Department

DegreesOffered: MS, PhD

<http://www.nrem.iastate.edu/students/gradinfo.htm>

The Department of Natural Resource Ecology and Management has strengths in the ecological sciences; applications of ecology, social and managerial sciences to the protection and utilization of renewable resources on a sustainable basis; human dimensions of resource management and utilization; and dissemination of information on ecology and natural resource management to the public, corporations, and government and non-government agencies.

Research programs are conducted at several levels of biological integration, ranging from the study of individual plants and animals to populations and communities to small- and large-scale ecosystems. These efforts support a better understanding of the ecology, management and utilization of natural resources. An over-riding goal is to better sustain our natural resources in terms of diversity, resiliency and productivity.

Contact: 515/294-6148

ApplicationDeadlines:

Applications are reviewed as they arrive; they can be received and acted upon at any time. Although there is no fixed deadline, most students are admitted for fall semester. For admission fall semester, assistantship offers are usually made by April 1.

University of Iowa

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.registrar.uiowa.edu/registrar/catalog//CollegeofLiberalArtsandSciences/BiologicalSciences.html>

All members of the biological sciences faculty engage in research that addresses fundamental questions in the biological sciences. Areas of departmental research include cell and developmental biology, evolutionary biology and ecology, genetics and biotechnology, neurobiology, and plant physiology and molecular biology.

Graduate programs in biological sciences are designed to train scientists in the principles and practice of biological research in preparation for positions in education, industry, or government. The Doctor of Philosophy program primarily prepares students to become principal investigators of independent research projects and to hold faculty positions at colleges and universities. Students who complete their academic training with the Master of Science are prepared to participate in research or teach at the community college or secondary school level.

Contact: 319-335-1092

ApplicationDeadlines:

Fall semester January 10
Spring semester October 1
Summer session not offered

IOWA

USA

University of Iowa

Department of Psychology

DegreesOffered: MA, PhD

<http://www.uiowa.edu/admissions/graduate/programs/program-details/psych-phd.html>

Graduate training is organized in six broad areas: behavioral and cognitive neuroscience, clinical psychology, cognition and perception, developmental psychology, health psychology, and personality and social psychology. Each entering student is expected to identify one of these as his or her primary area and to follow a program that develops thorough understanding of the substantive material and methods of investigation central to that subdiscipline. While pursuing specialty training, all students must meet course requirements in statistics and research methods and in content areas other than their primary one.

The training area programs are sufficiently flexible to permit students to develop substantial competence in a second training area. Individually tailored programs are possible.

Contact: 319-335-2450

The Kenneth W. Spence Laboratories of Psychology and adjoining space in Seashore Hall include a variety of laboratories for human and animal studies. Facilities include animal housing areas; a histology laboratory; observation suites with remote audiovisual control and recording equipment; soundproof chambers; electrophysiological recording rooms; conditioning laboratories; the Seashore Clinic; and well-equipped electronic, mechanical, and woodworking shops.

ApplicationDeadlines:

Fall semester January 1

Spring semester not offered

Summer session not offered

KANSAS

USA

Emporia State University

Department of Biological Sciences

DegreesOffered: MS, MA

<http://www.emporia.edu/biosci/biology.htm>

The graduate program of the Department of Biological Sciences is designed to qualify persons for continued graduate work at the doctoral level; for teaching biology in high schools, community colleges, and liberal arts colleges; and for employment in various fields of biology, including certain fields of applied biology.

Contact: (620) 341-5623

ApplicationDeadlines:

Review of applications of applications to fill available spaces begins March 1 for Fall enrollment and November 1 for Spring enrollment. Although late applications may be considered, there is no assurance that open spaces will be available.

Kansas State University

Division of Biology

DegreesOffered: MS, PhD

<http://www.k-state.edu/biology/bio/grad/>

Graduate opportunities are available, in all areas of biology, including developmental biology, ecology, wildlife biology, cancer biology, virology, physiology, immunology, parasitology, and molecular genetics.

Contact:

ApplicationDeadlines:

University of Kansas

Department of Ecology and Evolutionary Biology

DegreesOffered: MA, PhD

<http://www.ku.edu/~eeb/index.html>

The Department includes four recognized programs: Ecology and Population Biology; Entomology; Plant Biology; and Systematics, Macroevolution, and Biodiversity. The programs are flexible units for the establishment of graduate curricula, faculty recruitment, and intellectual development. The interests of many faculty members overlap program boundaries. the programs help graduate applicants identify potential advisors. Dissertation committees often are composed of faculty members from multiple programs and departments.

Contact:

molecular systematics lab; visual, chemical and acoustic communication labs; environmental chambers; insectaries; greenhouses; extensive museum collections; flight chambers

ApplicationDeadlines:

If you wish to be considered for any of a number of University fellowships and assistantships, all application materials for fall admission must be submitted before January 10. Applications may be accepted after this date, but financial aid through the department may not be available for late applicants.

KANSAS

USA

Wichita State University

Department of Psychology

DegreesOffered: PhD

<http://psychology.wichita.edu/Generalpsych/info.htm>

Admission to a graduate degree program is based primarily upon an applicant's previous academic record; therefore, two official transcripts of all previous academic work must be submitted along with the Application for Admission to the Graduate School and as well as other admission credentials such as four reference letters, Graduate Record Examination scores, and grade point average scores. (Programs: Clinical Ph.D. Program, Community Ph.D. Program, Human Factors Ph.D. Program).

Contact: (316) 978-3170

ApplicationDeadlines:

February 1 for (clinical) or March 1 for (human factors and community) for enrollment the following fall.

Wichita State University

Department of Biological Sciences

DegreesOffered: MS

<http://webs.wichita.edu/?u=bioscience&p=/academics/mDegree/msBioIndex/>

The Master of Science program offered by the Department of Biological Sciences provides an advanced education under either the research thesis option or nonthesis option. A variety of specializations in the broad areas of microbiology, cell, molecular, endocrine, reproductive, and environmental biology are available. All incoming students are assigned to a temporary graduate adviser; typically by the end of the first year, students choose a permanent graduate adviser and committee. The advisers work with the student to develop a plan of studies that meets the student's educational goals.

Contact: (316) 978-6090

ApplicationDeadlines:

Application materials for graduate assistantships and fellowships, reviewed four times a year, must be received by the Department of Biological Sciences at least two weeks before awards are announced on April 15, June 15, August 15, and December 15.

KENTUCKY

USA

Eastern Kentucky University

Department of Biological Sciences

Degrees Offered: M.S.

<http://www.biology.eku.edu/>

Our Department provides coursework and research opportunities leading to a Master of Science degree in Biology. For those with interests in ecology, we also offer an M.S. degree with an option in Applied Ecology. We have an excellent department consisting of faculty with a variety of teaching and research interests, including aquatic biology, animal behavior & ecology, plant systematics & ecology, wildlife & conservation biology, cellular & molecular biology, and microbiology. We offer a low faculty:graduate student ratio (typically about 1.5:1) and, as a result, faculty can work closely with students in all aspects of their graduate programs.

Contact:**Application Deadlines:**

The application deadline for fall semester is 1 August (however, to be considered for a teaching assistantship, applications must be complete by 1 April). For those seeking admission for spring semester, the application deadline is 1 December.

University of Kentucky

Department of Entomology

Degrees Offered: MS, PhD

<http://www.uky.edu/Ag/Entomology/enthp.htm>

The Department of Entomology offers graduate work leading to the Master of Science (Plan A -- Thesis and Plan B -- Non-thesis) and the Doctor of Philosophy degrees. Individual graduate programs are planned by students in consultation with their advisor and the Director of Graduate Studies. Study and research are available in various areas of entomology including acarology, applied entomology, araneology, behavior, biochemistry, biological control, ecology, genetics, host plant resistance, insect biology, medical and veterinary entomology, molecular biology, physiology, systematics, and taxonomy. The discipline of entomology, similar to all agricultural and biological sciences, has evolved significantly during the past two decades and continues to undergo rapid changes. To increase flexibility in the core curricula, the PhD and MS core curricula are the responsibility of the graduate faculty in Entomology.

Contact: Kenneth V. Yeargan 859/257-7454 kyeargan@uky.edu

Center for Ecology, Evolution & Behavior; ecological computer facility; ecological resource facility

Application Deadlines:

Applications may be submitted at any time.

KENTUCKY

USA

University of Kentucky

Department of Biology

DegreesOffered: MS, PhD

<http://www.as.uky.edu/biology/>

The Biology Graduate Program (BGP) is the formal graduate-training unit closely associated with the Department of Biology. The BGP offers Master of Science and Doctor of Philosophy degrees in Biology, but doctoral training is strongly emphasized. Although we welcome applications from students who have completed (or are nearing completion of) a Master's degree, Master's training is not a prerequisite for applying to our doctoral program. Applicants are selected for admission based on their overall academic record and on their expressed interest in research areas corresponding to individual faculty or graduate program training areas

Contact: 859-257-2729

Ecological Research Facility, Computing

ApplicationDeadlines:

International Students: February 1 for FALL semester, June 15 for SPRING semester

University of Louisville

Department of Biology

DegreesOffered: MS, PhD

<http://www.louisville.edu/a-s/biology/>

A broad range of courses are taught in most biological disciplines, although the Department is focused in two major directions. The Divisions of Molecular, Cellular, and Developmental Biology (MCD) and Evolution, Ecology and Behavioral Biology (EEB) incorporate current areas of special interest in environmental microbiology, population and microbial genetics, developmental biology, plant and animal physiology, metabolism, phycology, plant and animal ecology, behavioral ecology, invertebrate zoology, entomology, and community and ecosystem ecology of large rivers, small streams, and wetlands.

Contact: Joseph M. Steffen 502-852-6771 Joe.Steffen@louisville.edu

ApplicationDeadlines:

Deadline for completed applications to be reviewed are: July 15 for Fall admission, December 1 for Spring admission, and April 15 for Summer admission. If these dates fall on a weekend, the deadline is the next working day.

Western Kentucky University

Department of Biology

DegreesOffered: MS

<http://bioweb.wku.edu/>

The WKU Biology department offers the Master of Science in Biology degree. Training in Biology provides many opportunities in teaching, research, and public service and provides excellent preparation for many other areas of basic and applied sciences.

Contact:

ApplicationDeadlines:

LOUISIANA

USA

Tulane University

Department of Psychology

DegreesOffered: PhD

<http://pandora.tcs.tulane.edu/psych/index.cfm>

Graduate studies leading to the Ph.D. degree in psychology are designed to offer the student training in a major research area within psychology, expertise in quantitative and design methodology, and varied research opportunities. The department focuses on three areas of research concentration: I). Behavioral Neuroscience, II). Developmental and School Psychology, and III). Social and Industrial/ Organizational Psychology. Within these research training areas, students may obtain either a nonapplied (e.g., Developmental, Social, Behavioral Neuroscience) or applied (i.e. Industrial/Organizational and School) Ph.D. degree. Students also may specialize in Quantitative Methods, but also should have a substantive focus in one of the concentration areas. Further information about training in these areas can be obtained by contacting faculty within each concentration

Contact: Department of Psychology (504) 865-5331 psych@tulane.edu

ApplicationDeadlines:

Applications for all graduate programs in Psychology must be submitted by January 15.

Tulane University

Department of Ecology and Evolutionary Biology

DegreesOffered: MS, PhD

<http://www.tulane.edu/~ebio/>

The Department of Ecology and Evolutionary Biology offers graduate programs leading to the Master of Science and Doctor of Philosophy degrees. The curriculum is designed to encourage maximum student choice and independence while maintaining a close student-advisor relationship. Students are encouraged to adopt a broad, integrative view of science and biological research. Course offerings cover such areas as animal and plant physiology, plant ecology, plant-animal interactions, population biology, structural and evolutionary biology, systematic biology, environmental toxicology, marine/estuarine ecology, and the biology of diverse groups of plants and animals. Students participate in an active departmental seminar program and informal research discussion groups.

Contact: David C. Heins (504) 865-5191 heins@tulane.edu

<http://www.tulane.edu/%7Eebio/resources.htm>

ApplicationDeadlines:

Application for Financial Aid:

February 1 for the following fall semester
(December 31 for the Engineering disciplines
and January 15 for the Department of Psychology).

Without Financial Aid:

July 1 for the fall semester, December 1 for the spring semester, May 1 for the summer sessions.

LOUISIANA

USA

University of Louisiana - Lafayette

Biology Department

DegreesOffered: MS, PhD

<http://biology.louisiana.edu/>

The choice of a graduate program, major advisor, and research topic are among the most important decisions to be made in the course of an academic career. Graduate students should develop an independent line of inquiry within the scope of their major advisor's research experience and resources. The Graduate Programs in Biology at UL Lafayette provide students with opportunities to pursue advanced studies in many areas of biology that are united by a general emphasis in environmental and evolutionary biology.

Prospective students should study the research interests of each faculty member. A brief summary of major research interests is listed for each faculty member. Consider that each incoming student must identify a major advisor, with whom s/he will work closely, and several other faculty to serve on an advisory committee. New graduate students will contact these prospective committee members soon after arriving on campus.

Contact:

5 research laboratories

ApplicationDeadlines:

Applicants for financial assistance should submit the appropriate form to the Graduate School Office along with other application materials by February 1 to ensure full eligibility for funding in the Fall Semester. Late applications may be considered for funding via remaining open progr

University of Louisiana - Monroe

Department of Psychology

DegreesOffered: MS

<http://www.ulm.edu/cehd/psychology/index.html>

The goal of the Master of Science in Psychology program with a concentration in General Experimental Psychology is to place our students in competitive doctoral programs once they complete their studies. In addition, as a result of two years of intensive research training, hopefully, our students will obtain maximum funding at the doctoral institution of their choice.

The Psychometric-preclinical program has two goals. The first is to prepare students to work in the field of clinical psychology at the graduate level, especially in the area of psychological assessment. The second is to prepare those students who wish to obtain a doctorate in clinical psychology to succeed in that endeavor.

The goal of the School Psychology program is to provide training for students interested in the application of Psychology within educational systems in order to provide conditions for optimal growth and development for all children. The School Psychology program will provide educational experiences relevant to a multicultural population and shall promote understanding of, respect for, and responsiveness to cultural diversity.

Contact: Joe McGahan

318-342- 1338

mcgahan@ulm.edu

ApplicationDeadlines:

LOUISIANA

USA

University of Louisiana - Monroe

Department of Biology

DegreesOffered: MS

<http://www.ulm.edu/biology/index.htm>

The focal point of a graduate student's program in Biology is the research project. As in course work, greater student initiative is demanded. It is expected that the student will participate not only in data collection and analysis for his/her thesis research project, but will contribute to the development of the project. The intellectual growth of the graduate student demands increased critical thinking skills. Students completing our program generally find employment in the private or government sectors, or pursue a Ph.D. in their specialty.

Contact: Dr. Ann Findley; Dr. Frank Pezold; Dr. (318) 342-1790 afindley@ulm.edu; pezold@ulm.edu;
Kim Marie Tolson tolson@ulm.edu

ApplicationDeadlines:

MAINE

USA

University of Maine

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.umesci.maine.edu/biology/graduate.htm>

The Biological Sciences faculty covers a broad spectrum of fields of study, ranging from molecular and cell biology, through system- and organism-level biology, to ecology; and it applies that research to a diversity of groups among lower and vascular plants, fungi, and invertebrate and vertebrate animals. Areas of specialization represented among the faculty include the following:

Animal Behavior and Behavioral Ecology, including chronobiology, feeding behavior, foraging, host plant selection, reproductive behavior, and predator-prey interactions. (<http://www.umesci.maine.edu/biology/behav.htm>)

Contact: Ms. Bonnie L. Morgan

ApplicationDeadlines:

Suggested deadline for Fall admission is January 15. Applicants are automatically considered for teaching and research assistantships.

University of Maine

Department of Wildlife Ecology

DegreesOffered: MS, PhD, MWC

http://www.wle.umaine.edu/used_text%20files/grad_program.htm

Since its inception in 1935, the Wildlife Ecology Program at the University of Maine has developed a tradition of excellence in the graduate-level training of wildlife professionals. In recent years, our program also has broadened to be part of interdisciplinary programs in Conservation Biology and Ecology and Environmental Sciences at the University of Maine. Our graduates work for a wide variety of agencies and organizations across the United States and in many other nations.

Contact:

ApplicationDeadlines:

Suggested deadline for Fall admission is January 15. Assistantships often have unique deadlines, but since most assistantships begin in September, complete applications for general submissions should be on file by February 1 for review.

MARYLAND

USA

Johns Hopkins University

Department of Psychological and Brain Sciences

DegreesOffered: PhD

<http://www.psy.jhu.edu/grad/grad.htm>

Graduate students in the Ph.D. program are trained to be knowledgeable about the discipline of psychology and to apply modern experimental and theoretical techniques to specific areas of inquiry within psychology. Training takes place in a variety of formal and informal ways, including graduate courses and seminars, research, and teaching practicum.

Contact: 410-516-7055

ApplicationDeadlines:

MARYLAND

USA

Towson University

Psychology

Degrees Offered: MA, Exp. Psych.

<http://wwwnew.towson.edu/psychology/2.3%20Graduate/index.asp>

The clinical psychology program is committed to meeting the academic and professional needs of two separate constituencies. The first are those individuals wanting to earn a master's degree so as to gain immediate employment providing direct patient care in a community mental health setting. A second group of individuals, many of whom overlap with the first, are those wishing additional academic preparation so as to enhance their chances of being accepted into and successfully completing a doctoral program. Approximately 50% of our graduates go on for further graduate study.

Since its inception in 1968, the graduate program in Clinical Psychology at Towson University, has prided itself on being a small, highly selective program committed to preparing students to become Master's-level professional psychologists. By offering a curriculum that is based upon the professional model of clinical training, graduates of the clinical psychology program will be well equipped to enter the job market with those clinical skills necessary to diagnose and treat individuals experiencing psychological distress. Alternatively, many of our graduates choose to continue their graduate education by going on for a doctoral degree in psychology.

By the time our students complete the clinical psychology program, they will have taken courses that in many ways duplicate the first two years of a Doctor of Psychology (Psy.D.) program. That is, our graduates will have completed courses in psychotherapy and behavior change, preparing them to practice under appropriate supervision as individual, family, and group therapists. They will also have completed advanced seminars in legal and ethical issues in clinical psychology and will have taken electives in cognitive therapy and the behavioral treatment of children and adolescents. In addition, all clinical students receive both theoretical as well as practical, hands-on training in psychological assessment. Such experiences equip our students to effectively administer and interpret psychometric instruments used to conduct intellectual, neurological, and personality evaluations.

A capstone experience requires that all students complete a nine-month internship during which they provide supervised psychological services to clients in an off-campus mental health setting. During the internship year, students can choose to specialize by working primarily with adults, families, or children in either an in-patient or outpatient facility. Among the internship placement sites are community mental health centers and clinics, state psychiatric hospitals, domestic violence crisis clinics, and prisons and detention centers for training in forensic issues. This required nine-month internship is a feature of the program that is offered by relatively few Master's-level clinical psychology programs.

The experimental psychology program is designed to prepare students for subsequent enrollment in Ph.D. programs or for research jobs in industrial, government, private consulting, or hospital settings. Students receive comprehensive instruction in research design, statistical methods (both univariate and multivariate), computer applications (for both data collection and analysis), and can select from a variety of courses in specialized areas of psychology (e.g., ethology/comparative psychology, industrial psychology, learning, neuropsychology, sensation and perception, cognitive psychology, and social psychology).

Contact: Barry A. Bass, Ph.D.

bass@towson.edu

Aquatic and terrestrial animal labs; physiology, histology, and surgery facilities; computer facilities

Application Deadlines:

February 1: Deadline for Towson to receive all application materials.

MARYLAND

USA

Towson University

Biology Graduate Program

DegreesOffered: MS

<http://wwwnew.towson.edu/biologicalsciences/>

The M.S. degree in Biology is intended to provide students with a solid foundation in the major subdisciplines of biological study and advanced training in several select subdisciplines where appropriate. Greater Baltimore is a center of high technology and biomedical research. In addition, the region's rapid growth and development has stimulated concerns about environmental issues and placed strains on the educational system. As a consequence, graduates with master's level training are sought by research facilities and private laboratories, environmental consulting firms, zoos and aquaria, and public and private secondary schools.

Students choose between thesis or non-thesis track

Thesis track: Students choosing the thesis track obtain a degree through a combination of coursework and the completion of a major research project, the results of which are prepared for publication in the form of a thesis. Thesis students concentrate their coursework and research efforts in one of two areas, Molecular, Cellular, and Microbiology, or Organismal Biology and Ecology. The thesis track provides the necessary background and experience for those who plan further study for their Ph.D., for those whose employment requires research training, and for those who wish to teach in community colleges. Graduate teaching and research assistantships are awarded on a competitive basis to full-time thesis students.

Non-thesis track: Students may choose alternatively to obtain a degree entirely through coursework and, optionally, a small research project. This non-thesis track is designed for those who want a broader background on biology, including secondary school teachers. A diverse course offering is available in the evening to accommodate working students.

Contact: Joel Snodgrass (410) 704-5033 jsnodgrass@towson.edu

aviary, greenhouses, cold rooms, model shop, electronics shop, planetarium, natural areas

ApplicationDeadlines:

The deadlines for thesis students requesting Graduate Assistantships are:

- * March 15 for the following Fall semester
- * October 15 for the following Spring semester

The deadlines for non-thesis and thesis students not requesting a Graduate Assistantship are:

- * April 15 for the following Summer semester
- * July 15 for the following Fall semester
- * November 15 for the following Spring semeste

MARYLAND

USA

University of Maryland

Behavior, Ecology, Evolution and Systematics

DegreesOffered: MS, PhD

<http://www.gradschool.umd.edu/catalog/programs/BEES.html>

The Behavior, Ecology, Evolution and Systematics Program (BEES) is an interdepartmental graduate program at the University of Maryland, College Park that offers study leading to the Doctor of Philosophy or Master of Science degrees. Training in the program emphasizes fundamental and applied research in the areas of behavior, ecology, evolution, systematics and related disciplines. Although the BEES Program is administered from the College of Life Sciences, it is truly multidisciplinary, with more than 50 distinguished graduate faculty from ten departments in five colleges at the University of Maryland, as well as more than a dozen outstanding adjunct faculty from several nearby research institutions. Together these individuals comprise one of the largest groups of its kind in the country and have expertise in behavioral ecology, neuroethology, physiological ecology, community ecology, population ecology, evolutionary ecology, evolutionary development, quantitative genetics, population genetics, molecular evolution, human evolution, systematics, genomics and bioinformatics. The goals of the program are to provide access to world-class research facilities, facilitate communication and collaboration among faculty and students, and provide an incomparable environment for training the next generation of outstanding scientists.

Contact: (301)405-4552

ApplicationDeadlines:

Domestic students: Fall- Applications must be received by January 1 (December 1 preferred) .
Spring- This program does not accept applications for this semester.

University of Maryland

Department of Biology

DegreesOffered: MS, PhD

<http://www.gradschool.umd.edu/catalog/programs/BIOL.html>

The Department of Biology offers graduate study leading to the Master of Science (with thesis) and Doctor of Philosophy degrees with specialization in the following fields: behavior, biophysics, cell biology, ecology, estuarine and marine biology, ethology, evolutionary biology, evolutionary developmental biology, molecular biology, neurobiology, physiology, population ecology, and population genetics.

Contact: (301) 405-6905

national zoo; wildlife refuge; Smithsonian Lab of Molecular Systematics; NIH; USDA; Chesapeake Biological Lab

ApplicationDeadlines:

Domestic students: Fall- Applications must be received by February 1 (January 7 preferred) .
Spring- Applications must be received by October 1 (September 1 preferred)

MARYLAND

USA

University of Maryland

Department of Animal and Avian Sciences

DegreesOffered: MS, PhD

<http://www.gradschool.umd.edu/catalog/programs/ANSC.html>

The Graduate Program in the Animal Sciences offers graduate study leading to the Master of Science and Doctor of Philosophy degrees. The master's degree program offers the thesis option.

Contact: 301- 405-5781

ApplicationDeadlines:

Domestic students: Fall- Applications must be received by May 15 (February 1 preferred) .

Spring- Applications must be received by October 15 (June 1 preferred) .

MARYLAND

USA

University of Maryland

Center for Environmental and Estuarine Studies

Degrees Offered: MS

<http://www.al.umces.edu/gradedmain.htm>

The Appalachian Laboratory (AL) of the University of Maryland Center for Environmental Science (UMCES) has a strong history of involvement in graduate education. Although not part of a degree-granting campus, AL plays a leadership role in both the Marine - Estuarine - Environmental Sciences (MEES) Program at the University of Maryland, College Park (UMCP) and the graduate programs of the Department of Biology at Frostburg State University (FSU). Both the courses offered and types of student research directed by AL faculty reflect strengths in landscape and watershed ecology, aquatic ecology, conservation and restoration ecology, and evolutionary and behavioral ecology.

University of Maryland:

The MEES Program is an inter-disciplinary effort of the University System of Maryland. MEES is organized around six areas of specialization (AOS's):

- * Ecology
- * Environmental science (with a subprogram in environmental management/policy)
- * Oceanography (both physical and biological)
- * Environmental molecular biology/biotechnology
- * Environmental chemistry
- * Fisheries science (including fisheries ecology, fisheries management, and aquaculture)

Frostburg State:

Through its Department of Biology, Frostburg State University offers M.S. degrees in either Wildlife/ Fisheries Biology (WFB), or Applied Ecology and Conservation Biology (AECB, including the new track in Landscape and Watershed Ecology, described below). See the FSU Graduate Catalog - Biological Sciences (pdf) for more information. AL faculty direct graduate students in either of these degree programs. Both programs have core course requirements. Elective courses to complete degrees in WFB or AECB generally come from four departments: Biology, Geography, Economics, and Mathematics. Currently the AL faculty and administration are pursuing the potential for a sub-program in Landscape and Watershed Ecology within FSU's AECB degree.

Contact: Dr. Scott Fritz

301 689 4306

rfritz@frostburg.edu

The Appalachian Laboratory is located in the scenic mountains of western Maryland with numerous opportunities for outdoor recreation including hiking, mountain biking, skiing, snow shoeing, kayaking, rafting, and fishing. The lab is located within less than an hour's drive of many Maryland State Parks and Attractions.

Application Deadlines:

Before academically eligible students are admitted, they must be accepted by a faculty advisor; many such students are not accepted into these graduate programs for lack of an advisor. Thus, prospective students interested in working with AL faculty advisors should correspond directly with AL faculty members having similar research interests about potential research projects and assistantships.

MARYLAND

USA

University of Maryland

Marine-Estuarine-Environmental Sciences

DegreesOffered: MS, PhD

<http://www.gradschool.umd.edu/catalog/programs/MEES.html>

The specific objective of the university-wide Graduate Program in Marine-Estuarine-Environmental Sciences (MEES) is the training of qualified graduate students, working toward the M.S. or Ph.D. degree, who have research interests in fields of study that involve interactions between biological, physical and chemical systems in the marine, estuarine, freshwater or terrestrial environments. The program comprises six areas of specialization: Ecology, Environmental Chemistry, Environmental Molecular Biology/Biotechnology, Environmental Science, Fisheries Science, and Oceanography. Students work with their Research Advisory Committee to develop a customized course of study based on research interests and previous experience.

Contact: (301) 405-6938

ApplicationDeadlines:

Domestic students: Fall- Applications must be received by February 1 (December 1 preferred) .

Spring- Applications must be received by September 1 (August 1 preferred) .

MASSACHUSETTS

USA

Boston University

Biology Department

DegreesOffered: Ph.D., M.S., B.A., B.S.

<http://www.bc.edu/schools/cas/biology/>

The Biology Department at Boston College is a unique department, combining a powerful and expanding research environment with the strength of a department that is fully committed to undergraduate and graduate education. The Biology Department, which is housed in the newly renovated and expanded Higgins Hall, has a wide variety of state-of-the-art equipment for use by students and faculty. Graduate research and training in the Biology Department focuses on neurobiology, infection and immunity (including host-parasite interactions), molecular cell biology & genetics, developmental biology, cell cycle biology, and bioinformatics. Undergraduate research and training emphasizes the above foci; in addition, undergraduates can conduct research, and earn a minor in, Environmental Studies. The Boston College Environmental Studies Program is designed to provide students with a fundamental knowledge of the structure and function of ecological systems, particularly as they relate to the interface between natural and urban environments.

Details on the Ph.D. program can be viewed at:

<http://www.bc.edu/schools/cas/biology/graduate/phd/>

Details on the M.S. program can be viewed at:

<http://www.bc.edu/schools/cas/biology/graduate/ms/>

Details on the undergraduate program can be viewed at:

<http://www.bc.edu/schools/cas/biology/undergrad/>

Contact: Graduate Admission Director 617 552-3540 gradbio@bc.edu

Field stations in New Hampshire and Equador

ApplicationDeadlines:

Applicants for graduate training should have a bachelor's degree and undergraduate course work in calculus, physics, biochemistry, biology, and chemistry, including organic chemistry. Strong consideration is given to letters of recommendation, particularly from faculty closely familiar with the applicant's undergraduate or post-baccalaureate research experience. The application deadline for fall admission is January 15th, but applications received after this date will be evaluated on a continual basis until April 15th. Applications submitted after January 15th may be at a disadvantage for financial aid consideration. All applicants, including those from foreign countries, must complete the Graduate Record Examination. A GRE Subject examination is recommended but not required. Applicants whose native language is not English must achieve a score of 550 or better (written test) or 213 or better (computer-based test) on the Test of English as a Foreign Language (TOEFL)

MASSACHUSETTS

USA

Clark University

Biology Department

DegreesOffered: MA, PhD

http://www.clarku.edu/departments/biology/grad/grad_index.cfm

Clark's Biology Department offers a Ph.D. program concentrated in two broad areas of biology: molecular and cell biology, and ecology and evolution. Applicants are encouraged to contact directly those faculty members whose research interests appeal to them.

Contact: Susan Foster, PhD

sfoster@clarku.edu

The George Perkins Marsh Institute was founded in 1991 to promote and conduct collaborative and interdisciplinary research on human-environment relationships that cover a wide range of re-search themes including risks and hazards, the human dimensions of global environmental change, resource and environmental policy, industrialization and globalization, and the devel-opment and application of Geographic Information Science across multiple disciplines.

The institute fosters team-based research that engages graduate students and research faculty in problem formulation and resolution. By galvanizing research of this kind within Clark Univer-sity, its surrounding community and beyond, the institute affords its research faculty and stu-dents the opportunity to engage in a scale, scope and quality of research that would not be possible otherwise, thus helping to extend Clark's research activities around the world.

The institute is comprised of four centers: CENTED, which contains the Community Based Development Program (CCBD) and the Community Based Hazard Management Program (CBHM); Clark Labs; the Greening of Industry Network; and the newly formed Center for Risk and Security (CRS).

ApplicationDeadlines:

If Clark University is clearly your first choice, we encourage you to apply "Early Decision." By signing the Early Decision statement you agree that, if admitted, you will withdraw all other college applications. The Early Decision deadline is November 15, with notification by early January. A candidate who is deferred under Early Decision will automatically be reconsidered for regular admission in March.

Candidates for admission in September should apply as early as possible, usually during the first grading period of their final year of secondary school. The deadline for applications and supporting credentials is January 15. (November 1 for January admission.)

MASSACHUSETTS

USA

Harvard University

Department of Organismic and Evolutionary Biology

Degrees Offered: PhD

<http://www.oeb.harvard.edu/academic.htm>

Members of the Department of Organismic and Evolutionary Biology share a primary commitment to train scientists pursuing a greater understanding of the evolution of the earth's life processes. More than ever before, human activity places species and ecosystems at risk.

The need for research addressing environmental issues of global proportion has never been more urgent. Together, faculty and students examine significant biological processes which span a continuum from single cells to entire ecosystems.

The department's programs, many of which are interdisciplinary or linked to research in other departments, constitute a frontier of scientific vision in organismic and evolutionary biology. Modern research facilities, combined with the natural history collections and libraries of the Harvard University Herbaria and the Museum of Comparative Zoology, provide unique opportunities for meeting the challenges inherent in this pursuit.

The members of the Department of Organismic and Evolutionary Biology (OEB) share a common interest in understanding the structure, function, and variation of biological systems.

The research interests of the OEB faculty include the flow of energy and material through ecosystems, the development and structure of communities and populations, the diversity of plant, animal, and microbial groups, and the mechanisms that have permitted diversity to evolve. These studies span a wide range of spatial and temporal scales and include many different levels of biological organization.

A variety of theoretical, descriptive, and experimental approaches are used in the laboratory and field studies carried out by members of OEB. We have representation in anatomy, behavior, biogeochemistry, development, functional morphology, physiology, paleontology, population genetics, molecular evolution, systematics, and the biology of global change.

Contact: OEB Graduate Program

grad-programs@oeb.harvard.edu

Application Deadlines:

Applications to the program are due December 15. First-year students are normally accepted for September admission only. Interviews are strongly recommended.

The department only accepts candidates whose interests can be matched with a faculty member. Therefore, it is to the applicant's advantage to speak with prospective faculty advisors early in the admissions process.

MASSACHUSETTS

USA

Smith College

Biological Sciences

DegreesOffered: MS

<http://www.science.smith.edu/departments/Biology/graduate.html>

At Smith we have a small number of graduate students, both men and women, who enjoy the advantages of an individually tailored program, the personalized attention of fine faculty members and access to superb facilities. The master's degree program in the Department of Biological Sciences at Smith College is appropriate for those students with an undergraduate degree in biology who missed the opportunity to engage in research during their undergraduate years and who now wish to obtain an intense research experience prior to applying for jobs or Ph.D. programs. Our master's degree students find that the additional educational experience they receive at Smith places them in an excellent position for obtaining jobs in industry, government, private foundations, law, finance and so on. In addition, some of our master's degree students have continued their education in excellent Ph.D. programs.

Smith is in a particularly good position to teach students at the master's degree level. Unlike many universities, the M.A. at Smith is the terminal graduate degree and, more importantly, it is recognized as valuable degree both to the student and the department. Since Smith has no Ph.D. program and few post-doctoral fellows, our master's students receive a great deal of individual attention and advising. They also are required to take on important responsibilities within the department. For example, master's degree students at Smith assist in courses and are often heavily involved in training undergraduate researchers.

Contact: Dr. Laura Katz (413) 585-3825 lkatz@email.smith.edu

<http://www.science.smith.edu/departments/Biology/facilities.html>

ApplicationDeadlines:

Applicants should contact two or three faculty members who might be appropriate advisors based on the faculty research interests. Identification of appropriate laboratories for applicants will help in the application process as we discuss applications with potential mentors. Because of the emphasis on laboratory-based learning in the master's program, identifying an advisor early also enables students to start their research immediately upon arriving at Smith. Additional information and forms can be obtained from the Smith College graduate office .

To enter a graduate degree program, a student must have a bachelor's degree or its equivalent, an undergraduate record of high caliber and acceptance by the department concerned. All domestic applicants who wish to be considered for financial aid must submit all required application materials before January 15 of the proposed year of entry into the program, and all financial aid forms before February 1. All international applications for a master's degree or for the Diploma in American Studies Program must be received on or before January 15 of the proposed year of entry into the program. The deadline for admission without financial aid to most graduate programs is April 1 of the proposed year of entry for the first semester, and November 1 for the second semester. The exception to this deadline is the Master of Fine Arts in Dance; all applications to that program must be received by January 15.

MASSACHUSETTS

USA

Tufts University

Department of Biology

Degrees Offered: MS, PhD

<http://ase.tufts.edu/biology/graduate/graduate.html>

The Department of Biology offers a program of advanced study and thesis research leading to the degrees of Doctor of Philosophy (Ph.D.) and Master of Science (M.S.) in Biology. Additional information is available by reading the Biology Department Guidelines for Graduate Students [Download PDF] or the Tuft's University Graduate Student Handbook [PDF]. The Program is arranged into six concentrations, each with an advisor and a core of faculty researchers. Befitting the integrative nature of Biology, we encourage interdisciplinary research and collaborations between academic fields.

- * Ecology, Behavior and Evolution
- * Genetics and Molecular Biology
- * Developmental Biology
- * Neurobiology and Animal Behavior
- * Cell Physiology
- * Conservation and the Environment

Students may choose from a wide variety of research topics in each area that is represented by the specialized interests of the faculty, as described under Faculty & Research at this site. An important feature of our program is the opportunity for students in each area to interact with students and faculty in the other areas, which often leads to exciting new ideas for innovative cross-disciplinary research.

The department consists of twenty one full-time faculty. There are typically about twenty to twenty-five graduate students in the program, mostly Ph.D. candidates. This low faculty-to-student ratio promotes close interaction between students and faculty who work as research collaborators. Our program requirements are flexible, so that graduate training can be individually tailored for each student.

Students interested in Ph.D. or M.D./Ph.D. programs in the biomedical sciences should also consult the Sackler School of Graduate Biomedical Sciences. A joint Biology/Biotechnology graduate program, administered through the Tufts Biology Department, is designed for students whose interests lie in applied aspects of molecular biology and biotechnology: more information about this program can be found in the Biotechnology Program. Additional information about master's programs in environmental studies can be found at Tufts University's Department of Urban and Environmental Policy and Tufts University's School of Nutrition.

General graduate student information is available on the Graduate Student Council's website at:
<http://ase.tufts.edu/gsc/housing.html>

Contact: Graduate and Professional Studies (617) 627-3395

Laboratories are available for the study and investigation in selected areas of biochemistry and molecular biology, cell biology, genetics, physiology, plant sciences, behavior, and ecology. Controlled-environment rooms, marine and fresh-water aquariums, and a green house are among the diversified resources for the study of living organisms. Fieldwork experience at marine laboratories or other biological stations is encouraged.

Application Deadlines:

Application deadlines vary by program.

MASSACHUSETTS

USA

University of Massachusetts - Amherst

Psychology Department

Degrees Offered: PhD

<http://euryale.sbs.umass.edu/PsychWeb/Grad/>

The aim of our graduate program is to train doctoral candidates to become high level researchers and teachers in the areas of neuroscience, cognitive psychology, developmental psychology, social psychology, the psychology of peace and the prevention of violence, and clinical psychology. Students in the clinical program also acquire excellent clinical skills in intake, diagnosis, and therapy. Our graduate students are supported as trainees on training grants, by fellowships from various private foundations and public agencies as well as the University, by research assistantship and teaching assistants, and by clinical internships.



Over the course of its 50+ year history, the Department has graduated over 500 Ph.D.s who are currently employed at leading universities and colleges around the U.S., at research and development institutes, with industry, and in various federal, state, and community social service programs and agencies. Our recent graduates have begun their professional careers in faculty positions in academic programs and medical schools, as practitioners in hospital and mental health facilities, as postdoctoral fellows, as researchers in business, industrial, hospital, and mental health settings, and as academic administrators and private practitioners.

In addition to graduate training, the department offers advanced training at the postdoctoral level. Our training grants provide postdoctoral traineeships in several fields. A number of our faculty regularly attract postdoctoral students who have their own grants, and other faculty provide postdoctoral stipends on their research grants. Finally, our Clinical Program offers an APA (American Psychological Association) approved course of studies in clinical training as well as a Respecialization Program in which individuals who have received their Ph.D.s in some field of psychology other than clinical psychology can obtain training to become licensed practitioners.

Contact: Ms. Linda Perry (413) 545-2503 lperry@psych.umass.edu

The University of Massachusetts Psychology Department is a major research and graduate training facility which houses a variety of specialized facilities. These facilities provide clinical services, contract research services, educational services, support for developmental research, etc.

Application Deadlines:

The deadline for receipt of all material for admission to all non-clinical psychology programs is February 1 to enroll the following fall (September). For applicants interested in clinical psychology, the deadline is December 1.

MASSACHUSETTS

USA

University of Massachusetts - Amherst

Neuroscience and Behavior

Degrees Offered: MS, PhD

<http://www.bio.umass.edu/biology/grad.phtml>

The Neuroscience and Behavior (NSB) graduate program at the University of Massachusetts Amherst reflects both the diversity and interdisciplinary focus of research in this exciting field. A broad range of departments and academic colleges are represented by participating faculty members and postdoctoral research fellows. A number of faculty from four nearby colleges (Amherst College, Smith College, Mount Holyoke College, and Hampshire College) also have affiliations with the NSB Program, thereby enhancing both the expertise and scholarly resources that are available to the NSB Program and graduate students.

Five broadly defined areas of research and training are represented in the NSB Program. These are (1) Neuroendocrinology, (2) Molecular and Cellular Neuroscience, (3) Animal Behavior and Learning (4) Neural and Behavioral Development, and (5) Sensorimotor, Cognitive, and Computational Neuroscience. More information about these research areas may be found under The Program in Neuroscience and Behavior. State-of-the-art facilities are available for neural and behavioral studies at all levels of investigation from molecules to whole organisms. Indeed, many researchers within the NSB Program are carrying out multidisciplinary studies that cut across multiple levels of analysis.

Recognizing that prospective students come to the NSB Program with a broad range of background interests and career goals, substantial flexibility in individual student research and course work is a major feature of graduate training through our program. Core courses are intended to provide a common base of knowledge in contemporary neuroscience and behavior with respect to fundamental concepts in neurobiology, brain function and behavior, and animal behavior and learning. In addition, a broad selection of elective courses enables students to pursue more specific interests in completing their curriculum. In order to gain experience in the design and conduct of research prior to the doctoral comprehensive examination and doctoral dissertation, all NSB students (except for those who enter with a Master's thesis already) carry out a supervised Major Research Project during the first two years of graduate training. The NSB Program also provides a major colloquium series and a noon seminar series, as well as a variety of journal clubs with major participation by graduate students and faculty.

The University of Massachusetts Amherst Neuroscience and Behavior graduate program offers a comprehensive, integrated, and flexible graduate training program in a stimulating educational environment located in one of the most beautiful areas of western New England. We welcome the opportunity to provide you with further information about the program via the director's office.

Contact: M.S. Kaulenas, Dept. Chairman (413) 545-2046 nsb@bio.umass.edu

Numerous opportunities exist for predoctoral and postdoctoral research, including several jointly sponsored projects. Ongoing research involves techniques ranging from those used in study of single cells to analysis of behavior of animals housed individually or in groups.

Computer modelling of neural systems is also an active area of interest of several participating faculty. Individual labs and research facilities are located in the Morrill Science Center (Microbiology, Molecular and Cellular Biology, and Biology), Tobin Hall (Psychology), and the Graduate Research Center (Biochemistry and Computer Science). Major research capabilities include electrophysiological recording set-ups, neurochemistry, image analysis, HPLC and gas chromatography, electron microscopy, recombinant DNA and monoclonal antibody work, tissue culture, neurotransmitter and hormone receptor assays, etc. Additional specialized equipment is available in the other physical and life sciences departments of the University of Massachusetts and the other four institutions of the Five College consortium.

MASSACHUSETTS

USA

<http://www.umass.edu/neuro/program/facilities.htm>

ApplicationDeadlines:

The Graduate School has established February 1st for summer/fall admission as the latest deadline for submitting a completed application; however, many programs have established earlier deadlines.

For Spring/January admission the deadline is October 1st for all programs which offer entrance in January.

Applications postmarked after the deadline will be forwarded to the appropriate program, but the anticipated entrance date will be “bumped” to the next admissions cycle for that program. Late applications can only be considered at the discretion of the reviewing program.

MASSACHUSETTS

USA

University of Massachusetts - Amherst

Organismal and Evolutionary Biology

Degrees Offered: MS, PhD

<http://www.bio.umass.edu/oeb/>

The Graduate Program in Organismic and Evolutionary Biology (OEB) is an interdepartmental graduate program committed to providing graduate students with the training to answer broad questions in ecology, evolutionary biology, and organismal biology using the most current tools and technologies. OEB's primary mission is to train MS and PhD students. Our students and faculty bridge the gap between applied and basic research, and examine biological processes ranging from the molecular to the ecosystem level.

Our faculty and students conduct research on a wide range of topics which include:

Ecology community ecology ≠ population ecology ≠ landscape ecology ≠ conservation biology
 Evolutionary Biology evolution ≠ phylogenetics ≠ population genetics ≠ molecular evolution
 Animal Behavior behavioral ecology ≠ communication ≠ learning
 Organismal Biology physiology ≠ morphology ≠ paleontology

OEB includes more than 75 faculty from ten departments within the College of Natural Sciences and Mathematics, the College of Natural Resources and the Environment, the College of Social and Behavioral Sciences, and other on- and off-campus institutes and organizations. Additional members are drawn from the other campuses in the Five College Community (Amherst, Hampshire, Mt. Holyoke, and Smith Colleges). Three other interdepartmental programs train graduate students in the life sciences (Molecular and Cellular Biology, Neuroscience and Behavior, and Plant Biology).

With approximately 40 students, we are large enough to provide the opportunity for a wide range of interactions among students, but small enough so that students form a cohesive group. OEB is structured to offer broad flexible training. There are few formal course requirements. Instead, each student's committee tailors a program of coursework to the student's background and areas of research interest. Students are encouraged to seek extramural funding and publish their research before they complete their degrees. Students graduating from our program are well prepared to seek permanent research or teaching positions in higher education, government agencies, or museums.

OEB also promotes collaboration among faculty interested in ecology, organismal and evolutionary biology and advocates for these fields on this campus and in the wider community. Despite the diversity of disciplines, approaches and affiliations represented throughout OEB, we are united by our shared commitment to the study of organismal biology. With OEB as an umbrella, our graduate research and training missions form a focused program, with a national reputation.

A cornerstone of the program is the nationally-recognized Darwin Postdoctoral Fellowship Program. This program brings two recent PhD's to OEB, where they teach, conduct research and serve as mentors to OEB graduate students.

Amherst, Massachusetts is located in the scenic Connecticut River Valley of western Massachusetts. Easy access to the major metropolitan areas of the Northeast complements the rural beauty of this area. Our location is ideal for students to combine field and laboratory research. Our proximity to many habitats in the Connecticut River Valley, and New England generally, means that students can select among diverse organisms and habitats. Our systematic collections include a regionally important herbarium and superb holdings for teaching vertebrate systematics, as well as entomology. There is also a special collection for physical anthropology and primatology. Our greenhouse collections feature systematic botanical examples representing the global diversity of plants. Many OEB members have strong ties with state and federal agencies, offering a wealth of opportunities for collaborative research.

Contact: OEB Office

413 545-0928

oeb@bio.umass.edu

The interdepartmental Graduate Program in Organismic and Evolutionary Biology (OEB) focuses on organismic structure,

MASSACHUSETTS

USA

function, diversity, behavior, ecology and evolution. OEB unites more than 80 faculty from ten departments within the College of Natural Sciences and Mathematics, the College of Natural Resources and the Environment, the College of Social and Behavioral Sciences, and other on- and off-campus institutes and organizations. We also draw members from the Five College Consortium (Amherst, Hampshire, Mt. Holyoke, and Smith Colleges). Our faculty members are listed below, with links to their departmental webpages. The faculty listed on this page are currently either training OEB students or are interested in taking on new students.

Application Deadlines:

Admission is competitive. Application materials must be submitted to the Graduate School by January 15 for admission in September. Most admission decisions are completed by March.

Applicants must contact faculty with whom they propose to study prior to filing an application.

MASSACHUSETTS

USA

University of Massachusetts - Amherst

Wildlife and Fisheries Conservation

Degrees Offered: MS, PhD

<http://www.umass.edu/nrc/graduate/index.html>

Wildlife and Fisheries Conservation is a major branch of applied ecology and encompasses all areas of scientific endeavor relating to management of these resources. The prime impetus for our graduate program in wildlife and fisheries conservation is the need for an adequate science base and appropriate experience for decision-making. We conduct basic and applied research at the organismal, population, community, and ecosystem levels, and provide for specific professional training in several important concentration areas. A major portion of our research focuses on relationships between animal species and their supporting aquatic and terrestrial environments. Basic research priorities are guided by the specialization of individual faculty members, whereas applied research is directed toward satisfying the scientific needs of public agencies for their regulatory and management responsibilities. Our professional programs provide extensive academic and on-the-job training in the areas of natural resources conservation, data analysis, and education; these are areas of particular faculty expertise and ones we believe serve important roles in wildlife and fisheries management and conservation efforts.

The Interdisciplinary Graduate Programs include Organismal and Evolutionary Biology, Plant Biology, and Public Policy and Administration. Many NRC faculty are members of one or more of these programs, so it is possible for graduate students to work with an NRC professor as their major advisor while studying in these interdisciplinary programs. Visit their web sites for more information.

Contact: Kevin McGarigal

413 577-0655

mcgarigalk@forwild.umass.edu

The Graduate Program in Forest Resources is a center for advanced study and research in a broad range of topics related to forest resources, including forest ecology and management, watershed and wetlands science, urban forestry and arboriculture, building materials and wood technology, human dimensions and natural resource policy, and remote sensing/geographic information systems applications in natural resources. In addition, collaboration with the Graduate Program in Wildlife and Fisheries Conservation provides strength in forest wildlife biology with a focus on the interaction between forest management and wildlife habitats and populations at both the stand and landscape level. Because of the University's location in southern New England, much of the research in natural resources deals with complex problems involving both biological and social issues in a landscape that is a mixture of urban, suburban, and rural areas. However, research programs are not limited to these problems; graduate students conduct projects and find employment throughout the world.

The Wildlife and Fisheries Conservation focuses on a major branch of applied ecology and encompasses all areas of scientific endeavor relating to management of these resources. The prime impetus for our graduate program in wildlife and fisheries conservation is the need for an adequate science base and appropriate experience for decision-making. We conduct basic and applied research at the organismal, population, community, and ecosystem levels, and provide for specific professional training in several important concentration areas. A major portion of our research focuses on relationships between animal species and their supporting aquatic and terrestrial environments. Basic research priorities are guided by the specialization of individual faculty members, whereas applied research is directed toward satisfying the scientific needs of public agencies for their regulatory and management responsibilities. Our professional programs provide extensive academic and on-the-job training in the areas of natural resources conservation, data analysis, and education; these are areas of particular faculty expertise and ones we believe serve important roles in wildlife and fisheries management and conservation efforts.

Application Deadlines:

The Graduate School has established February 1st for summer/fall admission as the latest deadline for submitting a completed application; however, many programs have established earlier deadlines.

MASSACHUSETTS

USA

For Spring/January admission the deadline is October 1st for all programs which offer entrance in January.

Applications postmarked after the deadline will be forwarded to the appropriate program, but the anticipated entrance date will be "bumped" to the next admissions cycle for that program. Late applications can only be considered at the discretion of the reviewing program.

University of Massachusetts - Boston

Biology Department

DegreesOffered: MS

<http://www.bio.umb.edu/graduate/>

This MS program is designed to accommodate students with various backgrounds in science who wish rigorous training leading to the MS degree. It offers research and study in a wide variety of areas. Faculty have expertise in the following: cell biology, microbiology, molecular biology, neurobiology, physiology, plant sciences, and population and evolutionary biology.

Prospective applicants may also be interested in several academic offerings involving cooperation between the Biology Department and the Environmental, Coastal and Ocean Sciences (ECOS) Graduate Program. These are described below under Biology and ECOS. In addition, the Biology Department offers a master of science program in Biotechnology and Biomedical sciences.

Contact: Greg Beck

617 287-6619

greg.beck@umb.edu

Extensive resources are available to students in the program for advanced study in behavior, biochemistry, conservation biology, cytology, developmental cell biology, ecology, ethnobotany, microbiology, molecular biology, and plant and animal physiology.

Among the program's facilities are research laboratories, instrument rooms, warm and cold environment rooms and chambers, an aquarium room, greenhouses, animal quarters, and vehicles and boats for field work. Research equipment includes transmission and scanning electron microscopes, DNA sequencers, a phosphorimager, freeze sketch apparatus, high performance liquid chromatographs, gas chromatographs, mass spectrometers, a variety of spectrophotometers, an amino acid analyzer, preparative and ultracentrifuges, beta/gamma counters, tissue culture facilities, cryogenic and ultra cold storage, and a CO₂ gas analyzer. A wide variety of microcomputers and printers is available throughout the University. Considerable mainframe computing capability is provided campus wide by a Digital VAX cluster through a fiber optics-based high speed data communications network.

The University's campus is on Boston Harbor, where programs focusing on the biology of the harbor environment and terrestrial biology are emphasized. The University's marine station on Nantucket Island offers further resources for research in aquatic and terrestrial biology.

ApplicationDeadlines:

Fall admission - April 1

Spring admission - October 1

MASSACHUSETTS

USA

Woods Hole Oceanographic Institution

Biology Department

DegreesOffered: MS, PhD

<http://www.whoi.edu/page.do?pid=7999>

MIT/WHOI Joint Program in Oceanography and Applied Ocean Science and Engineering - Degrees of Doctor of Philosophy (Ph.D.) and Doctor of Science (Sc.D.) are offered in oceanography jointly by WHOI and MIT. Master's programs are available in some disciplines. Students may concentrate in one or more of the following areas: chemical oceanography, marine geology, marine geophysics, physical oceanography, or biological oceanography. Doctoral, engineer's, and master's degrees in oceanographic engineering are also offered under the Joint Program through the Applied Ocean Physics and Engineering Department at WHOI and any of the following engineering departments at MIT: Civil and Environmental, Mechanical, Ocean Engineering, or Electrical Engineering and Computer Sciences.

For qualified students whose interests are not best served by the Joint Program, programs of advanced study and research may be offered leading to the awarding of a Ph.D. in oceanography by the Woods Hole Oceanographic Institution alone. Cross-registration arrangements with Harvard University and Brown University, and other less formal cooperative agreements with other schools, provide opportunities to develop special academic study programs tailored to the individual needs of the student.

Guest Students - Graduates students who are accepted as student interns in WHOI laboratories on a year-round basis. These are unpaid positions.

Contact: Academic Programs Office

(508) 289-2219

education@whoi.edu

ApplicationDeadlines:

MICHIGAN

USA

Central Michigan University

Biology Department

DegreesOffered: MS

<http://www.cst.cmich.edu/units/bio/>

Graduate programs at CMU include a Master of Science (M.S.) degree emphasizing thesis research.

Contact: Graduate Admissions 989) 774-3227 grad@cmich.edu

ApplicationDeadlines:

For most degree or certificate programs, domestic students should begin the admission process at least 6 weeks before registration for the semester they plan to enroll. International students should begin the process 6-12 months before they intend to begin their graduate studies. While these deadlines apply to most programs, some departments consider all their graduate applications on a specific date.

Be sure to check your program's web site to determine whether there is an application deadline and if supplemental application materials are required in your intended program.

MICHIGAN

USA

Michigan State University

Zoology Department

Degrees Offered: MS, PhD

<http://zoology.msu.edu/academics/graduate.html>

There are five graduate programs in zoology: the Ph.D., Plan A Master's, Plan B Master's, proMSc, and BS/MS. The particular program to which you have been admitted was specified in your original acceptance letter from the Department chairperson.

Research-Oriented Graduate Programs. The department offers two research-oriented graduate programs, the Ph.D. Degree program and the Plan A Master's Degree program. Students in the former prepare a Ph.D. dissertation, whereas those in the latter complete a Master's thesis. Both programs require course work but are strongly organized around original investigation as a core activity. Students in these programs may be eligible (based on funding availability) to receive departmental monetary awards to pay for research supplies, travel to professional meetings, and other professional-development needs.

Plan B Master's Degree. This program emphasizes course work in a curriculum designed to achieve a defined educational objective. Several courses of study are available, leading to specialization in different areas of zoology. A student in this degree program often gains research experience, but he or she ordinarily does not carry out extensive original investigation or write a thesis. Thus, monetary awards for research and travel are not available from the Department for Plan B students. Students in this program are eligible for semester-by-semester teaching assistantship awards but not for any guaranteed financial support.

Professional Master's Degree with Certification. This program is designed for students who are interested in careers in zoos and aquaria. Several professional career areas are emphasized, including: curatorial duties, program management, marketing, personnel management and outreach. This is an intensive 2-year professional program that includes business and communication skill training, as well as advanced knowledge in Zoology. Students will be prepared to enter the zoo or aquarium industry at the managerial level. Although plan A MS candidates are eligible to participate in the ProMSc program, most participants are Plan B candidates. Depending upon degree plan, students are eligible for semester-by-semester teaching assistantships but not necessarily for guaranteed financial support. Only Plan A candidates are eligible to apply for Departmental funds in support of research or travel.

BS/MS Degree Program. This program is designed for students who are still at a relatively early stage in their undergraduate work at Michigan State University and who desire to work toward a Master's Degree contemporaneously with their Bachelor's Degree. All students in the program earn Plan B Master's Degrees. Interested students ordinarily apply to the program soon after achieving junior standing as undergraduate majors in Zoology.

NOTE: Required preparation in Math, Chemistry, and Physics for students in the Ph.D. program, Plan A Master's Program, and Plan B Master's Program

Contact: The Graduate Secretary

(517) 355-4642

zoology@msu.edu

Kellogg Biological Station

Application Deadlines:

Submission of application materials on time is an important requirement for full consideration. To be considered for teaching and research assistantships in the Department of Zoology, you must have all materials in our hands by December 1st.

MICHIGAN

USA

Michigan State University

Ecology, Evolutionary Biology, and Behavior

DegreesOffered: MS, PhD

<http://www.msu.edu/%7Eeebb/graduate.html>

By their very nature, ecology, evolutionary biology and behavior are subjects that cut across the lines of traditional university departments. The Ecology, Evolutionary Biology and Behavior Program (EEBB) at MSU is designed to emphasize the interdisciplinary nature of these fields and other biological sciences such as genetics, developmental and molecular biology.

Michigan State is well-known for advanced training and research in population, community, ecosystem and evolutionary ecology; behavioral and physiological ecology; forest and agrosystem ecology; systematics including biochemical evolution and molecular systematics; evolutionary morphology; phylogenetics; paleobiology; evolutionary epistemology; and mechanisms of evolution such as population and quantitative genetics, microevolution and speciation. This diversity of research programs and interaction among a world class faculty at MSU are the pillars of our program.

Contact: Ecology, Evolutionary Biology and Behavior Program (517) 432-1359 eebb@msu.edu

ApplicationDeadlines:

Students must be accepted by both the EEBB admission committee and that of the participating department. Generally, applicants for fall semester should have all their application materials submitted by January 1 to be in the best position to compete for departmental assistantships. Outstanding undergraduate students are strongly encouraged to compete for National Science Foundation Pre-doctoral Fellowships.

Northern Michigan University

Biology Department

DegreesOffered: MS

<http://www.nmu.edu/biology/gradprograms.html>

The Department of Biology offers a program of graduate study which leads to a Master of Science Degree. Biology courses are also taken by students pursuing the Master of Arts in Education degree with emphasis in Biology or a Master of Science Degree with emphasis in Biochemistry. Individual programs of study are designed to meet the specific needs of the student. A program may be broadly based and include course work in several areas of biology, or it may provide for concentration within a specific area of biology.

One of the strengths of the Master's degree program is the opportunity for students to participate in a graduate research project. Many of these projects utilize field-oriented research because of the unique geographical setting of the University. Laboratory research is also supported in such areas as genetics, molecular biology, microbiology, cytogenetics and physiology. All of the biology department faculty hold a doctorate degree, and most are actively involved in the graduate program of the department (see faculty web pages).

Contact: Department of Biology 906 227-2310 biology@nmu.edu

Vast land in Michigan's upper peninsula

ApplicationDeadlines:

MICHIGAN

USA

University of Michigan

Ecology and Evolutionary Biology

DegreesOffered: PhD, MSc

<http://www.eeb.lsa.umich.edu/eeb/>

The Ph.D. program in Ecology and Evolutionary Biology at the University of Michigan is intended for individuals interested in carrying out distinguished scholarly activities and thus contributing to the body of knowledge in their selected fields of specialization. Those who are awarded degrees will also be expected to have developed competence as teachers and a background in quantitative methods and techniques appropriate to their areas of study. The Ph.D. is generally a five year program. The department is proud to offer a competitive support package to its doctoral students. EEB Dept. Ph.D. Policies and Procedures gives detailed information on departmental requirements for the doctorate. More general information can also be found in the Rackham Graduate School Student Handbook.

The Department of Ecology and Evolutionary Biology also offers a graduate program leading to a Master of Science in EEB. This program is flexible and serves a variety of career objectives, such as teaching in secondary schools, employment in a variety of research-oriented jobs, interpretive work in parks and nature centers, and preparation for further professional training. The Department offers both a thesis and a non-thesis option. Master's students are encouraged to seek research experience with one or more of the faculty here while earning the degree.

The Master's program is generally for two years. Master's students receive academic advising throughout the duration of their program. A Master's student has the option of obtaining either a course-work only degree or a research based thesis degree. EEB Dept. Master's Policies and Procedures provides further information about the program and its requirements. More information about obtaining a Master's degree at the University of Michigan can also be found in the Rackham Graduate School Student Handbook.

Contact: Julia Eussen, Graduate Coordinator (734) 615-7338 eeb.gradcoord@umich.edu

ApplicationDeadlines:

Ph.D. December 15

All application materials should arrive by this date to be considered for the following Fall Term. Students are admitted to the doctoral program only in the Fall Term, which begins in September. Applications that arrive after the deadline, or remain incomplete beyond the deadline will be at a competitive disadvantage during the admissions process.

M.Sc. March 15 for the Fall Term and
November 1 for the following Winter Term

Students can be admitted to the Master's program in either Fall or Winter term, but it is highly recommended that potential students plan to begin their studies in the Fall Term when the Department schedules its annual orientation.

MICHIGAN

USA

University of Michigan

Psychology Department

DegreesOffered: PhD

<http://www.lsa.umich.edu/psych/grad/>

The Psychology Department offers a Ph.D. program in six areas of psychology. Students may prepare for careers in both academic and applied settings--for positions in colleges and universities, in governmental agencies, in industrial plants and unions, in research organizations, in clinics and in schools.

The general objectives of the Ph.D. program are to permit the student to achieve: 1) a general knowledge of the broad subject matter of psychology; 2) mastery of a specialized field; 3) competence in organizing, interpreting, and communicating effectively; 4) competence in research skills and creative work; and 5) professional skills relevant to their field of specialization.

At its best, graduate education requires an intensive and intimate form of instruction. Psychology department faculty members are very accessible to students and research opportunities are available in a wide variety of labs and projects. Although the department is one of the largest in the country, we have developed procedures that not only allow each student freedom in planning an individualized program of study but also permit collaborative work with a small group of staff members.

Program Areas

The department is organized into seven areas:

- * Biopsychology
- * Clinical
- * Cognition and Perception
- * Developmental
- * Personality & Social Contexts
- * Social

In addition, there are three joint programs of study: Social Work and Psychology; Education and Psychology; and Women's Studies and Psychology. And there are six affiliated programs: Cognitive Science and Cognitive Neuroscience (CSCN); Culture and Cognition; Decision Consortium; Detroit Initiative; Program on Intergroup Relations; and LIFE: International Program in Lifespan Development.

Contact: Lesley Newton, Graduate Program Administrator (734) 764-6316 lesleyn@umich.edu

Univ. of Mich. Biological Station

ApplicationDeadlines:

For matriculation in Fall 2006, the deadline for submission of your application is December 15, 2005. Once again, applications will not be available until some time in August 2005. Credentials can arrive after the December 15th deadline, however, it is highly recommended that applicants attempt to have their files complete as close to the deadline date as possible. All applicants are notified of admission decisions by April 1 or earlier.

MINNESOTA

USA

Minnesota State University - Mankato

Department of Biological Sciences

DegreesOffered: MS

<http://cset.mnsu.edu/biology/programs/graduate/biology.htm>

The College of Science, Engineering and Technology promotes the understanding and applications of natural laws through undergraduate and graduate teaching and learning in the formal classroom, through student/faculty research, and other scholarly activities that serve the local, state, national and global communities.

Contact: Dr. Brock McMillan, Graduate Coordinator 507 389-3202 brock.mcmillan@mnsu.edu

basic lab and field ecology; behavioral typed equipment

ApplicationDeadlines:

Unless otherwise noted applications for the fall are due on July 1 for the fall semester, and November 1 for the spring term. Applicants applying for a graduate assistantship are encouraged to apply by February 3, although many programs will continue to review assistantship applications until all positions are filled. Applicants applying for graduate assistantships and international applicants should apply well before any published deadlines. Please consult the appropriate section of the viewbook for additional information. Application deadlines may be extended by individual programs.

University of Minnesota - Twin Cities

Department of Ecology, Evolution and Behavior

DegreesOffered: MS, PhD

<http://www.cbs.umn.edu/eeb/graduateprogram/>

The Graduate Program in Ecology, Evolution & Behavior (EEB) links faculty and students interested in the biology of organisms from molecules to ecosystems. Studies address questions from molecular mechanisms of evolution, the interactions of organisms in social groups and populations, the distributions and abundances of species in communities and ecosystems, to global biogeochemical processes.

The program provides broad training in the general areas of ecology, evolution, and animal behavior, and specialized courses and research in vertebrate and invertebrate zoology; behavior and ethology; evolution; population genetics; molecular evolution; systematics; population, community and ecosystem ecology; global ecology, limnology, paleoecology, ecology of vegetation, and theoretical ecology. Graduate faculty members are drawn from the Department of Ecology, Evolution & Behavior; Applied Economics; Civil Engineering; Entomology; Fisheries, Wildlife and Conservation Biology; Forest Resources; Genetics and Cell Biology; Geology and Geophysics; Horticultural Science; Plant Biology; Plant Pathology; Soil, Water, and Climate; Veterinary Pathobiology; and the Medical School.

Contact: Professor Sarah Hobbie 612 624-6770 shobbie@umn.edu

animal observation rooms; molecular genetics lab; aquatic facilities

ApplicationDeadlines:

Applications are considered only once per year, beginning immediately after the deadline in mid December and extending until support for acceptable applicants has been exhausted, which typically is by mid-April. New students are admitted to the graduate program only for the fall semester but may delay their start until the following spring semester.

MISSISSIPPI

USA

Mississippi State University

Department of Biological Sciences

DegreesOffered: MS, PhD

http://www.msstate.edu/dept/grad/html/05_06_BiologicalSciences.htm

Graduate study leading to the Master of Science and Doctor of Philosophy degrees is offered in Biological Sciences. Major areas of emphasis include molecular, developmental, cellular and organismal biology. An emphasis in biological sciences will be interdisciplinary, drawing from courses in and out of the department relating to a single unifying field, such as ecology or cell biology.

Contact: Dr. Dwayne Wise, Graduate Coordinator 662 325-3120 grad_studies@biology.msstate.edu

ApplicationDeadlines:

Mississippi State University

Department of Wildlife and Fisheries

DegreesOffered: MS, PhD

<http://www.cfr.msstate.edu/wildlife/grad.htm>

The Wildlife and Fisheries Department offers graduate education leading to the Master of Science in Wildlife and Fisheries Science with emphasis in wildlife, fisheries, and aquaculture. The Masters of Science degrees requires 24 hours of course work, including one graduate course in statistics, a thesis and a comprehensive oral examination. Students are also required to take an ecology proficiency exam during the first two weeks of acceptance into the program. A Ph.D. degree is offered in Forest Resources with emphasis in wildlife, fisheries, and aquaculture. The Ph.D. requires a comprehensive written diagnostic examination, one graduate level statistics course, variable hours of course work (determined by graduate committee), oral and written comprehensive preliminary examinations, a dissertation and oral defense of dissertation. A limited number of graduate research assistantships are available.

Contact: Bruce D. Leopold 662 325-2615 bleopold@cfr.msstate.edu

Aviary - A 3,125 square foot outdoor aviary has recently been renovated. This facility houses a captive breeding population of 250 wild-strain bobwhite. This aviary also is designed to enable research on waterfowl, wild turkey, and other birds.

Captive Carnivore Unit -The Captive Bobcat Facility was established in 1982. This is the only facility in the world with a captive breeding population of bobcats. It occupies over 28,000 square feet. It also houses a black bear, cougar, foxes, and a skunk for educational purposes.

Johnie R. Dawkins Memorial Deer Unit - The Captive Deer Facility was established in 1978. It encompasses approximately 11 acres and can support a population of 150 deer, although the annual average is around 100 deer.

Aquaculture Research Facility - The South Farm Aquaculture Research Facility consists of over 90 ponds ranging from .10 to .25 acres, a fish holding facility, hatchery and nursery greenhouses, and additional wet laboratory facilities.

ApplicationDeadlines:

MISSISSIPPI

USA

University of Southern Mississippi

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.usm.edu/biology/>

Graduate study in the biological sciences leads toward the master's and doctoral degrees. In 2005-2006, 70 full-time students, half of which are women and about 20 percent international, are pursuing graduate degrees: 40 master's and 30 doctoral candidates. The department is characterized by active research programs in molecular biology and microbiology, coastal and marine biology, and ecology and environmental biology as evidenced by extramural funding, scholarship of discovery and application, and graduate student activity. Graduate students develop a program of study and research in close collaboration with a faculty mentor and advisory committee. Students are expected to complete a doctoral program in five to six years and a master's program in two to three years. Graduates of the department are enjoying careers with governmental agencies, health facilities, industry, academic and research institutions, and in public education.

Contact: Dr. Shiao Wang, Coordinator of Graduate Studies (601) 266-4748 shiao.wang@usm.edu

ApplicationDeadlines:

Decisions on applicants who apply by the Feb 15th deadline are made by the end of February and should receive notification by mid-March. Those who missed the Feb 15 deadline should receive notification in mid-May. Applicants for the spring semester (Sep 15 deadline) should receive notification by mid-Oct.

Late applications accepted if space and financial support are still available.

MISSOURI

USA

Missouri State University

Biology Department

DegreesOffered: MS

http://biology.missouristate.edu/Graduate_Programs/msprogram.htm

The Biology graduate program at Missouri State was initiated in 1969, and more than 250 students have completed the Masters degree. The program has expanded in recent years, and approximately 45 students are currently enrolled. Our graduates enter a variety of careers in science, government, education, and industry. The program provides opportunities for continued study and mastery of new skills in biology, environmental, and health-related fields.

The program of study is individualized and thesis-based. In consultation with a faculty advisor, each student proposes and completes an independent research project (thesis), in addition to completing at least 20 hours of graduate coursework. Each student's program is designed according to his or her interests and background, and the expertise of the faculty advisor.

Most full-time students complete the program within two years. Timely completion of the degree depends upon initiating the thesis research in the first semester. Therefore, it is important that prospective students contact potential faculty advisors early in the application process. Most course work is usually completed within three semesters. A comprehensive examination (written and oral) is usually taken during the second year.

Part time study: Although the Biology graduate program is designed for full-time students, it may be possible to complete the degree on a part-time basis, providing that the student is flexible in scheduling research and coursework. Most courses are not offered in the evening or summer, and it may therefore be difficult to arrange a part-time course schedule. In addition, part-time students are not eligible for graduate assistantships. Students considering a part-time program should first contact the Graduate Coordinator.

Contact: Dr. Tom Tomasi, Graduate Coordinator 417-836-5126 tet962f@missouristate.edu

The Biology faculty offices, research laboratories and classrooms are housed in Temple Hall and the Kings' Street Building on the Springfield Campus of Missouri State. Off-campus facilities are being developed at the new Bull Shoals Field Station near Forsythe, Missouri.

ApplicationDeadlines:

December and May.

MISSOURI

USA

University of Missouri - Columbia

Fisheries and Wildlife Program

Degrees Offered: MS, PhD

<http://www.snr.missouri.edu/fw/graduate/>

Graduate programs in the Department of Fisheries and Wildlife Sciences are designed to prepare students for professional careers with state and federal agencies, private conservation organizations, consulting firms, or academic institutions. Graduate research may be directed toward the solution of problems faced by the practicing resource manager or may consist of fundamental investigations basic to such problems.

Contact: Janice Faaborg

faaborgje@missouri.edu

<http://www.snr.missouri.edu/fw/facilities.html>

Anheuser-Busch Natural Resources Building
 Prairie Fork Conservation Area
 Baskett Wildlife Area
 The Clifford William Gaylord Memorial Laboratory
 Columbia Environmental Research Center

Application Deadlines:

DEADLINES are flexible in the Department of Fisheries and Wildlife due to the nature of our grant-based research support, but early application is strongly encouraged, generally March 1 for fall admission and October 1 for winter admission.

University of Missouri - Columbia

Department of Biological Sciences

Degrees Offered: MA, PhD

<http://www.biology.missouri.edu/graduate/index.html>

Graduate study in the evolutionary biology, ecology, and behavior program in the Division of Biological Sciences has four facets: a formal lecture and laboratory curriculum, individualized laboratory rotations, independent thesis research, and participation in seminars and national conferences.

Within their first two years, all students complete a core curriculum exploring the basic foundations and latest developments in evolutionary biology, ecology, and behavior. Formal courses include for example: Speciation, Ecological Genetics, Plant/Animal Interactions, Advanced Community Ecology and Design of Ecological Experiments. The remainder of each student's curriculum is individually tailored to meet that student's goals, either drawing entirely upon expertise present in the Division or taking advantage of faculty and related programs in the School of Medicine and the Colleges of Agriculture and Veterinary Medicine.

Contact: Nila Emerich

(573) 882-1847

emerichn@missouri.edu

http://www.biology.missouri.edu/graduate/EBE/EBE_facilities.html
Application Deadlines:

January 15

MISSOURI

USA

University of Missouri - Columbia

Department of Psychological Sciences

DegreesOffered: PhD

<http://psychology.missouri.edu/programs/grad.htm>

Doctoral programs are offered in clinical, cognition and neuroscience, developmental, quantitative and social/personality psychology. In addition a joint clinical-developmental program is available. The department has recently instituted a minor in psychological statistics and methods to acquaint students with state-of-the-art statistical and methodological procedures. All PhD programs are research oriented and each normally calls for three to four years of full-time study and the equivalent of one year of professional experience (research, service or teaching). There is no foreign language requirement.

The cognition and neuroscience and social/personality programs offer broad empirical and theoretical training and a research emphasis. The clinical program, accredited by the American Psychological Association, provides balanced and integrated training, as well as professional and research specialties. An APA approved internship is required for the clinical PhD. The developmental program offers a strong background in statistics and research methodology in addition to social and cognitive development. The quantitative program supplies students with extensive experience as statistical consultants through specific coursework in statistical consultation.

Contact: Director of Graduate Admission (573) 882-6311 <http://gradschool.missouri.edu>

ApplicationDeadlines:

It is the applicant's responsibility to ensure our receipt of these documents prior to the deadline of December 31. Applicants are strongly urged to complete the application as early as possible.

MISSOURI

USA

University of Missouri - St. Louis

Department of Psychology

Degrees Offered: MA, PhD

<http://www.umsl.edu/divisions/artscience/psychology/graduate.html>

The doctoral program in Behavioral Neuroscience has adopted an apprenticeship model of graduate training in which each student works closely and continuously with a faculty member within the realm of the faculty member's research interests. Faculty interests include: 1) animal models of neuroendocrinology and 2) physiological causes and correlates of posttraumatic stress disorder. Thus, doctoral students will pursue an emphasis in the area of behavioral neuroscience.

The University of Missouri-St. Louis offers a flexible program of studies leading to a Master of Arts Degree in General Psychology. Masters students take classes with Doctoral level students and need to have a level of preparation and qualifications comparable to doctoral students. Thus, admission to the masters program, as to the doctoral program, is competitive and only a small proportion of applicants are admitted each year.

At the present time the Experimental Psychology area is open to students who are interested in receiving training in Behavioral Neuroscience, specifically in the areas of:

- * Behavioral neuroendocrinology/pharmacology
- * Psychophysiology

NOTE: There is no MA level training available in Clinical or Counseling Psychology. Indeed, the MA degree does not constitute a license to practice in Missouri or elsewhere as a professional psychologist.

Contact: Professor George Taylor, Director 314-516-5475 GEOT@UMSL.EDU

To support student and faculty research programs, research facilities include a variety of rooms designed for research with animal models of learning and memory, sociosexual behaviors, neuroendocrinology, and neuropharmacology; and psychophysiology labs at the Center for Trauma Recovery with equipment for measuring nervous system activity including electrocardiogram, electrodermal activity, respiration, electromyogram, and electrooculogram as well as infrared video-based equipment for tracking eye movements and pupillary response.

Application Deadlines:

All Application Materials are Due February 1 for Admission the Following Fall Semester

MISSOURI

USA

University of Missouri - St. Louis

Department of Biology

DegreesOffered: MS, PhD

http://www.umsl.edu/bulletin/2004_2005/AS/Biology.htm#grad

The Biology Department at the University of Missouri-St. Louis has a large, vibrant, and diverse graduate program. Graduate students in our program can specialize in one of two tracks: Ecology, Evolution, and Systematics (EES), or in Cell and Molecular Biology (CMB). Overall, we have 172 students, of which 115 are Masters students and 57 are working on doctoral degrees; 57 are international students, mainly from Latin America, Africa, and Asia.

Biology Graduate students in EES conduct research on a variety of topics in ecology, population biology, behavior, evolution, systematics, and conservation. Some students work on temperate systems in the U.S., while others work on tropical species in other countries. A few examples of the research that is being conducted by EES students include the role of parasites on life history strategies of birds, communication in frogs, movement and dispersal patterns in river otters in Missouri, social behavior of capybaras in Venezuela, evolution and systematics of the flora of Madagascar, distribution and ecology of neotropical migrant birds, fruit dispersal by South American bats, and evolution of reproductive behavior and mating systems in the avifauna of the Galapagos Islands.

Research by CMB graduate students also is diverse. Student projects include the genetic control of development in leeches, gene expression in yeast cells, processing of RNA in eukaryotes, and gene regulation in cyanobacteria.

The graduate students in the Biology Department form a close-knit group and are highly supportive of one another. They work hard but also enjoy parties and other social events. The biology graduate student soccer team, the "Jaguarundis", is active and welcomes new members. UMSL Biology graduate students interact extensively with faculty and students at Washington University, St. Louis University, and the Missouri Botanical Gardens.

The Biology Graduate Student Association (BGSA) is a recognized campus group that represents and advocates for our graduate students. The Department of Biology welcomes input from students and there is a graduate student representative on all major departmental committees.

In summary, the Biology graduate program is dynamic, draws students from every part of the world, and offers quality education and research opportunities in many different areas of biology.

Contact: Maryann Hempen (314) 516-6200 mhempen@jinx.umsl.edu

ApplicationDeadlines:

Ph.D. applicants who wish to be considered for financial support must submit their application by December 15. International students should submit their applications well ahead of this deadline since their files must be reviewed by the International Student Office before they are reviewed by the biology department.

The general application deadlines to apply are as follows: July 1 for the Fall semester; December 1 for the Spring semester and May 1 for the Summer semester. Some degree programs have specific deadline dates and may only admit once each calendar year. For these deadlines, please consult the requirements chart.

MONTANA

USA

University of Montana

Organismal Biology and Ecology Program

DegreesOffered: MS, PhD

<http://www.umt.edu/grad/programs/dbs/organismal.htm>

The organismal biology and ecology program offers a wide array of graduate study and research opportunities that are facilitated by our proximity to major wilderness areas and to one of the largest freshwater lakes in the contiguous United States.

A sample of research opportunities include studies in avian biology, bat biology, conservation biology, evolutionary genetics, animal physiology, developmental biology, freshwater ecology, behavior and habitat relationships of ungulates, carnivores, game birds, non-game wildlife, waterfowl and fur bearers, and effects of habitat manipulations and livestock-wildlife interactions.

Contact: Janean Clark, Graduate Programs Secretary (406) 243-5222 jmclark@mso.umt.edu

ApplicationDeadlines:

Students must apply by the January 10 postmark deadline to be considered for an assistantship during the following fall semester. Admission at other times is possible but strongly discouraged.

University of Montana

Wildlife Biology Program

DegreesOffered: MS, PhD

<http://www.umt.edu/grad/programs/wildlifebiology/default.htm>

The Wildlife Biology Program is interdisciplinary between the College of Forestry and Conservation, the Division of Biological Sciences and the Montana Cooperative Wildlife Research Unit (a branch of the U.S. Geological Survey). This formal integration of basic and applied fields is unusual among academic programs that are conservation-oriented and enables our graduates to use a science-based approach to address the most complex questions related to wildlife conservation.

Contact: Dr. Kerry Foresman, Graduate Coordinator (406) 243-5272 foresman@mso.umt.edu

ApplicationDeadlines:

Fall - Priority will be given to complete application packets postmarked by January 15. Complete application packets received after this date will be considered on a space available basis.

NEBRASKA

USA

University of Nebraska - Lincoln

Ecology and Evolutionary Biology

Degrees Offered: MS, PhD

<http://www.biosci.unl.edu/grad/EEBGREG.shtml>

The Ecology, Evolution & Behavior (EEB) GREG is composed of 21 faculty members that share a fundamental interest in ecological and evolutionary processes. The EEB faculty has a diverse range of research interests. These include: behavioral ecology, community ecology, ecosystem ecology, evolutionary ecology, life history evolution, molecular evolution, physiological ecology, plant-animal interactions, population ecology, sexual selection and systematics. EEB is particularly strong in the study of plant-animal interactions, behavioral ecology and evolutionary genetics.

Our goal is to develop broadly trained biologists that have both the conceptual tools and expertise in research design necessary to address fundamental ecological and evolutionary questions. To meet this goal, our graduate curriculum includes a series of core courses for first year students, advanced courses in areas of faculty expertise, a seminar series that focuses on research design, and a seminar series that focuses on completed research.

Contact: Susan Kuczmariski, Graduate Admissions (402) 472-2729 skuczmariski2@unlnotes.unl.edu
Coordinator

CEDAR POINT BIOLOGICAL STATION
NEBRASKA CENTER FOR VIROLOGY
MICROBIOLOGY INITIATIVE
GRADUATE TRAINING IN ECOLOGY AND EVOLUTIONARY BIOLOGY
BIOTECH CORE FACILITIES
NINE-MILE PRAIRIE
ARAPAHO PRAIRIE
MADIGAN PRAIRIE
MICROSCOPY FACILITY
THE HAROLD W. MANTER LABORATORY OF PARASITOLOGY

Application Deadlines:

December 15 for fall admission.

NEBRASKA

USA

University of Nebraska - Omaha

Department of Psychology

Degrees Offered: MA, PhD

<http://www.unomaha.edu/psych/psychobiology.php>

Master of Arts (M.A.): Students can earn an M.A. degree and Ph.D. in psychology with concentrations in animal behavior or behavioral neuroscience. Requirements for completion of the degree include four core courses in psychology and three to four additional courses in the student's area of interest. Research is also required, including completion and defense of a doctoral dissertation.

In order to facilitate study and research in behavioral biology, faculty from three universities in eastern Nebraska Creighton University, University of Nebraska-Lincoln, and the University of Nebraska at Omaha have formed the Nebraska Behavioral Group. This organization fosters inter-campus efforts in research, supports seminars and speaker programs, and generally provides a mechanism through which students from any one of the three institutions can have access to faculty and resources of the others.

Contact: Suzanne Sollars (402) 554-3981 ssollars@mail.unomaha.edu

The Psychology Department maintains several laboratory facilities including a computerized statistics lab, several experimental labs, observation facilities, and a psychophysiology/neurophysiology lab. The Psychobiology labs have facilities for tissue processing, microscopic evaluation and image analysis, and a large endocrine laboratory. There is vivarium space for small primates, laboratory rodents, and other mammalian species. Students specializing in Psychobiology also have access to the University of Nebraska Medical Center's biochemistry and electron microscope laboratories, as well as facilities at the Henry Doorly Zoo in Omaha. This zoo has a strong commitment to research in biological sciences, including the behavioral sciences, and is generous with respect to access to animals and laboratories.

Access to computers for data analysis, database searches, and on line management of experiments is also provided.

Application Deadlines:

February 1

NEVADA

USA

University of Nevada - Reno

Department of Psychology

DegreesOffered: MA, PhD

<http://www.unr.edu/psych/grad.html>

The Graduate Program in Experimental Psychology offers programs of study leading to the M.A. and Ph.D. degrees. Students are given a strong foundation in current theory and methods and have the opportunity to specialize within a number of substantive areas of research that include:

- * Comparative Psychology
- * Development across the life span
- * Cognition
- * Perception

Behavior Analysis is an approach to psychology emphasizing the study of behavior in its historical and situational contexts. Behavior Analysis training at the University of Nevada-Reno is conducted via a junior-colleague model and includes supervised experience and instruction in:

- * the philosophies of behaviorism
- * the theory and methodology of behavior analysis
- * basic and applied research in human behavior
- * basic research in animal behavior
- * application of behavioral principles to organizational administration and consultation, instructional design and technology, parent and teacher training, and clinical populations
- * participatory governance and fiscal management

Contact: R. Allen Gardner, Professor (775) 784-6828 gardner@unr.edu

ApplicationDeadlines:

NEW HAMPSHIRE

USA

Dartmouth College

Department of Psychological and Brain Sciences

Degrees Offered: PhD

<http://www.dartmouth.edu/~psych/graduate/>

The Department of Psychological and Brain Sciences offers graduate training leading to the Ph.D. degree. The program was started in 1968 and admits approximately 5-10 students per year. Research within the department is conducted in several areas, with four focus areas at the graduate level: behavioral neuroscience, cognitive neuroscience, cognitive sciences, and social/personality psychology. Because of its moderate size, the program emphasizes a close working relationship between faculty and students. Students are required to serve apprenticeships in teaching under the direction of faculty members.

Although there is a core curriculum that all students fulfill, the program is flexible. The program is designed to meet individual needs and is usually completed within 4-5 years. During the first year students take a year-long seminar taught by the entire faculty. This seminar explores the diverse areas of psychological and brain sciences represented in the department and provides a solid foundation for further study. First-year students also receive training in statistics. The second and third years include focused seminars and research. Students complete Specialist Examinations in their area before proceeding to their dissertation during the fourth year.

The Department of Psychological and Brain Sciences maintains close ties and affiliations with a number of other departments and programs, including the Dartmouth Medical School. Course work and research is often conducted in conjunction with these other programs.

Contact: Department (603) 646-3181 Psychological.and.Brain.Sciences@dartmouth.EDU

The Department of Psychological and Brain Sciences is located in the newly constructed Moore Hall, which opened during the summer, 1999. The building consists of nearly 100,000 square feet, most of which is devoted to research and teaching of psychological and brain sciences. Extensive laboratories are available, including a dedicated fMRI, small animal laboratories, awake, behaving primate laboratories, computer labs, neurophysiological and psychophysical recording facilities, video production and editing, social and group interaction.

The resources of the College library system, an extensive and well-balanced collection of over 1,750,000 volumes, are made easily accessible to all members of the Dartmouth community through the library's open stack policy and on-line catalog. Baker Memorial Library, the nucleus of the system, houses the main collection, as well as an outstanding reference collection, microtext, a government documents section, a large periodical collection, and many special collections. Collections in art, biomedical sciences, business and engineering, English, mathematics, and physical sciences are housed in branch libraries. All libraries provide computerized literature searching services and, in addition, participate in automated borrowing programs in cooperation with other research libraries.

Application Deadlines:

The deadline for receipt of completed applications for Fall admission is January 15.

NEW HAMPSHIRE

USA

Dartmouth College

Department of Biological Sciences

Degrees Offered: PhD

dlhardy@cisunix.unh.edu

The Graduate Program in Ecology and Evolutionary Biology (EEB) at Dartmouth College encompasses all areas of ecology, evolutionary biology and related disciplines. The program seeks to train highly qualified and motivated students for productive careers in research and teaching through completion of a Ph.D. degree. The core faculty in the program are ecologists and evolutionary biologists in the Department of Biological Sciences and the Environmental Studies Program. Close collaboration exists with other biologists in the Department of Biological Sciences and various departments in Dartmouth Medical School, as well with colleagues in the Earth Sciences and Geography Departments and the Thayer School of Engineering. Overall, a thriving community of faculty and students engage in graduate education and research in ecology and evolutionary biology.

Dartmouth is the smallest of the Ivy League institutions and has a long-standing tradition of close student-faculty ties, a tradition that is enthusiastically embraced by the EEB program. The program currently consists of 9 core faculty and about 20 graduate students. About five students are accepted for admission each year. Each student works closely with a faculty advisor and has the opportunity to interact daily with other members of the program. Students who have already decided on their area of specialization select their advisor through correspondence and personal interaction during the application process, while those who are less certain of their interests may pursue small research projects in different laboratories during the first year.

The program sponsors an active seminar series with speakers drawn from a wide variety of institutions. In addition, weekly EELunches provide a forum for students to present their "research in progress" and have informal exchanges over current topics in ecology and evolutionary biology. An annual weekend retreat is held each fall to provide further time for learning and interacting.

Contact: Graduate Program in Ecology and Evolutionary Biology (603) 646-3847 biology@dartmouth.edu

Few academic institutions can rival our ready access to diverse natural habitats. The glaciated terrain of New Hampshire and Vermont offers innumerable small, clear streams, ponds, bogs, and vernal pools. These waters, including even the Connecticut River that marks the west limit of the campus, are only superficially explored. The northern boreal forests and the more southern deciduous forest overlap in our area, and alpine tundra exists in the mountains only an hour away. We can reach representative communities from all these environments on routine field trips. Classes are taken to marine tide pools and salt marshes at the coast in a single day.

Dartmouth's biologists currently conduct research in a number of sites with permanent research facilities, including sites in New England and the new and old world tropics. Several areas owned by the college are available for research, including the College Grant, a 26,000 acre tract in northern New Hampshire with two rivers. Mt. Moosilauke is a Dartmouth-owned property less than an hour from Hanover. This mountain has been the site of Dartmouth research in forest ecology since the late 1960's. Since 1985 Mt. Moosilauke has been one of the primary US Forest Service and EPA sites for the study of atmospheric deposition on forest vegetation.

The Hubbard Brook Experimental Forest in the White Mountains of New Hampshire has been one of the leading centers in the world for ecosystem research since its inception in 1963. Dartmouth faculty were instrumental in developing the site and maintain active research programs there. Aquatic biologists have maintained research sites at a number of local lakes, streams, and rivers over the past 15 years. There are also permanent research sites in Jamaica and Costa Rica that have been developed as part of the Biology foreign study program and individual research projects. In addition, Dartmouth students and faculty have begun conducting studies in a new research area, the Sungai Matan Experimental

NEW HAMPSHIRE

USA

Forest in West Bornean Indonesia.

ApplicationDeadlines:

Review of applications for fall admission begins on 31 January, but applications are accepted at any time. We strongly encourage interested candidates to contact individual faculty and arrange a visit to the campus if possible.

NEW HAMPSHIRE

USA

University of New Hampshire

Psychology Department

Degrees Offered: PhD

http://www.unh.edu/psychology/grad_pro.htm

The relatively small size of our department and low ratio of graduate students to faculty encourage close working relationships between graduate students and their faculty mentors.

About 75% of our recent Ph.D.'s have taken positions at colleges and universities across the US.

Graduate students participate in a Teaching Seminar and Practicum, which provides training and guidance to beginning teachers. UNH also has a "Teaching Excellence Program" (see also "Preparing Future Faculty Program") to help both faculty and graduate students improve the quality of their teaching. Graduate students teach their own courses including introductory psychology; this experience is extremely valuable for them when they seek academic jobs.

UNH is the only program in the U.S. that offers a Ph.D. in the History of Psychology (one of our four areas of specialization).

The Brain, Behavior, and Cognition program offers a multidisciplinary approach to the study of cognition and brain function. Its aim is to provide students with the theoretical and methodological skills necessary to conduct independent research and to become productive scholars and teachers in this area. Mentorship comes from nine faculty members in Psychology, and can be enhanced by collaboration with faculty from other departments such as Animal and Nutritional Sciences, Biochemistry and Molecular Biology, Linguistics, and Zoology. The faculty in Brain, Behavior, and Cognition offers a wide range of knowledge and experience analyzing behavior and applying the techniques of traditional experimental psychology, psychophysics, and modern neuroscience to the study of related cognitive, perceptual, biological and neurological mechanisms.

Most graduate students work on research projects that are part of a faculty member's on-going research, but students are encouraged to develop independent lines of research. Currently, faculty members have interests in basic memory processes; reading comprehension; psycholinguistics; language development; physiological mechanisms that underlie certain memory, stress, and mood disorders; psychopharmacology; psychoneuroimmunology; animal learning and behavior; comparative psychology; basic visual processes including spatial and temporal properties of stereopsis illusions, color vision, and physiological optics.

Animal labs include a variety of computer-controlled apparatus for training diverse behavioral tasks. These include a Morris water maze, video tracking system for open field, automated radial arm mazes, swim stress apparatus, chambers for olfactory discrimination and memory, rodent operant chambers for training DM and DNM with retractable levers, avian operant chambers with video displays and touchscreens, serial reaction task chambers, and shuttle boxes. Additional behavioral apparatus include measures of motor function, analgesia, behavioral despair, and fear conditioning. The labs are well-equipped for stereotaxic surgery, histology, light-microscopy and image analysis, intracranial infusion of drugs, neurochemistry and receptor binding studies, assessment of immune function, and stress-controllability programs.

Vision labs are equipped with a four-channel xenon-arc-based Maxwellian view optical system, a computer-based stereo Maxwellian view optical system, and a two-channel rear projection free-view optical system.

Cognitive labs consist of state-of-the-art computers and associated equipment.

Contact: Donna Hardy

dlhardy@cisunix.unh.edu

NEW HAMPSHIRE

USA

ApplicationDeadlines:

There is no formal application deadline. Review of applications begins January 15 and continues until the incoming class is filled. Fall semester admission only.

University of New Hampshire

Zoology Department

DegreesOffered: MS, PhD<http://zoology.unh.edu/prosgrad.html>

The Department of Zoology offers programs leading to both M.S. and Ph.D. degrees. Areas of specialization include physiology, cell and molecular biology, and ecology. Faculty research explores many levels of the biological hierarchy, from molecular to cellular to organismal studies. Located on New Hampshire's coast, the university has research facilities which take advantage of the freshwater, estuarine, coastal, and oceanic environments. There is a strong emphasis among the faculty on using marine or freshwater organisms as experimental systems.

Contact: Dr. Hunt Howell, Graduate Coordinator (603) 862-2100 whh@unh.edu

Shoals Marine Laboratory, Jasckson Estuarine Laboratory, Coastal Marine Laboratory

ApplicationDeadlines:

Applications are considered on a rolling basis, but preference will be given to students who apply before February 15.

NEW JERSEY

USA

Princeton University

Department of Ecology and Evolutionary Biology

DegreesOffered: AB, PhD

<http://www.eeb.princeton.edu/GRADUATE/Introduction2.html>

The special areas of strength in the department are evolutionary ecology, behavioral ecology, theoretical ecology, population and community ecology, physiology, ecological and evolutionary genetics, molecular evolution, epidemiology of infectious diseases, and conservation biology. Graduate students have excellent opportunities for combining several areas for innovative interdisciplinary work. Each student is guided in developing a comprehensive but flexible course of preparation that is designed to meet educational needs and goals. There are only a few formal course requirements and independent research begins early.

Contact: Janice Huang, Director, Graduate Studies Office 609-258-3030 lolly@princeton.edu

Stony Ford Center for Ecological Studies
Mpala Wildlife Foundation

ApplicationDeadlines:

The Graduate School admits new students once a year, for entry in September only; there is no midyear admission.

Princeton University

Psychology

DegreesOffered: AB, PhD

<http://webscript.princeton.edu/~psych/psychology/grad/main/index.php>

The program of graduate work in psychology within the Department of Psychology emphasizes preparation for research and teaching in psychology, with specialization in the following broad areas: systems neuroscience, cognitive neuroscience, perception and cognition, and personality and social psychology. All students are required to assist in teaching as part of their graduate education for at least three class hours during their graduate career. The program is designed to prepare students for attaining the degree of doctor of philosophy and a career of productive scholarship in psychology.

Contact: Janice Huang, Director, Graduate Studies Office 609-258-3030 gso@princeton.edu

ApplicationDeadlines:

The program encourages on-line application. Deadlines for North American applicants is December 31, and December 1 for applicants from outside North America. Earlier applications are encouraged.

NEW JERSEY

USA

Rutgers University

Neuroscience

DegreesOffered: PhD

<http://www2.umdnj.edu/neuroweb/index.htm>

The Graduate Program in Neuroscience offers students an outstanding opportunity for graduate training in a rapidly growing joint program of the Graduate School of Rutgers University and the Graduate School of Biomedical Sciences of the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, both located in Piscataway/New Brunswick, New Jersey. Research areas include neural development, cognition and behavior, and mathematical modeling

Contact: Office of Admissions, UMDNJ-Graduate 732-235-5016 gsbispisc@umdnj.edu
School of Biomedical Sciences

ApplicationDeadlines:

The program encourages on-line application. Deadline for full consideration is January 5.

Rutgers University

Entomology

DegreesOffered: MS, PhD

<http://www.rci.rutgers.edu/~insects/indexdeptinfo.htm>

The entomology program is well-established and offers graduate education and training in several areas of entomology. Research areas include evolutionary physiological ecology, animal locomotion, and behavioral ecology

Contact: Department of Entomology 732-932-9459 lashomb@aesop.rutgers.edu

ApplicationDeadlines:

The program encourages on-line application. Deadline for full consideration for financial support is January 15. International applications must be complete by February 1, and all complete domestic applications must be submitted by April 1. A faculty advisor must be in place before a student is admitted

Rutgers University

Biopsychology and Behavioral Neuroscience

DegreesOffered: PhD

http://www.psychology.rutgers.edu/program_areas/bbn/bbn_00.html

The program emphasizes a multi-disciplinary approach to the analysis of the biological determinants of behavior. The goal of the program is to prepare students to be at the forefront of research in biopsychology and behavioral neuroscience by providing a broad background of training in modern neurobiology and traditional disciplines of behavioral sciences.

Contact: Office of Graduate and Professional Admissions (732) 932-7711 gradadm@rci.rutgers.edu

Institute for Marine & Coastal Sciences

ApplicationDeadlines:

The program encourages on-line application. Deadline for full consideration is January 15.

NEW JERSEY

USA

Rutgers University

Ecology and Evolution

DegreesOffered: MS, PhD

<http://www.rci.rutgers.edu/~deenr/grad/>

The ecology program is well-established and offers graduate education and training in microbial, plant, animal, and human ecology. Research areas include conservation biology, evolutionary biology, population and community ecology, and restoration ecology

Contact: Graduate School, New Brunswick 732-932-7711 gradadm@rci.rutgers.edu

ApplicationDeadlines:

The program encourages on-line application. Deadline for full consideration for financial support is January 15. International applications must be complete by February 1, and all complete domestic applications must be submitted by April 1. A faculty advisor must be in place before a student is admitted

Rutgers University - Newark

Biology

DegreesOffered: MS, PhD

<http://newarkbiosci.rutgers.edu/graduate.htm>

The Department of Biological Sciences at Rutgers-Newark has recently increased both the span of research and support for scientific investigations. They have hired fourteen new research-active faculty in the last 10 years and the department is able to provide graduate students experience in state-of-the-art research in a variety of fields. Research fields include biochemistry, botany, bacteriology, cell biology, ecology and evolution, endocrinology, immunology, molecular biology, neurobiology, and physiology.

Contact: Graduate School, Newark 973-353-5834 gradnwk@andromeda.rutgers.edu

ApplicationDeadlines:

The program encourages on-line application. Deadline for application to the Master's program is July 15 for the fall semester. Deadline for all Ph.D. applicants is February 15. Earlier applications are encouraged. Full-year courses in both General and Organic Chemistry, as well as Physics, are required. College mathematics through Calculus is preferred.

NEW JERSEY

USA

Rutgers University - Newark

Psychology Department

DegreesOffered: PhD

<http://www.psych.rutgers.edu/graduate.html>

The Graduate Program in Psychology offers training in the Behavioral Sciences including concentrations in Perception, Cognitive Science, Cognitive Neuroscience, Social, and Biopsychology. The curriculum provides basic instruction in experimental methods and these core areas. Graduate students are expected to choose an advisor and specialize in one of these five core areas early in their career. There is a strong emphasis on research, empirical methods and presentation skills throughout the duration of graduate studies.

Contact: Professor Harold Siegel, Director of Graduate Studies (973) 353-5440 ext. 236 hisiegel@psychology.rutgers.edu

Behavioral measurement facility (event recording, sound analysis, video); computer facilities; animal care

ApplicationDeadlines:

NEW JERSEY

USA

Rutgers University - Newark

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://newarkbiosci.rutgers.edu/graduate.htm>

Currently established research projects within the Graduate Program in Biology include those which are investigating cell cytoskeletal elements, development and regeneration in the nervous system, calcium regulation in plants, cellular trafficking, environmental stressors and their impact on development, opportunistic parasitic infections in AIDS, environmental bioremediation, estuarine and salt marsh ecology and ecotoxicology, plant ecophysiology, and interactions of neurotransmitters with the immune system. The department also is strong in molecular evolution, cellular biophysics, endocrinology, toxicology, and microbial physiology. Students participating in the program earn either an M.S. or Ph.D. degree through the campus's Graduate School-Newark.

Recent departmental graduates have gone on to post-doctoral fellowships at such outstanding research institutions as Harvard, University of California at Los Angeles, Washington University in St. Louis, Case Western Reserve, Vanderbilt, the National Institutes of Health, and Yale, and have achieved academic and industrial positions from California to Washington, D.C.

Training Across Disciplines

Adding to the strength of the department are its collaborative interactions with the other science units at Rutgers-Newark, including the Departments of Chemistry, Physics and Geology, and the Center for Molecular and Behavioral Neuroscience (CMBN). In addition, the department participates in the environmental science programs at the neighboring New Jersey Institute of Technology and in the graduate and clinical programs at the nearby University of Medicine and Dentistry of New Jersey.

The department places a high priority on the training of researchers who are capable of drawing on a broad range of scientific views and approaches. Toward that end, the department is involved in a number of innovative multidisciplinary research initiatives.

Contact: Department

(973) 353-5347 biosci@newark.rutgers.edu

ApplicationDeadlines:

Completed applications should be submitted by February 15 for admission to the Ph.D. program the following fall. M.S. Applications are accepted until July 15. Late applications will be accepted only if space permits

UMDNJ - Robert Wood Johnson Medical School**Department of Neuroscience****DegreesOffered:** PhD
<http://www2.umdj.edu/neuoweb/research/index.htm>

The Graduate Program in Neuroscience offers students an outstanding opportunity for graduate training in a rapidly growing joint program of the Graduate School of Rutgers University and the Graduate School of Biomedical Sciences of the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, both located in Piscataway/New Brunswick, New Jersey.

Faculty and student members alike are dedicated to fostering and maintaining excellence in research and study. Beginning on their first days in graduate school, students receive intensive training in modern research techniques in the laboratories of faculty members whose research interests span a broad range of modern biological investigation.

A major goal of the Graduate Program in Neuroscience is to prepare students--in the classroom and in active research laboratories--for careers of independent research in universities, medical schools, governmental facilities and industry.

Contact: UMDNJ-Graduate School of Biomedical Sciences (732) 235-5016 gsbspisc@umdj.edu

Students may avail themselves of a wide variety of research facilities available on the combined campuses of Rutgers University and the University of Medicine and Dentistry of New Jersey.

ApplicationDeadlines:

Deadline for receipt of completed applications: January 5. Applications received after this date will be considered only as space and funding allows.

Deadline for receipt of supporting documentation: January 15.

NEW MEXICO

USA

New Mexico State University

Fishery and Wildlife Sciences

DegreesOffered: MS, PhD

<http://spectre.nmsu.edu/dept/academic.html?i=945&s=sub>

The Department offers graduate work leading to the Master of Science degree with a major in wildlife science. The fishery science major is an option under wildlife science. By selecting appropriate courses, the student can meet the requirements for professional certification as a Certified Wildlife Biologist or a Certified Fisheries Professional. Upon graduation students often seek employment in various government agencies, or the private sector.

Contact: Department (505) 646-1544 natres@nmsu.edu

ApplicationDeadlines:

If your respective department has a deadline, it is recommended that you submit your application to the graduate school at least 30 days prior to that date.

New Mexico State University

Department of Biology

DegreesOffered: MS, PhD

http://biology-web.nmsu.edu/Graduate%20Program/Graduate%20_program.htm

The Ecology/Evolution core curriculum is appropriate for graduate students who wish to specialize in areas of biology that study the various processes that encompass the ecology and evolution of living and extinct taxa. Students are expected to choose at least 4 courses at the 500 level in ecology and evolutionary biology to fulfill the Eco/Evo emphasis. Students who complete the M.S. or Ph.D. by thesis must present at least one formal seminar (exit seminar) in front of the public. Other courses from other disciplines (Microbiology or Cell/Organismal) can be substituted for these courses, depending on the direction of the degree/thesis.

Contact: Graduate Coordinator 505-646-3613 biomail@mvar.nmsu.edu

ApplicationDeadlines:

NEW MEXICO

USA

University of New Mexico

Department of Biology

DegreesOffered: MS, PhD

<http://biology.unm.edu/graduate/admission.html>

Applications to the Biology graduate program are reviewed by a departmental committee that evaluates both the potential of the applicant to complete graduate work and the availability of a suitable faculty member to supervise the applicant.

Contact: Vivian Kent, Graduate Program Coordinator (505) 277-1712 vkent@unm.edu

Sevilleta Field Station
Sevilleta LTER Network
Museum of Southwestern Biology
Molecular Biology Facility
Natural Heritage New Mexico

ApplicationDeadlines:

All materials must be received by the Office of Graduate Studies and the Department of Biology by January 15th for admission the following fall.

NEW YORK

USA

City University of New York - City College

Department of Biology

DegreesOffered: MA, PhD

<http://www.sci.ccny.cuny.edu/biology/graduate.html>

The Department of Biology at City College has a close collaboration with the American Museum of Natural History for studies in Evolutionary Biology and Systematics. Faculty research specialties include: biogeographic studies at the interface between ecology and evolution; the interactions of tropical plants and insects; behavioral, psychophysical, and computational techniques to study how the brain integrates volition, vision, and memory to generate movements of the eyes; the animal behavior and dynamics of vocal learning and sound production across different brain levels.

Additional faculty who may act as PhD supervisors can be found at other CUNY campuses. The primary objective of The Ph.D. Program in Biology is to enable the student to acquire a fundamental orientation in the current life sciences as well as mastery of the knowledge and investigative approaches in his or her chosen areas of specialization. Such training is essential in developing research professionals equipped to teach in university programs and to take leadership positions in biotechnology and research.

From this web site (<http://www.sci.ccny.cuny.edu/biology/doctor.html>) , connect to any of the affiliated colleges including Brooklyn College, City College, College of Staten Island, Hunter College, Lehman College, and Queens College. Four institutions in the New York City area are associated with the CUNY Ph.D. program in Biology including the American Museum of Natural History, Brooklyn Botanic Garden, Institute for Basic and Research in Developmental Disabilities, and The New York Botanical Garden.

Subprograms in Ecology, Evolutionary Biology, and Behavior: behavior, ecology, evolution, systematics, from anatomy to zoogeography. Faculty include members of the curatorial staff of the American Museum of Natural History.

Contact: Jane Gallagher, Chairman of the EEB
subprogram

janegall@sci.ccny.cuny.edu

ApplicationDeadlines:

City University of New York - Hunter College

Psychology Department

Degrees Offered: MA, PhD

<http://maxweber.hunter.cuny.edu/psych/maprog/index.html>
<http://maxweber.hunter.cuny.edu/psych/biopsych.htm>

M.A. : Focus on Animal Behavior and Conservation

The goal of the focus is to develop an understanding of the behavior of people and animals by applying psychological principles that relate to social behavior, cognitive processes, learning, cultural activity and the interdependence of physiological and psychological processes. This specialization within the Master's Program in Psychology is expected to serve as a step towards development of skills that will facilitate entry into the fields of conservation and zoo science at various levels of professional expertise, e.g., as technicians who assist professional staff, as educators, as researchers, as program directors, and as consultants to governmental and non-governmental institutions that are committed to the management of natural resources. Students who complete the focus will receive a document attesting to their special preparation by way of their coursework and research projects.

The requirements are the same as for all students in the Master's program-30 course credits including a thesis. All students must take the proseminar, statistics and experimental psychology and one course in the areas of evaluation, cognition, and biopsychology. The focus requires a minimum of three courses relevant to animal behavior and conservation. These may be chosen from courses offered by the Biopsychology doctoral program (e.g. Comparative Psychology, Comparative Cognition and Learning, Animal Behavior 1 and 2, Cognitive Psychology) or, with permission of the MA director, courses in other departments. Courses specifically addressed to issues of animal behavior and conservation will be offered. We plan to offer a survey course each Fall semester as an introduction to various issues in behavior, zoo science and wildlife conservation and a special topics course each Spring semester taught by an expert in the field. The specific topic to be offered will depend upon the interests of students currently enrolled in the MA program and availability of the appropriate instructor. Possible topics include:

- Evaluation of behavior in captive animals
- Genetics, biodiversity and conservation
- Captive breeding and reintroduction of endangered species to the wild
- Ethnozoology and ethnobotany
- The changing roles of zoos in animal behavior and conservation
- New approaches to animal management and welfare
- Computer modeling of animal-human interactions
- Behavioral research methods in zoos and aquariums
- Natural resource management and conservation in industrial and developing countries
- Applications of experimental psychology paradigms to understanding cognitive processes
- Applications of comparative psychology to animal care in custodial situations
- Interaction between wildlife and humans
- Field course in animal behavior and conservation (summer)

The thesis will be a research project related to animal behavior. The students will have the opportunity to conduct research in non-custodial as well as custodial environments (zoos, aquariums, and research laboratories). The work will be supervised by a two-member committee, consisting of a full-time Hunter College Psychology Department faculty member and, in many cases, an expert from the core group of scientists from outside Hunter who are participating in the focus. The thesis topic must be approved by the MA director and the coordinator of the focus.

Members of the Hunter College psychology department whose work is relevant to animal behavior and conservation

NEW YORK

USA

focus include: Cheryl Harding (behavioral endocrinology), Victoria Luine (memory and stress), Sheila Chase (comparative cognition and learning), James Gordon (visual perception), Peter Moller (communication and spatial orientation), Philip Zeigler (sensory-motor interactions), and Christopher Braun (function and evolution of sensory systems).

Non-Hunter College faculty whose participation makes this program possible include Donald Moore, Curator of Animals at the Central Park Wildlife Center, Diana Reiss, Senior Research Scientist at the New York Aquarium, Ethel Tobach, Curator Emerita at the American Museum of Natural History, Scott Silver, Curator of Animals at the Queens Wildlife Center, and Karyl Swartz, Professor of Psychology at Lehman College.

PhD :

Biopsychology interrelates the concepts and methods of neuroscience, cognitive science, the biological disciplines, and behavior analysis with experimental psychology. It offers a comparative and ontogenetic perspective on species-typical behavior acquired and modified during the organism's life cycle. Basic psychological processes are studied in conjunction with contributions from neurobiology, ethology, ecology, evolutionary biology, genetics, endocrinology, pharmacology, and other sciences to illuminate the many ways in which species adapt, survive, reproduce, and evolve. Through diversified laboratory experience plus core courses, electives, seminars, colloquia, and field studies, students develop an interdisciplinary perspective.

The subprogram in Biopsychology provides unique training for basic research and teaching in the field of animal and human behavior, as well as in the application of biobehavioral knowledge to a variety of problems in industrial, business, institutional, health, and environmental settings. Among the admission requirements is the completion of at least 15 undergraduate credits in psychology, including one laboratory course in experimental psychology and one in statistics. It is expected that the applicant will have received at least a B average in courses completed at other institutions. The applicant may be requested to appear for an interview. Students of ability trained in fields other than psychology may be admitted with conditions.

The course of study leading to the Ph.D. in Biopsychology is designed to ensure competence in the three disciplinary axes of the program (required courses): Animal Behavior, Neuroscience, Psychological Processes (Development, Cognition, Learning, Sensation and Perception.) 1. To provide a multidisciplinary perspective for the study of behavior, incorporating behavioral biology, experimental psychology and neuroscience. The basic curriculum includes overviews of animal behavior, molecular, cellular and systems neuroscience, behavioral neuroendocrinology, developmental biopsychology, sensorimotor control and cognitive processes. Many of the basic courses are team-taught by faculty from both the Biopsychology and Biology (Neuroscience) doctoral programs. 2. To provide an opportunity for laboratory and field research experience. Students will participate in a series of laboratory rotations during which they will design and carry out a research project and prepare a research report in journal style. A Field Studies course at the American Museum of Natural History Field Station in southwestern Arizona is held every other summer. 3. To provide supervised experience in the teaching of Psychology and an introduction to ethical considerations for the researcher and teacher. 4. To provide experience in the presentation of research reports and an opportunity to interact with distinguished researchers from other institutions. Two Colloquia are held each year. The first is devoted largely to presentations by faculty and students in the Program; the second is focussed on a theme of general interest (e.g., Evolutionary Biology; Hormones and Behavior, Behavioral Development), features guest speakers and an associated Special Topics Seminar at which students have an opportunity to interact with distinguished researchers.

Contact: Dr. Vanya Quinones-Jenab (212) 772-5621 jenab@genectr.hunter.cuny.edu

Graduate center (computing facilities); field station of the American Museum of Natural History (Portal Arizona)

ApplicationDeadlines:

M.A. : The deadline for the fall semester is usually in April and the deadline for spring is usually in November. Please contact the Admissions Office for more information.

PhD : Fall deadline Feb 1, no spring admission

NEW YORK

USA

Columbia University

Psychology

DegreesOffered: PhD

<http://www.columbia.edu/cu/psychology/dept/grad/admitcop.html#Grad>

Designed to provide a broad base in psychology, the program also offers an opportunity for intensive research. In addition to a Graduate Proseminar Series, advanced seminars are offered each year within three broad areas: perception and cognition (the 4200s), psychobiology and neuroscience (the 4400s), and personality and social psychology (the 4600s). Research, integral to the graduate career, is conducted during all five years of the program. During the first three semesters each student completes an initial research project culminating in the MA essay. Subsequent research in conjunction with faculty members provides the basis for the dissertation.

The department is relatively small; each year it admits fewer than ten full-time students. The obvious benefit to such a highly selective system is that it affords graduate students the opportunity to become acquainted with all research conducted in the department by faculty as well as fellow graduate students.

The program is a five-year consecutive series of classes and research culminating in the Ph.D. degree.

Contact: Herb Terrace/ Rae Silver

terrace@columbia.edu

ApplicationDeadlines:

December 1

NEW YORK

USA

Columbia University

Department of Ecology, Evolution, and Environmental Biology

Degrees Offered: MA, PhD

<http://www.columbia.edu/cu/e3b/about.html>

The new Department of Ecology, Evolution, and Environmental Biology (E3B) at Columbia University was established in 2001. In creating E3B, the university recognized that the fields of ecology, evolutionary biology, and environmental biology constitute a distinct subdivision of the biological sciences with its own set of intellectual foci, theoretical foundations, scales of analysis, and methodologies. The educational programs in the department were previously administered by the Center for Environmental Research and Conservation (CERC), with which the department continues to maintain strong ties. Faculty involved in the programs held appointments in various other university departments. Now, however, those programs, the students enrolled in them, and the faculty that teach them are all anchored in E3B. At Columbia, E3B is thus the home of biological study at levels of integration from the organism up.

M.A. in Conservation Biology

The M.A. in Conservation Biology focuses on biological sciences with the addition of a basic foundation in environmental policy and economics. This interdisciplinary approach provides students with a range of options for advancing their environmental careers. Graduates may continue their education in a Ph.D. program, or enter the job market directly as a scientific researcher, teacher or administrator in a non-governmental organization or government agency dedicated to the preservation of biodiversity.

Ph.D. in Ecology and Evolutionary Biology

The Ecology and Evolutionary Biology (EEB) program is designed to provide the broad education needed to describe, understand and conserve the Earth's biological diversity in all its forms. Matriculating students will have the skills to conduct ecological, behavioral, systematic, molecular, and other evolutionary biological research, as well as to formulate and implement environmental policy. Graduates may pursue academic careers as researchers and teachers, or professional positions in national or international conservation, environmental, and multilateral aid organizations. All Ph.D. students in EEB must complete the Environmental Policy Certificate program, for which they receive a separate degree.

Ph.D in Evolutionary Primatology

See also NYCEP

Columbia has offered a Ph.D. program in Evolutionary Primatology for nearly a decade. Many aspects of this program are coordinated with the New York Consortium in Evolutionary Primatology (NYCEP). NYCEP, a consortium of the City University of New York, Columbia University, New York University, the American Museum of Natural History, and the Wildlife Conservation Society, provides a multi-institutional venue for graduate training leading to the Ph.D., which emphasizes all aspects of the behavioral, morphological and evolutionary biology of primates. Course offerings in this program are coordinated across the NYCEP institutions.

While in the past, this Ph.D. program was administered by the Anthropology Department, it is now housed within E3B.

Contact: Director of Graduate Studies: Eleanor Sterling (212) 854-9987 sterling@amnh.org

Application Deadlines:

PhD – January 3

NEW YORK

USA

Cornell University

Physiology

DegreesOffered: MS, PhD

<http://www.vet.cornell.edu/oge/physiology/>

The Graduate Field of Physiology offers opportunities to participate in research programs in Systems Physiology, Cellular & Molecular Physiology, and Physiological Genomics. Students may find opportunities for research in behavioral physiology, cardiovascular and respiratory physiology, endocrinology, environmental and comparative physiology, gastrointestinal and metabolic physiology, membrane and epithelial physiology, molecular and cellular physiology, neural and sensory physiology, reproductive physiology and physiological genomics.

Courses offered by field faculty provide a basic background in systemic and cellular physiology, plus specialized, cutting edge knowledge in specific concentrations. In addition to undertaking a research project in the laboratory of a mentor, students are encouraged to learn a number of laboratory techniques available as formal courses or rotations through the laboratories of members of the field.

The Graduate Field of Physiology is one of several graduate fields that make up the Graduate Program in Biological and Biomedical Sciences of Cornell University. First-year students spend the year rotating in the laboratories of faculty in the Program (this includes not only faculty in the Field of Physiology, but any of the Fields in the Biological & Biomedical Sciences Program). The purpose of the rotations is to give the students a range of research experiences and techniques and to help them make an informed decision about their thesis laboratory. Rotations may also help to drive collaboration between faculty (students can include faculty from more than one Field on their Special Committee).

Contact: Director of Graduate Studies, Field of
Physiology

graduate_edcvm@cornell.edu

ApplicationDeadlines:

Application deadline is December 15.

Applications are accepted for Fall semester only. Ph.D. applications are given preference; applications for a Master's program are accepted under unusual circumstances.

NEW YORK

USA

Cornell University

Entomology

DegreesOffered: MS, PhD

<http://www.entomology.cornell.edu/GradField/>

Graduate study at Cornell is organized by fields rather than by traditional disciplines. This approach identifies faculty by broad, interdisciplinary subject areas, rather than by traditional departmental units, and gives students access to those faculty members who can best support and direct a particular course of study.

The graduate field of Entomology is composed of faculty from the Department of Entomology in Ithaca, the Department of Entomology in Geneva, the Division of Biological Sciences and other units on the Ithaca campus, as well as adjunct field members from Boyce Thompson Institute and USDA. Our graduate program emphasizes flexibility and permits an outstanding degree of accommodation to the needs and interests of the individual student. The field of Entomology offers both M.S. and Ph.D degrees in a wide range of basic and applied research areas.

Contact: Graduate Field Assistant 607-255-6198 fieldofent2@cornell.edu

state of the art laboratories
a world famous insect collection
unparalleled library resources
modern field sites
expert biotechnology service facilities.

ApplicationDeadlines:

December 1

NEW YORK

USA

Cornell University

Neurobiology & Behavior

DegreesOffered: MS, PhD

<http://www.nbb.cornell.edu/>

The Graduate Program in Neurobiology and Behavior provides incoming graduate students with the unique opportunity to explore neurobiology and behavior at the biophysical, molecular, cellular, neural network, neuroethological, or societal level. Whether you are interested in ion channel function, neural development, synaptic transmission, sensory systems, neural networks, animal behavior, animal societies, or chemical ecology, we have individualized programs of study to reflect your research interests. We also offer a large number of laboratory courses that offer incoming students the chance to approach interesting questions in neurobiology and behavior with a powerful set of experimental tools.

☐Cornell University offers unusual opportunities for study in neurobiology and behavior, both in the fundamental properties of the nervous system and in the adaptive significance of behavior. The Department of Neurobiology and Behavior has a distinguished faculty of 23 whose interests range from the organization of nerve membranes to the organization of animal societies. Research in the Department falls into three core areas: cellular and molecular neurobiology, behavioral neurobiology and behavior. Many faculty have research programs that span these different levels of analysis, a breadth of focus that makes for stimulating scientific interactions for both faculty and students. This blend of expertises also allows the Department to offer an unusual range of courses and research opportunities for undergraduates making it one of the most popular areas of study for undergraduates majoring in biology

Contact: David L. Deitcher, Director of Graduate Studies 607 254-4340 dld14@cornell.edu

ApplicationDeadlines:

Fall, Dec. 1; no spring admission

NEW YORK

USA

Cornell University

Psychology

DegreesOffered: PhD

<http://comp9.psych.cornell.edu/>

The Department of Psychology is a thriving community of education and scholarship, with 25 faculty members directing undergraduate and graduate students in classwork and research. The dominant strengths of the department lie in three broadly defined areas: Behavioral and Evolutionary Neuroscience; Cognition, Perception and Development; and Social/Personality Psychology. The Graduate Field of Psychology includes 36 faculty members from departments across the university including Psychology, Human Development, and Neurobiology and Behavior. The goal of the Field is to educate students to become researchers, scholars, and teachers who will contribute to the future of psychology as a scientific discipline in academic or other research-oriented settings.

Behavioral and Evolutionary Neuroscience

☐The biopsychology group seeks to understand behavior and cognition through investigations of the integrated roles of evolution, development, and mechanisms. The emphasis is on naturalistic behaviors of animals and ecologically relevant behaviors of humans. Comparative perspectives are well represented, the full range of development, including aging, is investigated, and both social and non-social behaviors are explained. Core questions are, what are the mechanisms (brain, endocrine, and behavioral) that enable animals (including humans) to behave appropriately? How do these mechanisms work? How do they develop? How did they evolve.

Contact: Tom Gilovich, Professor and Chair of Psychology (607) 255-3834 tdg1@cornell.com

ApplicationDeadlines:

Invitations for our annual recruitment weekend are typically made by the end of January, and a first round of admissions for fellowship candidates by the third week in February. Clearly inappropriate applications are usually winnowed out at the same time, so applications can be considered by alternate fields if the applicant has designated any. Thereafter, decisions continue on a rolling basis until April 15th, at which point all offers and acceptances must be finalized.

Rockefeller University**Laboratory in Animal Behavior****DegreesOffered:** PhD<http://www.rockefeller.edu/labheads/lottebohm/lottebohm-lab.php>

This laboratory pioneered in the characterization of brain circuits used for vocal learning and song production in birds and uses these circuits to study the basic biology of neuronal replacement in adult brain. It uses behavioral, anatomical, neurophysiological, endocrinological, cellular and molecular methods to achieve these ends. The song system develops late in ontogeny and is very sensitive to hormones and experience. It consists of a dozen discrete nuclei and their connecting pathways. Spontaneous neuronal replacement occurs in only two of these nuclei, in which new neurons replace older ones. This laboratory is interested in discovering how this comes about and what benefits it confers to the animal. We would like to use this knowledge to induce neuronal replacement in parts of the brain where it does not normally occur and where it could be used for repairing circuit damage.

Thus there is here a blend of basic biology and the hope to glean insights that will have a clinical application.

The laboratory breeds most of its research animals (canaries and zebra finches). In addition, it operates the Field Research Center (FRC) in Millbrook, NY. The FRC has 1200 acres (the area that would be covered by 600 city blocks) of natural habitats 80 miles to the north of our campus, in rural Dutchess County. The FRC also has modern laboratory facilities and living quarters where visitors can stay. We strongly feel that the study of behavior and brain function under natural or naturalistic conditions is an important complement to the study of animals kept in simple laboratory settings, because many aspects of brain function are likely to be underdeveloped or overlooked in captive animals leading a deprived existence. It is the hope of this laboratory that an understanding of spontaneous neuronal replacement in adult, healthy animals will change the way in which we think about brains and learning and that this new knowledge will enable us to repair damaged brains and restore lost functions.

Contact: Fernando Nottebohm

lottebo@rockefeller.edu

ApplicationDeadlines:

January 1

NEW YORK

USA

State University of New York - Albany

Psychology Department

DegreesOffered: MS, PhD

<http://www.albany.edu/psychology/gradbiopsych.html>

The Department of Psychology at the University at Albany, State University of New York, offers the opportunity for exceptional students to pursue graduate study in biopsychology. Students in biopsychology are given a strong research background. They work closely with faculty on laboratory research projects and have an opportunity to acquire skills in statistical methods, computer applications, animal surgery, anatomy and histology, and neurochemistry. Course offerings beyond the first year are individually tailored to each student's interests, and can include courses in the Developmental Neurobiology Research Center at the University and at Albany Medical Center.

Many faculty in biopsychology have research interests which relate to mental health issues. Areas researched include psychopharmacology, behavioral pharmacogenetics, animal models of psychopathology, predator-prey relations, animal cognition, aging, maternal aggression and neuroendocrinology and behavior.

Contact: Dr. Christine Wagner, Program Director 518-442-4494 cwagner@albany.edu

Our facilities include environmentally controlled animal space, suites for surgery, histology, and neurochemistry. Most offices and labs are networked with the University Computer Center, which has IBM, MAC, VAX and Unix systems available for data analysis and electronic communication.

ApplicationDeadlines:

January 15

State University of New York - Albany

Department of Biological Sciences

Degrees Offered: MS, PhD

<http://www.albany.edu/biology/index.html>

The Department offers Ph.D. degrees in two core areas:

- Molecular, Cellular, Developmental and Neural Biology (MCDN)
- Ecology, Evolution and Behavior (EEB).

These broadly-based core areas provide students with modern, multidisciplinary research training required for a successful career in research and teaching.

The department has a strong commitment to broad-based, integrative graduate training, with seminars and activities organized through several research centers and nearby institutions.

In the first year, students take core courses and have the opportunity to perform research rotations with the faculty. Through this experience, they are immediately immersed within a professional scientific environment. During the second year, students choose a permanent research adviser. In preparing the Ph.D. dissertation, students are expected to develop an original and significant research program. In addition, students keep abreast of the current scientific literature through specialized courses and active participation in their core area journal club. The two core areas, MCDN and EEB, have separate examinations and curriculum requirements.

M.S. degrees are also offered in the two major core areas, and in Forensic Molecular Biology and Biodiversity, Conservation and Policy

The Biodiversity program is a multidisciplinary master's program offered at the University at Albany. This program combines classes from the Department of Biological Sciences and the Rockefeller College of Public Affairs and Policy to prepare students for careers that require knowledge of both ecology and public policy. Students learn the basic concepts in conservation biology, politics, policy and planning and how these fields interact in the real world. Biologists with a basic understanding of how policy relates to the goals of preservation and conservation are essential to conservation efforts. Our program, with its multidisciplinary approach, allows students to examine decision-making processes as both scientists and policy analysts. Located within New York's Capital District, we are surrounded by agencies and organizations involved in the day-to-day decisions that affect biodiversity preservation. Students are encouraged to work with these agencies by participating in internships which lead to a thesis. Alternatively, students are able to work with a faculty member on their research or create their own original research project.

Contact: Albert Millis / Gary Kleppel (518) 442-4300 millis@albany.edu
gkleppel@albany.edu

Several off-campus research facilities are available including: the high voltage electron microscope (one of two nationwide) at the downtown New York State Department of Health's Wadsworth Center; and for students in ecology and animal behavior, the nearby Albany Pinebush and Huyck Preserves offer opportunities for field research.

Application Deadlines:

The deadline for applicants requesting departmental financial support is February 15. Late applications will be considered if funding is available. Special fellowships are available prior to March 1 and only applications received prior to this date can be considered.

We do admit students in the Spring Semester, however, we discourage this option for doctoral students due to the nature of the 1st year curriculum.

NEW YORK

USA

State University of New York - Binghamton

Department of Biological Sciences

Degrees Offered: MA, MS, PhD

<http://biology.binghamton.edu/graduateprogram.htm>

The Ecology, Evolution & Behavior (EEB) program at Binghamton provides a remarkably complete coverage of whole-organism biology. The EEB faculty encourages graduate students to develop research projects that reflect an integrated view of ecology, evolution, behavior and physiology and to use biochemical, cell and molecular biological approaches to answer research questions.

The EEB program provides a foundation that can be used for a career oriented towards teaching, research, or environmental issues. Our master's graduates obtain jobs as research technicians at universities, federal and state agencies, and environmental consulting companies. Our PhD graduates have been similarly successful in the academic job market and elsewhere. The program is sufficiently flexible that students, together with their graduate committee, can tailor their program to fit their own career aspirations.

Contact: Graduate Secretary (607) 777-2151 biology@binghamton.edu

Fenced field research facility; aviaries; indoor animal rooms; video analysis/playback equipment

Application Deadlines:

For consideration for financial support for the fall semester, applications must be received by the Graduate School by 15 January.

State University of New York - Binghamton

Department of Anthropology

Degrees Offered: MA, MS, PhD

<http://anthro.binghamton.edu/index.html>

Anthropology seeks to understand the nature and origins of human biological variability, cultural diversity, and social formations through systematic exploration, scientific examination, and the application of theory to human populations and their artifacts, including their social configurations, past and present.

Although anthropology has historically been most successful in the analysis of small sociocultural systems, its current challenge is to situate the direct objects of study in their global contexts in both space and time. The discipline draws freely on various fields of study in the humanities and in the social and natural sciences, and its diversity today is such that no single central mission earns a wide consensus. While training in the traditional four subfields of archaeology, biological anthropology, linguistic anthropology, and social/cultural anthropology are offered in the Department, students are encouraged to specialize along tracks that cross these sub-disciplinary boundaries.

A central objective of graduate training in anthropology is the ability to develop an original research design and to communicate the research findings in a research paper, thesis, or dissertation of publishable quality. To this end, all recipients of graduate degrees submit and defend formal written demonstration of their ability to apply appropriate analysis to an original research project, except for the MS degree for which an oral demonstration of ability is required.

Contact: Thomas Wilson

twilson@binghamton.edu

Application Deadlines:

Application deadlines vary by program. Applicants who are not seeking funding may apply anytime but all admissions are limited by size of the programs.

Applicants for the next fall semester who wish to obtain TA/GA/RA/fellowships positions should submit their application by late December.

Applicants for the next spring semester should submit their application by early October. Some programs do not offer admission for the spring; others have spring admission but without departmental funding.

Details on the deadline for your specific program will be provided to you during the on-line application process. To learn the policies governing admission and aid in your program, please read departmental materials carefully and, if you have questions, contact the program office.

State University of New York - Binghamton

Department of Psychology

Degrees Offered: MA, PhD

<http://psychology.binghamton.edu/Graduate/index.html>

The Behavioral Neuroscience program at Binghamton University is unique in several respects.

Research Experience

The Behavioral Neuroscience program at Binghamton University offers intense research experience throughout the student's graduate training. Coursework appropriate to the student's field of interest is emphasized in the first several years and specialized seminars are available throughout the student's graduate career. A relatively unique aspect of the environment at Binghamton University is the extensive network of collaborative research projects among our research laboratories and also between our own faculty/students and researchers outside Binghamton University, including several foreign scientific groups.

A Unique Program For Each Student

We do not believe that all graduate students should fit into one and the same "mold." Graduate training in our program is individualized for each of our graduate trainees. No two students take all the same courses or engage in the same research activities. Students choose their areas of study for the qualifying exam in collaboration with their graduate mentor.

Interdisciplinary Research

Our program is also designed to foster collegiality and cooperation among labs. We support students conducting collaborative research across laboratories within our department or with other programs at Binghamton University.

Center for Developmental Psychobiology

The Center for Developmental Psychobiology is funded by Binghamton University and brings together many faculty and graduate students with developmental interests from multiple research backgrounds within the Behavioral Neuroscience area. Both the Center and the Department frequently sponsor guest scientists as colloquium speakers or as visiting researchers

Contact: Ralph Miller

rmiller@binghamton.edu

Application Deadlines:

If you are interested in the Behavioral Neuroscience graduate program, you should submit the pre-application. The pre-application serves to communicate your interest to the department. To formally apply, you must obtain an application from the Graduate Admissions Office of Binghamton University.

NEW YORK

USA

State University of New York - Brockport

Department of Biological Sciences

DegreesOffered: MS

<http://www.brockport.edu/biology/grad/index.html>
<http://www.brockport.edu/envsci/index.html>

The Department of Biological Sciences offers rigorous master's-level graduate study for part- and full-time students, featuring small classes, and the opportunity to pursue thesis research projects under the supervision of experienced faculty mentors in either the Department of Biological Sciences or the Department of Environmental Science and Biology. Many graduates of the program have obtained employment with government agencies, private industry, and non-governmental organizations. Others have gone on to doctoral programs at leading universities, or to advanced training in medicine or other health professions.

At SUNY Brockport, a Master of Science in Biological Science may be obtained under two separate plans. Plan I is a traditional program requiring a thesis based on original research. Students considering further graduate study or employment in government or private laboratories are encouraged to enroll in this plan. Plan II is a non-thesis program designed for, but not restricted to, teachers, medical technologists, lab technicians and other employed persons. This plan permits a more flexible course of study than does a traditional thesis program. It requires an independent research experience but permits imaginative projects

Contact: Dr. Adam Rich, Graduate Coordinator (585) 395-5740 arich@brockport.edu

ApplicationDeadlines:

Applications must be received by November 15 for Spring semester matriculation, and July 15 for Fall semester matriculation. Please note: if you are interested in a teaching assistantship, the deadline is earlier!

State University of New York - Buffalo

Department of Anthropology

DegreesOffered: PhD

<http://wings.buffalo.edu/anthropology/webstuff/programs/graduate/progs.htm>

The Department of Anthropology offers a broad range of graduate studies in theoretical and methodological areas of anthropology in the subfields of archaeology, cultural anthropology, and physical anthropology. Subfield studies can be combined or complemented with work in other disciplines. The purpose of our program is to provide students with the critical skills necessary for successful professional careers as anthropologists. From the first year, students combine required course offerings with research and coursework tailored to their needs. The Department of Anthropology is housed on the North Campus of the University at Buffalo. Our facilities provide extensive laboratory, office, classroom, and museum space in support of the graduate program.

Physical anthropology provides a solid grounding in evolutionary theory. Within the broad field of primatology, faculty interests focus on primate social behavior, descriptive and functional anatomy of nonhuman primates, and population genetics. Other faculty interests focus on adaptive human biology, including factors affecting growth and health, and work capacity in contemporary populations. Methodologically, strengths include anthropometry, ethological methods, osteological analysis, comparative primate anatomy, and methods of population genetics. Current research is being conducted in China and Chautauqua County, New York (human biology, medical anthropology); Sulawesi, Indonesia (evolutionary ecology); and Cayo Santiago, Puerto Rico (primate behavior). Other sources available include an extensive nonhuman primate skeletal collection and a serology laboratory. In addition, the department is the repository for a nineteenth-century cemetery skeletal collection.

Graduate Group in Evolutionary Biology and Ecology

This graduate group is an interdisciplinary group of faculty and students interested in the ecological and evolutionary processes that give rise to biological and behavioral diversity among plant and animal species. Members are drawn from anthropology, biology, geology, psychology, and anatomy. Our activities include core courses in evolution and ecology, research seminars, journal clubs, and a distinguished speakers series. This graduate group receives official recognition from the Office of the Vice Provost for Research and Graduate Education.

Contact: Margaret Kasprzyk, Graduate Program
Coordinator

mmk22@buffalo.edu

ApplicationDeadlines:

The Fall deadline dates for completed application materials to this Department are : January 20 for all applicants seeking financial assistance from this Department. Those receiving an award will be notified in writing on or about April 15th. All other international applicants seeking Fall admission must have completed application materials to the Department by March 15 ; all other U.S. applicants must have completed application materials to the Department by May 1.

NEW YORK

USA

State University of New York - Buffalo

Department of Psychology

DegreesOffered: MS, PhD

<http://wings.buffalo.edu/soc-sci/psychology/doctoral/neuroscience.html>

The goal of the Behavioral Neuroscience Program is to provide the student with both a broad and deep knowledge of the physiological and biological factors that control and affect behavior. Through a close and personalized student mentor relationship, we try to instill in the student an appreciation for programmatic problem oriented, rather than technique oriented, research. We seek to produce sophisticated, versatile teacher/scientists. The Behavioral Neuroscience Program provides training toward the PhD for approximately 20 students at a time. Faculty in the area represent a wide range of interests in Behavioral Neuroscience, making our program a particularly rich and diverse intellectual environment. A number of adjunct faculty add to this intellectual breadth by participating in some program activities and serving on some student committees.

All students in the program are expected to master a core of theoretical and research methods, as well as to become skilled in the conduct of their own research. In addition, students tailor their education to fit their own interests and professional goals through the selection of appropriate elective courses and research projects. The program serves to facilitate these goals by maintaining productive and high quality research programs, and by providing a stimulating and motivating educational environment for the graduate students in the program

Contact: Sandra Murray

smurray@buffalo.edu

ApplicationDeadlines:

To ensure consideration for competitive fellowships that supplement assistantships, completed applications for Fall 2006 must be received by December 15, 2005. The final deadline for receipt of completed applications for Fall 2006 is January 5, 2006. For applications to be considered complete, all materials listed below need to be received by our department. Program committees begin to work with applications and make financial award decisions around the last week in January.

We cannot consider applications without GRE scores; therefore, it is important that you plan to take the GREs early enough for scores to reach us in January. The GENERAL TEST is required; the subject test is optional. Applicants will be notified of decisions by April 15th.

Application is through an ONLINE form only

State University of New York - Stony Brook

Department of Psychology

DegreesOffered: PhD

<http://www.psychology.sunysb.edu/psychology/index.php?graduate>

Although students are accepted into one of four departmental areas, we offer training in numerous cross-cutting themes of study. As such, students have access to multiple faculty and research programs within and outside the department with common interests.

The faculty composing our programs are internationally known scholars. They hold editorial positions at major Psychology journals, are members of grant panels at the National Science Foundation and the National Institutes of Health, and hold substantial research grants. With their students, they present their work at major national conferences and publish in leading journals.

The Biopsychology program offers a year-long and excellent graduate course in behavioral and cognitive neuroscience.

The Clinical program has been ranked first in the country for the past 10 years and second for the past 30 years in training clinical faculty.

The Cognitive/Experimental program has 7 faculty members with interests in language, memory, decision making, and visual attention. The program offers an unusually collegial atmosphere, where faculty, students, and post-docs frequently collaborate with each other and with members of other departments (e.g., Computer Science and Linguistics).

Stony Brook was one of the first programs in the country to merge the areas of Social and Health psychology. Although other top schools have since followed SBU's lead (e.g., Carnegie Mellon, UCLA, University of Miami), ours is considered to be one of the flagship institutions for social/health psychology.

Contact: Marilynn Wollmuth, Graduate Program 631 632-7855 mwollmuth@notes.cc.sunysb.edu
Coordinator

ApplicationDeadlines:

NEW YORK

USA

State University of New York - Syracuse

Department of Environmental Science & Forestry

DegreesOffered: MS, MPS, PhD

<http://www.esf.edu/graduate/acadprog.htm>

The graduate program in Environmental and Forest Biology is organized in areas of study designed to provide a strong background within specific interest areas. Faculty with nationally and internationally recognized expertise define the scope of subject matter within a study area, recommend acceptance of students, and guide them through a course of study appropriate to student goals and aspirations. Most students develop a degree of depth and specialization in at least on large taxonomic group, such as plants, fungi, vertebrates, or insects.

Nine areas of study are available: conservation biology, ecology, entomology, environmental interpretation, environmental physiology, fish and wildlife biology and management, forest pathology and mycology, and plant science and biotechnology. One area, chemical ecology, is shared with the Faculty of Chemistry. Additional information on each of these areas of study is available by telephone, email or written request to any of the professors listed. Programs that bridge two or more areas may be developed by the student and steering committee

Contact: Dr. Myron J. Mitchell, EFB Graduate Program Director (315) 470-6765 mitchell@syr.edu

Roosevelt Wildlife Station
Adirondack Ecological Center

ApplicationDeadlines:

Fall: February 1
Spring: November 1

Syracuse University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://biology.syr.edu/graduatestudies/graduatestudies.html>

The Department of Biology is committed to graduate training of the highest quality. Its programs are sufficiently flexible to permit training in diverse research areas and to allow for the natural evolution of new specializations or unusual combinations of areas of interest. Graduate programs leading to either the M.S. or Ph.D. degree are offered in a wide variety of disciplines within the areas of biochemistry, genetics, molecular and cell biology, and population biology. Primary emphasis is placed on full-time, research-oriented graduate training.

Contact: Dr. Scott Pitnick, Graduate Program Director sspitnic@syr.edu

ApplicationDeadlines:

It is strongly recommended that applications be completed and received by mid-February to be considered for Fall admissions and financial support (teaching assistantship and tuition scholarship). To be considered for nomination for a Syracuse University Graduate Fellowship, the deadline is January 10.

NORTH CAROLINA

USA

Duke University

Biology Department

DegreesOffered: PhD

<http://www.biology.duke.edu/graduate/index.html>

The Graduate Program in Biology offers diverse and integrative training opportunities for students seeking the Ph.D. degree in the biological sciences. A master's degree may be obtained by students en route to the Ph.D. or by those who leave the doctoral program; students primarily interested in a terminal master's degree are not admitted to the program.

The Biology Department provides training opportunities in the following broad range of research areas: ecology (including behavioral ecology, population biology, community ecology, physiological ecology, ecosystem analysis, and biogeochemistry), functional biology at the cell and molecular level (including cellular physiology, molecular genetics, developmental biology, developmental genetics, genomics, and bioinformatics, in both plant and animal systems), functional biology at the organismal level (including comparative physiology, functional morphology, biomechanics, and animal behavior), and evolutionary biology (including population genetics, evolutionary ecology, evolutionary morphology, macroevolution, biogeography, and systematics). Many faculty research programs span multiple research areas and levels of biological organization, creating a dynamic training environment for graduate students interested in cross-disciplinary training.

Faculty and graduate student members of the Graduate Program in Biology also participate in university-wide graduate programs, including the University Program in Cellular and Molecular Biology, the University Program in Genetics, the University Program in Ecology, and the Developmental Biology Program. These programs link researchers across different departments and schools at Duke, most notably the basic sciences departments in the Duke University Medical Center and the Nicholas School of Earth and Ocean Sciences. There also are strong links with the Institute of Statistics and Decision Sciences, the Center for Nonlinear and Complex Systems, and the Departments of Biological Anthropology and Anatomy, Philosophy, and Psychological and Brain Sciences. Tropical research is facilitated through the University's close affiliation with the Organization for Tropical Studies.

Programs of study reflect individual students' interests as well as departmental and university course offerings. Students are assigned a temporary advisor when admitted and are encouraged to begin research in the first year of study. Requirements for the Ph.D. include course work, participation in seminars relevant to the field of research, successful completion of an oral qualifying examination, one year of teaching experience, and completion of a research dissertation under faculty guidance.

Contact: John Willis, Ph.D., Director

919 684 3649

jwillis@duke.edu

Duke Forest

Duke Marine Lab

Duke Primate Center

Highlands Biological Station

North Carolina Museum of Natural Sciences

North Carolina Supercomputing Center

ApplicationDeadlines:

December 31

NORTH CAROLINA

USA

Duke University

Department of Biological Anthropology and Anatomy

DegreesOffered: PhD

<http://www.baa.duke.edu/grad/>

Admission to the graduate program in Biological Anthropology and Anatomy is not contingent on any particular course of study at the undergraduate level. The goal of the graduate program is to provide students with a broad-based background in organismal biology with which to study the behavior, ecology, and evolution of primates. The three general areas of specialization in the department are: (1) behavior, ecology, and genetics; (2) paleontology, systematics, and evolution; and (3) functional, comparative, and developmental morphology. Students are encouraged to define a course of study that crosses these boundaries and that extends beyond the strict limits of primatology. Research opportunities include behavioral research at the Duke University Primate Center; ecological and behavioral fieldwork in Africa, South America, Asia, and Madagascar; paleontological fieldwork in Africa, South America, North America, and Madagascar; and laboratories in experimental functional morphology and comparative embryology. Courses of study are tailored to meet individual needs, but all students will be expected to take gross human anatomy, a course in statistics and experimental design, and at least one course in each of the subfields of the department.

Contact: Daniel Schmitt, Director of Graduate Studies (919) 684-4124 daniel.schmitt@duke.edu

access to worldwide field sites

ApplicationDeadlines:

December 31

NORTH CAROLINA

USA

Duke University

Department of Psychological and Brain Sciences

DegreesOffered: PhD

<http://www.pbs.duke.edu/graduate/index.htm>

Graduate training in Psychological and Brain Sciences provides students with exceptional opportunities to examine cognition at a variety of levels of analysis (behavioral, systems, neural, and molecular) and with a variety of techniques (brain imaging, animal models, developmental, computational, and behavioral). Our research programs stand at the intersection of brain and behavior, psychology and neuroscience, mind and brain. Working together with faculty in a variety of related programs we apply our knowledge and state of the art techniques to answer questions that are central to our understanding of mind and brain.

Our graduate program emphasizes research training, with students working in the laboratory with their mentor from day one. We believe that the best way to develop critical thinking skills is to actually engage in research and learn about experimental design, data collection, analysis and interpretation. To this end, course requirements are kept to a minimum, allowing students to create with their mentors an individualized course of study that is tailored to their interests and needs.

Our department's faculty have research interests in three main substantive areas (Memory, Perception, and Decision-Making) and employ four different experimental approaches to their research questions (Behavioral Neuroscience, Cognitive Development, Cognitive Neuroscience, and Cognitive Psychology). To envision the specific research areas our department encompasses, consider a matrix formed by crossing the substantive areas with the experimental approaches. At the intersections of this matrix are the specific paradigms used by our faculty to investigate their research questions.

Contact: Fonda Anthony

919-660-5640

fonda@psych.duke.edu

ApplicationDeadlines:

December 1

NORTH CAROLINA

USA

North Carolina State University

Zoology Department

DegreesOffered: MR, MS, PhD

<http://www.cals.ncsu.edu/zoology/graduate.html>

The Department of Zoology offers programs leading to Master of Science and Doctor of Philosophy degrees, as well as a non-thesis Master of Zoology degree. The programs prepare students for academic careers of research and teaching or for MS and PhD research careers in industry or government research institutes. For these degrees, graduate work consists of a program of courses, seminars, and research planned in conjunction with the student's adviser and advisory committee. The non-thesis Master of Zoology program primarily consists of coursework and prepares students for positions in teaching, science education, or professional programs (e.g., medical, veterinary). In addition to offering degrees in Zoology, the department participates in interdepartmental programs in Physiology and in Fisheries and Wildlife Sciences, and a concentration in Behavioral Biology. A total of 62 full time and adjunct faculty members direct graduate research in various areas of zoology.

Contact: Dr. Thurman Grove, Director (919) 515-7567 thurman_grove@ncsu.edu

NC Cooperative Fish & Wildlife
W. M. Keck Center
NCSU's Center for Marine Sciences and Technology
Lake Wheeler Fish Unit

ApplicationDeadlines:

March 15, October 15

University of North Carolina - Chapel Hill

Department of Biology

DegreesOffered: PhD

<http://www.bio.unc.edu/graduate/>

With over 50 faculty and state-of-the-art research facilities, the Department of Biology at UNC-CH provides an exceptional opportunity for students seeking graduate training at the forefront of biology. Our students use experimental and theoretical approaches in the laboratory and the field to study a wide range of organisms at all levels of biological organization, from molecules to ecosystems. The Department of Biology is an extraordinarily collaborative environment where students are a vital part of an intellectual community that transcends disciplinary boundaries.

Contact: Ms. Julia Nichols 919-962-3391 jnichols@bio.unc.edu

The department is housed in three adjacent modern laboratory buildings with a full range of facilities for research in fields ranging from molecular to environmental biology, including environment rooms, greenhouses, an extensive herbarium, confocal and electron microscopes, microarray facilities, and modern computer facilities. Students also have access to the facilities of the Institute of Marine Sciences and the research vessel Cape Hatteras of the Duke/UNC Oceanographic Consortium. A botanical garden, a behavioral research station, and extensive and varied tracts of land in their natural states (owned by the University) are available for research only a few miles from campus. Proximity to two other major universities, Duke and North Carolina State, and to the nationally known Research Triangle Park provides exceptional and diverse opportunities for graduate training and research. The University is a member of the Organization for Tropical Studies, which provides research and training opportunities in Costa Rica.

ApplicationDeadlines:

January 1

NORTH CAROLINA

USA

University of North Carolina - Chapel Hill

Department of Psychology

Degrees Offered: PhD

<http://www.unc.edu/depts/biopsych/>

Students in our program receive training in the conceptual and empirical areas necessary to work on the biological basis of behavior: They learn to integrate advanced techniques in biological and neurobiological analysis with equally advanced behavioral techniques. Research formsRich.Susan.jpg (9862 bytes) the core of the program and is a central part of the curriculum from the first year until completion of the degree. Moreover, the program is designed to strike a balance between course work, research, and teaching experiences. Students are strongly encouraged to articulate their knowledge and research findings through scholarship, publication, presentation at professional meetings, and teaching. Many of our students and faculty are supported by our training grant, "Predoctoral Training in Research on Drug Abuse."

The Department of Psychology at The University of North Carolina at Chapel Hill has consistently ranked in the top 20 "Best Grad Programs in the US" for many years.

Contact: Barbara Atkins

(919) 962-4146

batkins@email.unc.edu

Application Deadlines:

December 1

NORTH CAROLINA

USA

University of North Carolina - Greensboro

Biology Department

DegreesOffered: MA

http://www.uncg.edu/bio/pages/grad_conc.html

Faculty in the Department of Biology are committed to providing training in basic science with considerable exposure to the latest biological and computational technology, the required skills for entry into rewarding life science careers. Our faculty and students work in an atmosphere that encourages extensive interdisciplinary exchange of ideas and technology, the cornerstone of innovative and purposeful research.

Our research interests center on the effects of environmental, nutritional, and chemical factors on biological systems. We use a range of state-of-the-art tools to assess biological responses at the molecular, cellular, organismal and ecosystem levels. We are also interested in developing new technologies to assess the effects of environment and lifestyle on human health and environmental quality. Our faculty have received national funding to address a variety of basic and applied questions in molecular and cellular biology, genetics, aquatic ecology, neuroscience and developmental biology. Check our faculty interests at the website linked to this text to learn more about current research projects. You are strongly encouraged to call potential research advisors and set up a visit to their laboratory to find out more about your possible role.

Contact: Dr. Malcolm Schug (336) 256-0086 mdschug@uncg.edu

The Department of Biology is located in the Eberhart Life Sciences Building on the UNCG campus. Our facilities include a biotechnology core facility, equipped with the requisite major and small equipment necessary for performing molecular biology research. The facility includes equipment for the production of oligonucleotides and automated DNA sequencing. We also have a wide range of microscopy equipment, computer capabilities, and other specialized equipment. Departmental faculty also have access to local field sites and national field stations for conducting environmental studies.

ApplicationDeadlines:

Domestic:

Fall: July 1

Spring: November 1

Summer: April 1

International:

Fall: May 15

Spring: September 15

Summer: February 15

NORTH CAROLINA

USA

University of North Carolina - Greensboro

Department of Psychology

DegreesOffered: MA, PhD

<http://www.uncg.edu/psy/grad.htm>

The Department of Psychology offers doctoral training (Ph.D.) in psychology that centers on developing an independent research program. An M.A. degree is awarded during the course of doctoral study. We also now offer a terminal masters program (M.A.) in general experimental psychology.

Training Areas. Our four major training areas are clinical psychology, cognitive psychology, developmental psychology, and social psychology. We also have emerging emphases on quantitative methodology and biological psychology. The department also maintains strengths in behavior analysis, learning theory, and quantitative methods. Students specializing in clinical psychology typically engage in applied research and learn how to effectively apply the methods and principles of psychology to the treatment of clients having psychological disorders. Students specializing in cognitive, developmental or social psychology engage in basic and/or applied research but not in clinical activities.

Contact: Dr. John Seta

(336) 256-0013

jjseta@uncg.edu

ApplicationDeadlines:

December 15 for PhD

December 15 and April 20 for MA

University of North Carolina - Wilmington

Department of Psychology

DegreesOffered: MA

<http://www.uncw.edu/psy/grad-purpose.html>

The Department of Psychology at the University of North Carolina at Wilmington offers a program leading to a Master of Arts degree in psychology. The program has three concentrations: one general and two clinical. Each concentration emphasizes the scientific methods and principles common to all fields of psychology. All students participate in supervised research, and a thesis is required.

* General Psychology

* Substance Abuse Treatment Psychology

* Applied Behavior Analysis

Students in all three concentrations complete a research methods sequence in the first year, a core of coursework in psychology, comprehensive exam, and a thesis. Students enrolled in the Substance Abuse Treatment and Applied Behavior Analysis concentrations complete additional coursework emphasizing clinical and behavior analytic concepts and skills.

Contact: Graduate Coordinator

(910) 962-3370

ApplicationDeadlines:

January 15

NORTH CAROLINA

USA

Wake Forest University

Department of Biology

Degrees Offered: MS, PhD

<http://www.wfu.edu/academics/biology/new/grad/eco.html>

The Ecology, Evolution, and Systematics Focus Group includes a group of faculty with wide-ranging expertise in population biology and evolution. Special strengths within this group include overlapping faculty interests in biogeography, life history evolution, phylogenetic systematics, conservation biology, evolutionary genetics, Neotropical ecology, and aquatic ecology. Research emphases of the faculty include a broad range of experimental, comparative, and molecular techniques in both laboratory and field applications. Graduate students have available to them experts in DNA sequencing, allozyme electrophoresis, multivariate statistics, mathematical modeling, cladistic phylogenetic reconstruction, and the region's field sites. In taxonomic terms, the faculty specialize in flowering plants, birds, mammals, yeast, mussels, fish, and endoparasites, yet supervise graduate student research in all taxonomic categories.

Faculty frequently collaborate to offer seminar discussion courses at the graduate level. Recent offerings include Evolution of Sex (Zeyl, Browne, and Anderson), Conservation Biology (Weigl), Life History Evolution (Anderson and Browne), Species Concepts (Kron) and Biogeography (Kron and Weigl). Several lecture-based graduate courses are offered by EES faculty, including Behavioral Ecology (Anderson), Physiological Ecology (Dimock), and Foundations of Ecology (Silman and Anderson).

The EES faculty welcome graduate student research proposals that build on their ongoing research programs as well as new directions prompted by incoming graduate student interest. Please feel free to contact any one of us to explore possibilities for Master's degree and Ph.D. research.

Contact: Brian Tague (336) 758-5322 taguebw@wfu.edu

Research in the Biology Department is conducted in a number of locales. All faculty and their research groups use Winston Hall laboratories. Many also work in collaboration with other groups in the nearby Research Triangle area and at other universities. Several faculty split their time between their own research lab at Wake Forest and institutional affiliations at the Duke Marine Lab, the Marine Biological Laboratory at Woods Hole, and the Archbold Biological Station. Some groups focus their research efforts at field sites, especially the Galapagos Islands, the Manu Field Station in Amazonian Peru, the Smithsonian Tropical Research Institute in Panama, alpine habitats in Wyoming, and mountain habitats in western North Carolina. Pictures of these research resources will be coming here soon!

Application Deadlines:

NORTH DAKOTA USA

NORTH DAKOTA USA

North Dakota State University

Department of Zoology **DegreesOffered:** MS, PhD

Department of Zoology **DegreesOffered:** MS, PhD

<http://biology.ndsu.nodak.edu/graduate.html>

The Department of Biological Sciences offers several degree programs for students planning to conduct graduate work at NDSU. Students can select a major in Botany, Biology, Zoology, or Cellular and Molecular Biology. Financial assistance is available for most students in the form of a research or teaching assistantship.

Graduate students generally take several courses that relate to their interests and chosen research. Master's degree students must complete a minimum of 30 credit hours to graduate. Ph.D. students must complete a minimum of 90 credit hours. These figures include both credits from actual coursework as well as research credits.

In addition to coursework, graduate students in the Department of Biological Sciences work with an advisor on a research project that meets the interests of the student. Graduate students are also required to form a committee of individuals that have expertise in the student's area of interest. A proposal which must be approved by the student's committee is required before any research begins. Research is usually conducted in either the field or laboratory. A final thesis or dissertation is required to complete a graduate degree in the Department of Biological Sciences.

Contact: William Bleier, Chair 701 231-8421 William.Bleier@ndsu.nodak.edu

Contact: William Bleier, Chair 701 231-8421 William.Bleier@ndsu.nodak.edu

Contact: William Bleier, Chair 701 231-8421 William.Bleier@ndsu.nodak.edu

ApplicationDeadlines:

University of North Dakota

Department of Biology **Degrees Offered:** MS, PhD

Department of Biology **Degrees Offered:** MS, PhD

http://www.und.edu/dept/biology/biology_graduate_program.htm

The University of North Dakota Department of Biology offers graduate studies leading to the Master of Science, and Doctor of Philosophy degrees. These programs are designed to prepare students for academic teaching and research, research in government service, and research and development opportunities in industry. The Department offers graduate specialization in the following areas: Ecology, Behavior, Genetics, Physiology, Fisheries and Wildlife Biology, Systematics, Neurobiology, and Cell and Molecular Biology.

Contact: Director of Graduate Studies (701) 777-2621 biograd@sage.und.nodak.edu

Contact: Director of Graduate Studies (701) 777-2621 biograd@sage.und.nodak.edu

Contact: Director of Graduate Studies (701) 777-2621 biograd@sage.und.nodak.edu

The Department operates two field stations for research and class use. The Forest River Biology Area is 40 miles from the campus, and includes habitats suitable for studies in aquatic and woodland biology: spring brook, swamp, moist and dry woods, and a section of the Forest River. The Oakville Prairie Station consists of 200 acres of virgin upland and lowland prairie only 12 miles from campus.

ApplicationDeadlines:

April 15 for Summer or Fall

Bowling Green State University**Center for Environmental Programs****DegreesOffered:** MA, PhD<http://www.bgsu.edu/departments/envp/#>

leads to a Bachelor of Science degree OR to a M.A. or Ph.D. through Interdisciplinary Studies (see below)

Environmental Science is the study of the biological and physical world as it is affected by natural and man-made activities. It is a field that has become increasingly important as population pressures have forced us to recognize our responsibilities for pollution, resource depletion, and land abuse.

Environmental Science at BGSU places priority on the natural sciences. Students develop the skills needed to investigate, document, and solve environmental problems.

Although natural sciences are emphasized in this program, especially biology and chemistry, courses in the social sciences and humanities are also required so that the students can better understand the interrelationships that characterize sensitive environmental issues.

This program is planned by students with the help of their advisor. They select an area of emphasis and take a series of advanced courses in such fields as restoration ecology, chemical analysis, geographic information systems, and wildlife conservation.

Graduates qualify for positions in water resource planning, biological and chemical testing, public health and energy systems design, among others.

The interdisciplinary studies degree option is a response to increasing interest by students and faculty in an interdisciplinary approach to graduate study and scholarship. It is available to students who have been admitted to a doctoral degree program, but who have unique educational needs that cannot be met within a single degree program. It is limited to those areas in which sufficient faculty and adequate material resources exist to support the proposed course of study.

Any student who has been admitted to a doctoral degree program and who is interested in pursuing the interdisciplinary studies degree option may develop a proposal under the direction of a faculty advisory committee representing each program or major area of scholarship identified in the proposed interdisciplinary course of study. The course of study must be one that is not available through an existing program, must be at the level (i.e., master's, specialist, or doctoral) of the program to which the student has been admitted, and must combine at least two different graduate degree areas which offer the graduate degree at the level (i.e., master's, specialist, or doctoral) sought by the student. The faculty advisory committee must include a minimum of three members of the graduate faculty for a master's student and a minimum of four members of the graduate faculty for a doctoral student

Contact: Department 419-372-8207 envs@bgnet.bgsu.edu

ApplicationDeadlines:

For admission to a doctoral program, applicants should allow at least six months for necessary documents to arrive on campus and be processed by the appropriate degree program and the Graduate College. For admission to a master's program, at least three months should be allowed for processing. International applicants should allow more time for the application process. Applicants interested in assistantships should apply even earlier. Applicants should contact the appropriate degree program for specific deadlines and requirements.

OHIO

USA

Bowling Green State University**Department of Biological Sciences****DegreesOffered:** MAT, MS, PhD<http://www.bgsu.edu/departments/biology/index.html>

The Department of Biological Sciences offers graduate training for professional careers in both applied and fundamental areas of biology. Programs are available leading to the degrees of Master of Arts in Teaching, Master of Science, Specialist in Applied Biology, and Doctor of Philosophy. Major areas of concentration include molecular biology, microbiology, cell biology, development, genetics, physiology, neurobiology, behavior, ecology, and evolution. The Specialist in Applied Biology program offers immunohematology as an area of specialization. Interdisciplinary research programs in the fields of chemistry, geology, and psychology are also available.

Contact: Lorraine DeVenney, Secretary 419-372-8552 ldevenn@bgnet.bgsu.edu

The forty laboratories housed in the building are equipped with state-of-the-art instrumentation. Included are scanning and transmission electron microscopes, X-ray analyzers, ultracentrifuges, scanning and dual-beam spectrophotometers, high performance liquid chromatography equipment, gamma and liquid scintillation counters, mainframe and microcomputers, environmental control chambers, darkrooms, cold rooms, biochemistry and tissue culture labs, saltwater and freshwater labs, and a biohazard work area. Other departmental facilities include 80-acre and 100-acre forest preserves; a greenhouse complex with areas for the propagation and breeding of temperate, tropical, subtropical, and desert plants; a herbarium containing over 20,000 specimens; A 9,000-square-foot animal facility has thirty breeding and maintenance rooms and a P3 area. An excellent science library is located adjacent to the Life Sciences Building.

ApplicationDeadlines:

For admission to a doctoral program, applicants should allow at least six months for necessary documents to arrive on campus and be processed by the appropriate degree program and the Graduate College. For admission to a master's program, at least three months should be allowed for processing. International applicants should allow more time for the application process. Applicants interested in assistantships should apply even earlier. Applicants should contact the appropriate degree program for specific deadlines and requirements.

Bowling Green State University**Department of Psychology****Degrees Offered:** MA, PhD<http://www.bgsu.edu/departments/psych/>

Graduate instruction in psychology at Bowling Green State University leads to the M.A. and Ph.D. degrees. While graduate students normally meet the requirements for the master's degree en route to the Ph.D., we do not generally admit students who seek only the master's degree.

The primary goal of the Ph.D. program is the development of scientists capable of advancing psychological knowledge. The program is characterized by both an emphasis on extensive academic training in general psychology and an early and continuing commitment to research. Although each graduate student will seek an area in which to develop his or her own expertise, students will be expected to be knowledgeable about many areas and will be encouraged to pursue interests that cross conventional specialty lines.

The program is research oriented; students are encouraged to become involved in research early in the first year of graduate training. Each student normally works in close association with a sponsor or chairperson whose special competence matches the student's interests but students are free to pursue research interests with any faculty member and in any area(s) they choose. Both basic and applied research are well represented within the department. The quality of the Department of Psychology was recently recognized by substantial Academic Challenge grants by the Ohio Board of Regents to enhance the doctoral programs in the clinical and industrial-organizational psychology areas.

The student-faculty ratio is low, permitting extensive supervision and individual attention to the student's growth and development. One of the major strengths of our program is the extent to which students and faculty share interests with those in other areas. Students frequently work closely with faculty from as many as three areas and/or interests during their tenure here.

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Contact: Ms. Paula Watson, Graduate Secretary

pwatson@bgsu.edu

Application Deadlines:

Applications for the Graduate Studies to the Department of Psychology are accepted for admission for the FALL term only.

OHIO

USA

Clinical: December 15 (International Applicants are strongly encouraged to apply earlier)
All other areas: January 1 (International Applicants are strongly encouraged to apply earlier)

Case Western Reserve University

Department of Anthropology

DegreesOffered: MA, PhD

<http://www.case.edu/artsci/anth/gradprograms.html>

The Department of Anthropology offers graduate programs leading to the Master of Arts and Doctor of Philosophy degrees. Whether you're studying for a Master's or a Doctorate, you have numerous options for specialization and concentration: medical anthropology, cross-cultural aging, physical anthropology/human biology, international health, psychological anthropology. Along with these programs, the department also offers combined programs with the School of Nursing and the School of Medicine.

Contact:

Professor Janet McGrath

ApplicationDeadlines:

If you would like to be considered for departmental financial aid, your application must be received and complete by March 1st before the Fall semester in which you would like to enroll.

OHIO

USA

Case Western University**Department of Biology****DegreesOffered:** MS, PhD<http://www.case.edu/artsci/biol/biol.htm>

The Department of Biology is committed to providing comprehensive training to both undergraduate and graduate students with strong programs in such diverse areas as Biochemistry, Molecular Biology, Genetics, Cell Biology, Developmental Biology, Plant Biotechnology and Plant Sciences, Neurobiology and Animal Behavior, Physiology, and Ecology. We maintain close associations with departments in the School of Medicine and the Divisions of Engineering and Science. It is our mission to continue to promote research programs of national and international prominence and to provide strong undergraduate and graduate educational programs that emphasize integrative approaches to biological problems.

The department offers a number of undergraduate programs, including a highly successful summer undergraduate research program (SPUR), HHMI sponsored research programs for undergraduates, faculty and guest lecture seminar series, annual lectures, and various summer outreach programs for high school teachers and students.

We will continue to provide strong educational and research programs that support preparation in professional development for careers in health sciences and research in biological sciences.

Cooperative programs between the Department of Biology and the Case Western Reserve University School of Medicine, the Cleveland Museum of Natural History, the Cleveland Clinic, and other departments in Case Western Reserve University significantly extend the range of resources available to biology students. Students may conduct individual research projects with faculty in the Biology Department and with faculty in cooperating departments. For more details click on Undergraduate or Graduate Studies.

The graduate program of the Department of Biology offers research-oriented programs leading to the Master of Science (M.S.) and Ph.D. degrees. In addition, there is a course work-oriented M.S. program. The Biology Department Faculty conduct research in three areas of concentration: Neurobiology and Neuromechanical Systems; Developmental Biology and Tissue Engineering; and Plant Dynamics and Disturbance Ecology. An integrated systems approach to addressing biological problems is utilized in each of the major areas of concentration. Biology subdisciplines represented within the three major areas include, genetics, biochemistry, cell and molecular biology, physiology, animal behavior, ecology, plant sciences, and computational biology. The Biology Department maintains arrangements with several other departments to extend the range of resources and enable the students to do research or obtain specialized training in a wide variety of fields. Cooperating departments include Biochemistry, Genetics, Neurosciences, Anatomy, Molecular Biology and Microbiology, Pathology, Pharmacology, Physiology and Biophysics, and Biomedical Engineering. Weekly seminar courses provide a continuing review of the most current research in many fields, as well as a close faculty-student relationship.

Contact: Sue Durdella

(216) 368-2742

sxj5@po.cwru.edu

ApplicationDeadlines:

☐Application deadline for Fall admission January 7 - Ph.D. and M.S.; Spring.
Admission September 30th -M.S. admissions.

Kent State University - Stark Campus**Department of Psychology****DegreesOffered:** PhD
<http://dept.kent.edu/psychology/gradprograms/index.htm>

The Department of Psychology is located in Kent Hall, one of the older, traditional-style buildings on the gently rolling, tree-covered front campus. A new Kent Hall annex was recently completed to accommodate the department's growth. The original part of Kent Hall is currently under going major renovations.

The Ph.D. programs in clinical and experimental psychology were established in 1965 and have graduated more than 500 students. The clinical program has been accredited continuously by the American Psychological Association since 1968; its most recent site visit was in 1999, resulting in continued accreditation for the maximum seven year period.

The Department of Psychology has extensive computer facilities. There is a computer lab for graduate students, which provides access to the Internet and to Kent State's library facilities including PsycInfo and other OhioLink resources. The library also houses IBM compatible and Macintosh computers that students may use.

Other facilities in the department include suites for research, extensive animal housing and laboratory space, and a Psychological Clinic that provides supervised training for clinical graduate students. The Psychological Clinic offers psychological services both to members of the university community and the broader geographic community. In addition to individual assessment and psychotherapy, the clinic provides specialized services such as child and family treatment, neuropsychological assessment, treatment of eating disorders, and forensic assessment. All clinical students spend eight semesters in the clinic, under the close supervision of clinical faculty members who are licensed psychologists and actively involved in professional clinical activities.

The department also contains the Applied Psychology Center (APC). A major goal of the APC is to promote psychological research concerning applied problems by improving student training and enhancing faculty expertise in these areas. The APC has been supported by nearly \$18 million in research grants, ranging in topics such as prevention of AIDS among inner-city women, anxiety among African American children, minority career advancement, psychopathology in child trauma victims, post traumatic stress disorder, and visual metacognition in the legal process. The Center for the Treatment and Study of Traumatic Stress, a partnership with a major hospital group providing research and clinical training on stress, health, and well being, has been established recently in the Psychology department.

☐The Psychology Department has a nationally and internationally recognized faculty. We currently have 30 full-time faculty members on the Kent campus and 12 more on the Regional Campuses. Faculty are productive scholars who have received significant national and university recognition for their scholarly and teaching accomplishments. For example, five members of our faculty have received KSU Distinguished Teaching Awards (Professors Lilly, Newberry, Reuter, and Riccio, and Taylor), and three members of our faculty have received KSU Distinguished Scholar Awards (Professors Graham, Hobfoll, and Riccio). Four additional faculty (Professors Folk, Hobfoll, Joynes, and Newberry) are nominees for this award. During the past five years, faculty published an average of 41 articles and 4 books per year and averaged almost 100 presentations per year at professional meetings. Currently, 5 faculty serve as editors or associate editors of major professional journals, and 17 faculty serve on editorial boards. Last year our department received over \$1.3 million in grant awards.

With close to 1000 majors, we have one of the largest undergraduate majors on campus. The undergraduate program emphasizes the fundamentals of psychology as the science of behavior, including basic psychological processes and problems of living. Our aim is to provide students with opportunities to obtain a broad liberal arts education, to design courses of study which prepare them for a wide range of careers, and to prepare students for advanced training in Psychology should they choose to pursue it. One distinguishing characteristic of the Kent State Psychology Department is that it provides undergraduates with many opportunities for hands-on research experience. Last year, over 230 undergraduates were enrolled in Undergraduate Research.

OHIO

USA

At the graduate level, we have Ph.D. programs in both Clinical Psychology and Experimental Psychology, with over 120 graduate students currently enrolled in these programs. Specializations within Experimental Psychology include programs in Biopsychology, Child Psychology, Cognitive Psychology, Health Psychology, and Social Psychology. Faculty and graduate students in both clinical and experimental psychology contribute new knowledge for the betterment of society through basic and applied research activities. The Applied Psychology Center facilitates these efforts by providing support for applied research projects. The Psychological Clinic provides training for clinical graduate students and services to students, faculty, staff, and community residents. The development of specialty practica has increased the breadth of training opportunities for clinical students. Several external indicators point to the very high quality of our doctoral programs. The Clinical Training Program has been accredited by the American Psychological Association since 1968. In addition, our doctoral program was recently selected by the University for selective enhancement. The Psychology Department at Kent State University is a vibrant, stimulating, and innovative center of research, teaching, and community service. We thank you for your interest in our department, and we invite you to come visit us in Kent Hall.

Contact: Graduate Admissions Coordinator 330-672-8536 gradpsyc@kent.edu

ApplicationDeadlines:

Only students who are interested in full-time graduate study are considered for admission. It is the policy of the department to admit only those students whose goal is the Ph.D. in psychology and who are considered by the Admissions Committee as likely to complete the doctorate. The M.A. degree is viewed as a subgoal, which is only one of several requirements for obtaining the Ph.D. The deadline for applications to be considered for fall admission to psychology is January 1. Admissions are considered only for the fall semester. Students are not admitted to the graduate programs on a part-time or probationary basis.

Kent State University - Stark Campus**Department of Anthropology****DegreesOffered:** MA, PhD<http://dept.kent.edu/anthropology/index.html>

Anthropology is the academic discipline that studies humans holistically through an interdisciplinary lens: combining science with humanities; biology with culture; history with prehistory; and primates with language. Anthropology is by definition concerned with human diversity, and we have provided primary leadership within academia in researching this important domain for over one hundred years. Anthropology trains students to think critically, write clearly, and speak thoughtfully about what it means to be human. Methodologically, we emphasize both quantitative and qualitative evaluation and train students to go beyond the statistics. By focusing on the complex linkages among the three subfields of anthropology- cultural anthropology, archaeology, and biological anthropology- and by emphasizing the importance of interdisciplinary teamwork, anthropology prepares students to survive in an increasingly multidisciplinary and multicultural world. Anthropology as a discipline is more relevant today than at any time in its distinguished history. The Department of Anthropology was established as a separate academic unit within the College of Arts and Sciences at Kent State University in 1991. It currently is composed of eight full-time faculty and offers two undergraduate degrees (B.S., B.A.) and two graduate degrees, a Master of Arts in Anthropology and Ph.D. in Biological Anthropology. The Department of Anthropology maintains classroom, laboratory, and office space in recently renovated Lowry Hall. The anthropology program at Kent State University has made many concrete contributions to the community, the region, and the world. From conserving species diversity in the South American rainforest, to demonstrating sustainable farming methods in Mexico, to probing the neural basis of language evolution, our anthropology faculty have been at the forefront of discovery, education, and stewardship. Our graduates occupy key positions in academia, government, and business. As a department, we are proud of our accomplishments. At the same time, we seek to change with changing circumstances, to build on our strengths, and to continue to advance our program in the decade to follow.

Contact: Dr. Mark Seeman (330) 672-4363 mseeman@kent.edu

ApplicationDeadlines:

Students are advised to visit the department and discuss their intentions with faculty before they apply. Applications are due February 1 for the following fall semester - they are not considered for the spring semester. Applicants will be notified of acceptance and funding in early March. Accepted students will be assigned to a faculty advisor depending on the student's research interests. The advisor may change during the course of the program if the student so wishes.

Miami University of Ohio**Department of Zoology****DegreesOffered:** MAT, MS, PhD<http://zoology.muohio.edu/zoo/graduate/>

The Department is one of the largest at Miami University and also one of the largest Zoology programs in the nation. This allows us to offer a wide range of courses and seminars from cellular and molecular biology to conservation and environmental biology.

The 34 faculty members in the Zoology Department work closely with students to help them plan their programs of study, conduct research, and pursue special internship and employment opportunities. A very large percentage of our undergraduates are admitted to professional and graduate schools or they acquire rewarding jobs in the biological sciences. Likewise, our graduate students have excellent success at acquiring faculty and research positions in colleges and universities, as well as employment in research laboratories, state and national parks, government agencies, and private firms.

Miami University is known for its classic architecture and beautiful campus. It is located in scenic, pastoral southwestern Ohio, one hour from Cincinnati and Dayton, and is adjacent to the quaint and historic town of Oxford. The University and town offer a peaceful and friendly community in which students can make use of the faculty and facilities to achieve their career goals.

Contact: Michael J. Vanni, Ph.D., Graduate
Advisor

vannimj@muohio.edu

The Department has outstanding laboratory facilities that are supported by the University, as well as by grants from the Howard Hughes Medical Institute, National Institutes of Health; National Science Foundation; the U.S. Department of Agriculture and the U. S. Environmental Protection Agency. Facilities include DNA sequencing, synthesizing, and analytical equipment and specialized equipment for cellular, developmental and neurophysiological research, including electron microscopy and confocal laser facilities.

Miami University is located near excellent sites for field studies in terrestrial and aquatic ecosystems. The University's Ecology Research Center, located close to the campus, has nearly two hundred acres devoted to a wide range of research projects in behavior, ecology, and environmental biology. In addition, Hueston Woods State Park is only 6 miles from campus and several other field sites are readily available to faculty and students.

ApplicationDeadlines:

Screening of applications begins on February 1st. To receive full consideration for the available positions in the graduate program, all application materials should be received by that date.

OHIO

USA

Miami University of Ohio**Department of Psychology****DegreesOffered:** PhD
<http://www.units.muohio.edu/psychology/grad-programs.html>

Our department is organized into three subareas based on research and teaching interests, reflecting subdisciplines in psychology. Although many of our faculty and students have interests in more than one area (and we certainly encourage interdisciplinary work), our teaching, research, and graduate training programs are organized around three major programs. We also have faculty who provide concentration in developmental psychology for graduate students admitted to one of the three major subareas in the department. The three major subareas are Brain & Cognitive Science, Clinical, and Social.

Our programs offer excellent opportunities for advanced training in six areas of psychology: clinical, social, cognitive, developmental, human factors, and psychobiology. Our website reviews the research and teaching interests of our faculty, all of whom are actively engaged in research and graduate teaching. I hope you will take the time to correspond with any faculty member whose research interests you.

Our goal is to provide an environment in which students thrive intellectually. We strive for a balance between enough structure to gauge your progress and provide grounding in the breadth of psychology and enough freedom for you to design a program optimal to your own professional goals. The doctoral program provides a training and experience in research, teaching, and application of psychology. Our graduate stipends are competitive. All of our graduate students receive financial support, which allows them to devote maximum time and effort to their graduate studies and research.

Contact: Carolyn Howard, secretary for graduate admissions

howardcm@muohio.edu

ApplicationDeadlines:

Application is made through the Graduate School. The deadline for receiving the completed application and supplementary materials is January 1.

OHIO

USA

Ohio State University**Department of Animal Sciences****DegreesOffered:** MS, PhD<http://www.ag.ohio-state.edu/~ansci/>

The Department will be recognized as the premier provider in Ohio, and one of the top academic units in the nation, for an undergraduate education in animal sciences. The Department will be identified nationally and internationally as one of the most outstanding academic units for a graduate education in animal sciences. The Department will have a reputation in the State, nationally, and internationally for being a leader in developing new knowledge in the biological sciences for food producing animals and horses, and dissemination of this knowledge to the scientific community and public.

The Mission of the Department of Animal Sciences is to discover and communicate knowledge about animals and their products. The delivery of this mission is directed to the students of The Ohio State University, the citizens of Ohio and other parts of the world, the scientific community, stakeholders of the Department, and others who are interested in animals used for food and fiber production, recreation, and companion purposes.

Contact: Debra Gallagher, Graduate Program Coordinator 614-292-7131 gallagher.7@osu.edu

We support research facilities and animals at the main campus in Columbus, at the Ohio Agricultural Research and Development Center in Wooster and at several research branches located throughout the State. Complementing our facilities are resources at Ohio State's other professional program areas: Biology, Medicine, Veterinary Medicine, Chemistry, Mathematics, Physical Sciences and Computer Sciences.

ApplicationDeadlines:

OHIO

USA

Ohio State University**Department of Entomology****DegreesOffered:** M.S.,PhD<http://www.oardc.ohio-state.edu/entomology/graduate.asp>

Our large graduate faculty offers training and experience in the following fields of specialization:

- * Acarology
- * Apiculture
- * Aquatic Entomology
- * Biological Control
- * Chemical Ecology
- * Economic Entomology
- * Environmental Toxicology
- * Insect Behavior
- * Insect Biochemistry
- * Insect Ecology
- * Insect Genetics
- * Insect Morphology
- * Insect Pest Management
- * Insect Physiology
- * Insect-Plant Interactions
- * Insect Tissue Culture
- * Insect Toxicology
- * Insect Vectors
- * Insect Virology
- * Medical and Veterinary Entomology
- * Molecular Biology
- * Soil Ecology
- * Systematic Entomolog

Contact: Polly Graham

(614) 292-8209

graham.311@osu.edu

The Columbus campus includes classrooms, well-equipped laboratories, a large collection of insects and acarines, and an apiary. There is an excellent library system at Ohio State University, with the majority of its extensive entomological holdings housed in the branch library in the classroom building. The Instructional and Research Computer Center is one of the finest in the country. Facilities at The Ohio Agricultural Research and Development Center, Wooster, Ohio, include classrooms, well-equipped laboratories, computers, technical library, insectary, glasshouse space, and extensive field plots. Additional plots are available at ten other Branches throughout the State. Excellent opportunities exist for interaction with related agricultural research programs. The Franz Theodore Stone Laboratory at Put-in-Bay operates as a summer biological field station of the University, and offers unusual opportunities in aquatic and field biology. Other field areas in the State are available to graduate students in Entomology.

ApplicationDeadlines:

US students: AU - Aug 15; WI - Dec 1; SP - Mar 1; SU - May 15.

Int'l students: AU - July 1; WI - Nov 1; SP - Feb 1; SU - May 1.

OHIO

USA

Ohio State University

Department of Evolution, Ecology, and Organismal Biology

DegreesOffered: MS, PhD

<http://www.biosci.ohio-state.edu/~eeob/admiss.html>

The Evolution, Ecology, & Organismal Biology Graduate Studies Committee (GSC) welcomes applications for admission to the M.Sc. and Ph.D. programs in Evolution, Ecology, & Organismal Biology. By the time of admission, applicants must have earned a B.Sc. or B.A. from an accredited institution with a major in one of the life sciences. Course work in calculus, physics, and organic chemistry or biochemistry is required.

Contact: Dr. Douglas Nelson

614-292-7551

nelson.228@osu.edu

ApplicationDeadlines:

The deadline for application to the Department of Evolution, Ecology, & Organismal Biology is January 15. International applicants who wish to be considered for fellowships must have their applications completed by November 30, 2004.

Ohio State University

Department of Neuroscience

DegreesOffered: PhD

<http://medicine.osu.edu/neuroscience/>

The Ohio State University Neuroscience Graduate Studies Program: Growth and change aimed at discovery and excellence.

Welcome to the Neuroscience Graduate Studies Program, an interdisciplinary graduate program of the Ohio State University. Our mission is to provide outstanding training in neuroscience and related disciplines. Our students graduate with a broad knowledge of contemporary neuroscience, cutting-edge expertise in their area of specialization, and the skills to adapt to future developments in this rapidly moving and exciting discipline. Graduates of our Program go on to pursue successful careers in academia, industry, health care and related areas.

With more than 65 research faculty, we offer expertise and training across the entire spectrum of neuroscience, with particular strength in Molecular and Cellular Neuroscience, Developmental Neuroscience, Behavioral Neuroscience, Neural Degeneration and Regeneration, Neuroimmunology, and Neuropharmacology. The neuroscience community at Ohio State University is in a period of rapid growth, and new faculty are being hired at a rapid pace. The new Neurobiology of Disease Institute will link basic and clinical research efforts in the study of diseases of the nervous system, and new research programs in neuro-oncology and gene therapy are also being established.

Contact: Anthony Wright

(614) 292-6639

wright.458@osu.edu

ApplicationDeadlines:

Applicants must submit ALL materials to the Neuroscience Program no later than March 1 of the year they wish to enroll.

Ohio State University**Department of Psychology****Degrees Offered:** PhD
<http://www.psy.ohio-state.edu/graduate/>

The Department of Psychology awards the Ph.D. in seven programs, each covering a wide range of research topics, as described below.

Clinical Psychology

The main areas of emphasis: systematic research on clinically-relevant problems; assessment and treatment of problematic behavior. There are three subspecialties: adult, child, and health.

Faculty emphasizes behavioral, cultural, developmental, and social perspectives. Faculty research interests include health psychology, i.e. cardiovascular and pulmonary disease, cancer, psychoneuro-immunology, women's health and related topics. In the adult and child specialties, the areas of interest include personality, assessment and training of social skills, clinical/social judgment, sexuality, childhood psychopathology and anxiety disorders. The program is accredited by the American Psychological Association.

The department's Psychological Services Center and other cooperating mental health facilities are the sites for clinical training.

Cognitive Psychology

Main areas of emphasis: cognition/memory/learning; human performance; and perception. Faculty research includes: perceptual-motor coordination, psychophysics, categorization, decision-making, human factors, electrophysiological correlates of human cognition and information processing, language processing and psycholinguistics, auditory and visual perception, and music perception/cognition.

Counseling Psychology

The Counseling Psychology Program is no longer accepting applicants because the program is being phased out by the department.

Developmental Psychology

Main areas of emphasis: social and personality development; cognitive development; and comparative cognition. The orientation of the program is on studying psychological processes from a developmental perspective. All phases of the life span are represented--infancy, childhood, adolescence, and adulthood. Faculty research includes; sociomoral development and antisocial behavior; parenting and adolescent behavior; cultural influences on development; language and cognition; children's understanding of psychological and emotional processes; and chimpanzee cognitive capacities.

Mental Retardation and Developmental Disabilities

Main areas of emphasis depend on student's area of specialization in MR/DD Psychology. The MR/DD-Developmental track deals with issues such as normal and abnormal life span development, early intervention, and habilitation; the MR/DD-Clinical track focuses on psychopathology in mental retardation, which includes issues of classification, assessment, treatment, and prevention of behavior problems and psychiatric disorders; the MR/DD-Industrial/Organizational track concentrates on issues of human services administration, public policy, and employment of persons with developmental disabilities.

Current faculty research interests in developmental disabilities include epidemiology, classification, behavior management, and psychopharmacotherapy of severe aberrant behaviors (antisocial behavior, stereotypy and self-injurious behavior) and psychiatric disorders (including autism, specific reading disorders, depression, anxiety, fear, panic); psychotherapy research; psychological and cognitive correlates of psychiatric disorders; applied behavior analysis and ecobehavioral analysis; development of diagnostic tests and assessment instruments for adaptive and maladaptive behavior; socio-emotional development; health promotion.

OHIO

USA

Psychobiology and Behavioral Neuroscience

Main areas of emphasis: behavioral neuroscience, behavioral endocrinology, and psychophysiology. Research focuses on the neurological and neurochemical mechanisms of behavior and development; species-specific behaviors; early experiential factors in behavioral development; the ontogeny of learning and memory; psychophysiological factors underlying affects and emotions; autonomic nervous system; animal models of neurodegenerative diseases; behavioral pharmacology.

Various methods for the assessment of sensory, perceptual, associative and cognitive functions are practiced, including classical and operant conditioning. Research methods include electrophysiological, neurosurgical, neuropharmacological and psychophysiological approaches.

Quantitative Psychology/Judgment and Decision Making

There are three areas of specialization within the quantitative program: (1) traditional quantitative methods, including multivariate quantitative methods and models, measurement theory, and model selection; (2) judgment and decision making, including modeling and experimental studies of human judgment and decision processes; (3) mathematical psychology, including development and application of mathematical models of psychological processes. Students can focus their studies in one area, or a combination. The program helps students develop and expand their mathematical, statistical, and computer skills, and encourages them to apply those skills to substantive areas in psychology. There is considerable flexibility to accommodate students with a variety of interests.

Faculty research includes quantitative methods such as covariance structure models, factor analysis, categorical data analysis, models of multilevel data, clustering, and multidimensional scaling; mathematical modeling of human judgment and decision processes, including axiomatic, algebraic, connectionist and stochastic approaches; and model selection methods.

Students, faculty, and prominent visiting scholars interact in weekly seminars. The area supports several microcomputer laboratories, including a judgment and decision making laboratory.

Social Psychology

Main areas of emphasis: attitudes and persuasion, social cognition, attribution, political psychology, intergroup relations and personality processes and individual differences. Applied opportunities and training are also available in consumer psychology and health psychology.

The program emphasizes the acquisition of research and conceptual skills. Current research and theory are evaluated in weekly seminars, many of which are conducted by outstanding visiting scholars. Laboratory space and equipment, including computer-based attitudes and social cognition laboratories, closed-circuit audio/video facilities and one-way observation rooms, permit the study of the full range of social processes.

Contact: Cartha Sexton, Graduate Program Coordinator (614) 292-4112 sexton.3@osu.edu

You will complete your study and research in facilities considered among the best in the nation. The Psychology Department is housed primarily in two adjacent buildings. Townshend Hall and Lazenby Hall, which contain extensive laboratory and computing facilities, as well as faculty, staff, and student offices and classrooms. Plans are in place for a new building to replace and expand the Townshend Hall facilities, to be built in approximately 2005-2006.

The large and experienced Psychology Department staff includes programmers as well as electronics and audio/visual technicians.

Departmental researchers have access to the Departmental subject pool, wherein students in introductory psychology courses contribute more than 35,000 hours of participation each year.

Ohio State's library system is the largest in Ohio and among the largest in the nation. It has more than 5.2 million volumes and receives more than 36,000 periodicals. More than 600 of these periodicals are journal titles cited in

OHIO

USA

Psychological Abstracts. It has PsycLiT on CD-ROM, which provides access to all contents of Psychological Abstracts from 1974 to the present. It was the first automated library system and it remains the most advanced library and circulation system in the country.

ApplicationDeadlines:

Your application must be complete on or before December 30 (DOMESTIC APPLICANTS) (December 15 for domestic applicants to the Clinical program) November 30 for all International applicants if you wish to be considered for acceptance in the following Autumn quarter.

Ohio State University

Department of Anthropology

DegreesOffered: MA, PhD

<http://anthropology.ohio-state.edu/>

The Department of Anthropology offers educational and research opportunities through its teaching and other activities in various areas of anthropology, especially physical (or biological) anthropology, archaeology, and cultural anthropology. The Department's empirical and scientific orientation emphasizes teaching and research in evolution, ecology, diet, adaptation, and health in past and living societies. As one of the largest research and teaching universities in the United States, The Ohio State University has many opportunities, resources, and experiences for its students, faculty, and university community in general.

Our most central and important resource is the people who fill its classrooms, labs, and offices. Our students, undergraduate and graduate, have numerous research and field opportunities. The department offers classes and programs in many areas of anthropology. Archaeology introduces students the complexities of the past, from the first agriculturalists to the earliest state-level societies. Students can also learn about animal and plant remains, remote sensing, and a range of issues in archaeological theory and practice. Cultural anthropology expose students to the wonderful diversity of extant societies, including Native Americans and peasant societies as well as examining issues surrounding development and cultural conflict. Classes on ethnographic fieldwork and anthropological theory are also offered. Biological (or physical) anthropology takes students from the evolution of early primates and humans to modern primate and human variation and from nutrition to women's issues to gerontology. Many facets of the biology of humans are explored. Linguistic anthropology explores the meaning of language in social context.

Contact: Dr. Jeff McKee, Graduate Studies Chair

mckee.95@osu.edu

ApplicationDeadlines:

January 1.

OHIO

USA

University of Akron

Department of Biology

DegreesOffered: MS

<http://www3.uakron.edu/biology/gradprogram.htm>

THE AKRON ADVANTAGE!

- * Two year Masters degree
- * Numerous research opportunities available from molecular, organismal to ecology
(Faculty research supported by NIH, NSF, AHA, NOAA)
- * Department that values integration across many biological disciplines
- * Great teaching in a small interactive classroom setting
- * A good record of job and doctoral placement upon completion of degree
- * Continued financial support throughout your program
- * Apply your skills and learn new ones!
- * Attend and present at scientific meetings

Contact: Dr. M. Turner, Chair, Graduate
Committee

meturner@uakron.edu

Bath Nature Preserve and Field Station

ApplicationDeadlines:

For those that want to be considered for teaching assistantships applications should be completed by the end of May at the latest for full consideration.

University of Cincinnati

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://bioweb.ad.uc.edu/general.asp?subject=grad>

The Department of Biological Sciences, University of Cincinnati, offers both the M.Sc. and Ph.D. degrees. Our graduate program is a research program, with specialties covering all levels of biological organization, including:

- * Molecular biology
- * Cell and microbial biology
- * Genetics
- * Animal and plant physiology
- * Animal behavior
- * Evolution and ecology
- * Environmental biology

Contact: Mary Wischer

513 556-9700

Mary.Wischer@uc.edu

high speed video; video imaging.

ApplicationDeadlines:

OHIO

USA

University of Dayton

Department of Biology

DegreesOffered: MS, PhD

<http://artssciences.udayton.edu/Biology/Graduate/>

Welcome to the Graduate Program in Biology. We maintain fourteen to sixteen full-time students and fourteen full-time faculty members. Both the M.S. and Ph.D. degrees are awarded.

The success of our program lies with a strong orientation toward bioinstrumentation and the individualized treatment of each graduate student. Graduates from the program are in high demand and are readily employed by academic institutions, industry, government agencies, research institutions, and hospitals.

Contact: Shirley J. Wright, Director of graduate
program

molecular biology lab; protected reserves; greenhouse

ApplicationDeadlines:

OKLAHOMA

USA

Oklahoma State University

Department of Zoology

Degrees Offered: MS, PhD

<http://zoology.okstate.edu/gradinfo.htm>

The Department of Zoology at Oklahoma State University promotes the advancement and dissemination of knowledge pertaining to animal life, including its origins, diversity, conservation, and management. We prepare students for careers in academia, medicine, veterinary medicine, wildlife and fisheries conservation and environmental education, and related fields. We conduct field and laboratory research into various areas of zoology, with particular emphases on ecology and conservation. In addition, we provide crucial coursework and collaborative research support to other disciplines on campus, including botany, renewable natural resources, genetics, and microbiology.

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M.S. in Zoology or Wildlife and Fisheries Ecology

*

Ph.D. in Zoology or Wildlife and Fisheries Ecology

Contact: Melissa Gentry, Sr. Staff Counselor (405) 744-9686 melissa.gentry@okstate.edu

Oklahoma Cooperative Fish and Wildlife Research Unit

Application Deadlines:

1. Make contact with faculty member(s) whose research interests you
2. Submit required application materials to the Department Head
3. Submit required application materials to the Graduate College

OKLAHOMA

USA

University of Oklahoma

Department of Zoology

DegreesOffered: MS, PhD

<http://www.ou.edu/cas/zoology/graduate.htm>

The graduate program in the Department of Zoology began soon after the University of Oklahoma was founded, and the first Ph.D. degree awarded by OU was in Zoology. The graduate program now has internationally-recognized strengths in ecology/systematics, animal behavior, neurosciences, physiology, and genetics/cell biology. The Department maintains an enrollment of about 50 graduate students.

The goal of our PhD program is to prepare students for successful careers in academic, biomedical, environmental, or government institutions. We take special pride in the quality of our graduate teaching and our record of training successful scientists. Our open and collaborative atmosphere encourages creative and interdisciplinary research.

Students interested in behavior at the University of Oklahoma should follow the EEB (Ecology & Evolutionary Biology) links.

Contact: Dr. Rosemary Knapp 405-325-4821 zoology@ou.edu

Our research and training facilities for field studies, molecular biology, microscopy, bioinformatics, quantitative biology, and physiology are excellent, and they are further enhanced through integration of the department with the OU Biological Station, the Oklahoma Museum of Natural History, and the Oklahoma Biological Survey.

ApplicationDeadlines:

Although special consideration may be given for admission once the academic year has begun, most students are accepted during the Spring semester for enrollment in the Fall. In addition, most financial support is awarded at this time. Applications for Fall enrollment should be filed with the Chairman of the Graduate Selections Committee as early as possible, preferably by January 15. Later applications may be considered.

Students applying to the Zoology graduate program are strongly urged to contact faculty members in their area of interest before or during the application process.

OKLAHOMA

USA

University of Oklahoma

Department of Psychology

DegreesOffered: MS, PhD

<http://www.ou.edu/cas/psychology/grad/index.htm>

An interdisciplinary core faculty offers training in the behavior of birds, mammals, and invertebrates from an ecological perspective. Students primarily interested in cognitive adaptations, foraging behavior, hoarding or human evolutionary psychology should apply for admission through the Department of Psychology. Students primarily interested in other areas of animal behavior should apply through the Department of Zoology. Those admitted through the Department of Psychology are broadly trained in evolution, behavioral ecology, and methodology, with more focused coursework and research experience based on individual interests and goals.

The Department of Psychology offers both Master of Science and Doctor of Philosophy degrees in Psychology. Areas of specialization in graduate training include cognitive psychology, social-personality, industrial-organizational, quantitative psychology, animal cognition (jointly with zoology), and developmental psychology.

The programs of graduate training in the department are designed to produce experimental psychologists who are capable of assuming positions in academia, as well as industry and government. In a rigorous but cooperative and congenial atmosphere, high-quality research psychologists are trained to contribute to the body of knowledge of scientific psychology, as well as to disseminate and apply psychological knowledge.

Moreover, the Department has an exceptionally high placement record. OU graduates have been consistently placed in academia, private sector, and government positions.

Contact: Kathryn Paine1-800-522-0772 kpaine@ou.edu
ext 4511**ApplicationDeadlines:**

January 1

OREGON

USA

Oregon Health Sciences University

OGI School of Science & Engineering

DegreesOffered: MS, PhD

<http://www.ebs.ogi.edu/prospective.php>

The Department of Environmental and Biomolecular Systems offers exceptional training opportunities for well-qualified Ph.D. and M.S. degree candidates. Our program spans a wide scope of research areas and provides for in-depth training opportunities. EBS scientists and their collaborators study physical, chemical, and biological processes using biomolecular, chemical, genetic, and computational approaches. Department research covers all relevant scales--molecular, cellular, particle, and ecosystem. In 2005, U.S. News and World Report ranked EBS 32nd nationwide in environmental/environmental health.

Contact: Department

503-748-1070

info@ebs.ogi.edu

ApplicationDeadlines:

Applications are considered year-round.

In general all applicants, but particularly those applying to the Ph.D. and the M.S. thesis programs, should carefully inspect the research interests of department faculty to ensure that your interests are well aligned with those of one or more of the department's faculty. You are also welcome to contact individual faculty concerning your potential involvement in their research.

Oregon State University

Department of Zoology

DegreesOffered: MS, PhD

<http://zoology.science.oregonstate.edu/?q=pro-grad>

Since the major goal of the graduate program is to prepare scientists for careers in research and teaching, we admit only those who demonstrate a potential for innovative research. The following description of our admission criteria, application requirements, and deadlines should help you assess your qualifications for admission to the Department of Zoology.

The research programs in the Department of Zoology are nationally recognized and internationally acclaimed. Faculty serve as editors of the most prestigious journals in their fields and as officers of major academic societies (e.g., AAAS, American Society of Naturalists, Ecological Society of America, International Society of Developmental and Comparative Immunology, Society for the Study of Evolution). In a recent ranking of research programs in ecology, evolution and behavior, Oregon State University placed in the top 18% of programs in the United States and was the highest ranked scientific program in the State of Oregon. Research in the Department focuses on three areas: Ecology & Evolutionary Biology, Physiology & Behavior, and Development & Cell Biology. A great strength of the Department is that many of our faculty work in two or even three of these areas.

Contact: Traci Durrell-Khalife

541-737-3705

durrellt@science.oregonstate.edu

ApplicationDeadlines:

Jan 15 -- all application materials should be complete and on file in order to assure consideration for admission in the Fall of the same calendar year. It is the applicant's responsibility to see that his or her file is complete and that those persons requested to send letters of recommendation have done so. Late applications will be considered if they are from well-qualified students and are for areas of the department in which vacancies still exist.

OREGON

USA

Portland State University

Department of Biology

DegreesOffered: MS, MA, PhD

<http://www.bio.pdx.edu/grad/grad.html>

Philosophic Commitments - The faculty:

1. are committed to providing a strong undergraduate and graduate program in biology related to the natural occurrence of organisms and encompassing all levels of biologic function from molecules to ecosystems,
2. are committed to a perspective that research is fundamentally important to their professional growth and to the teaching vitality of the Department,
3. are committed to innovative and rigorous teaching at all levels,
4. are committed to the principle that research is birthed from the creativity of individual faculty but that it is strengthened by collaborative interactions within the Department as well as between departments, other universities and community agencies, and
5. believe that awareness of the scientific method as practiced by biologists is essential to students seeking a balanced Liberal education.

Where we currently are:

We have 19 faculty. Our research and teaching explore several facets of biology that bridge the gap between molecules and ecosystems, but we maintain our focus on organisms. We offer entry level classes for students majoring in biology as well as for students majoring in other fields, and a rich diversity of courses at the upper division and graduate level. Regardless of the track, students will experience the breadth of biology including genetics, physiology and evolution. Students will also experience a diversity of other subjects including systematics, ecology, anatomy and biochemistry.

Most of the graduate students must complete a thesis that is based on original research and supervised by a faculty committee. This puts a premium on collaboration among faculty within the unit as well as cultivating research opportunities with off-campus organizations (e.g., OHSU, the Oregon Zoo, ODFW and the USFS). There are several collaborative on-going research projects involving graduate students with cooperating agencies in Oregon, primarily agencies in Portland.

Research areas:

Animal Physiology and Behavior

Research focus on utilizing comparative models to understand physiological mechanisms of environmental adaptation in vertebrates. This is a highly integrative group with research programs operating on many levels of biological organization, from organismal physiology and behavioral ecology to molecular mechanisms of gene expression. In more specific terms, the comparative physiology group has extensive research capacity in cardiovascular physiology, mitochondrial physiology, temperature regulation and acclimation, neurobiology and sensory physiology, behavior, osmoregulation and dehydration tolerance, energetics, ethanol effects, and environmental effects on development and behavior in both a laboratory and field context. Students interested in understanding how animals adjust their physiology to exploit various environments as well as pre-professional students (physicians, nurses, dentists, medical-technicians, etc.) will find the courses offered by this group of particular interest.

OREGON

USA

Genetics, Genomics, Molecular and Cell Biology

Investigating molecular and cellular mechanisms that influence cell and genome maintenance, comparing genomes and transcriptomes of different organisms, and using genomic and proteomic approaches to understand how organisms interact with their environments. One group focuses on organisms, viruses, and communities inhabiting extreme environments. This group is part of the multi-disciplinary Center for Life in Extreme Environments at Portland State University, and also is intertwined with the Ecology and Evolution and Systematics groups in the Biology Department. Many of these faculty are also involved in the inter-campus Integrated Graduate Education Research Training Subsurface Biosphere program with Oregon State University. Other faculty members in the group focus on organisms ranging from plants to arachnids to fishes to humans. This faculty group will be of particular interest to students who are interested in molecular, genetic, genomic, and proteomic techniques, and in understanding the genetic and molecular basis of how organisms adapt to their environment.

Evolution and Systematics

Conduct research programs that focus on how genes and organisms change over time. Their work examines how populations change and ultimately how such genetic and phenotypic evolution affects species diversity, in organisms ranging from bacteria to plants and animals. In addition, they examine coevolutionary adaptations of viruses, and mechanisms of coevolution. These faculty integrate field sampling, field observations, and experimentation, with sequencing and other molecular techniques in order to address questions concerning historical and contemporary changes in organisms and populations. Their work encompasses aspects of conservation genetics, biogeography, phylogeography, speciation, hybridization, phylogenetics, molecular evolution, and systematics. Students who wish to understand the processes by which our world's biological diversity has evolved will benefit from this group's research and teaching in evolution and systematics.

Ecology

Use combinations of classical and molecular tools to address questions in ecology. These faculty study the ecology of microbes and viruses that inhabit extreme environments such as hot springs, marine hydrothermal vents, deep and cold marine sediments; the population genetics of dolphins and whales; plant ecological genetics and phylogeography; biogeography; evolution; conservation; invasive species biology; island biology; behavioral ecology of vertebrates; urban ecology and effects of fragmentation on vertebrate communities; population and behavioral ecology; forest ecology; extrapair mating systems of birds; and coevolution of viruses and their hosts. The faculty are focused on addressing questions concerning the factors affecting the distribution and abundance of organisms, and factors affecting this abundance as well as the behavior of populations. Their research will interest students who wish to explore the contributions of microorganisms to natural ecosystems, naturally occurring factors that influence the structure of natural communities, and conservation ecology and phylogeography.

Science, Education and Society

Science education and outreach. All of the faculty have ongoing collaborations with local public school districts, the Graduate School of Education, and ed-oriented groups on and off campus. Students who are interested in teaching science or in methods to improve learning in science, as well as those interested in ethics and values in science, will be attracted to this group. Direct opportunities for high school students and teachers range from courses offered at Yellowstone National Park to hands-on laboratory and field research.

Contact: Dr. Debbie Duffield, Graduate Coordinator (503) 725-4078 duffieldd@pdx.edu

Application Deadlines:

OREGON

USA

University of Oregon

Department of Psychology

DegreesOffered: MS, MS, PhD

<http://psychweb.uoregon.edu/gradprog/gpmain.htm>

The Psychology Department has approximately 30 full time faculty members. This size allows the department to function "as a whole" rather than as a set of insulated areas. Thus there are no rigid boundaries between biological, cognitive, developmental, personality, and clinical psychology. Although students admitted into the clinical psychology training program do have specialized requirements for the Ph.D. degree, they are free to pursue research problems with clinical or non-clinical faculty. We are very fortunate to have a tradition of research collaboration and intellectual communities that brings students and researchers together across traditional boundaries. For example, we currently have a weekly seminar series that is focused on joint interests in the study of emotion and in the study of development and psychopathology. Faculty and students from each of the more traditionally conceptualized areas participate in these weekly meetings.

Numerous additional intellectual communities draw students and faculty together in a collaborative way -- including the following examples: Clinical Intervention, Cognitive Development, Cognitive Neuroscience, Cognitive Psychology, Community Psychology, Decision Making, Developmental Psychology, Developmental Psychopathology, Emotion, Neuroscience, Personality, Psychopathology, Social Development, Social Psychology, Social Cognition, Systems Neuroscience, Trauma and Stress.

Contact: Graduate Secretary (541) 346-4921 gradsec@psych.uoregon.edu

ApplicationDeadlines:

May 15 for MA, MS

December 15 for PhD

University of Oregon

Institute of Neuroscience

DegreesOffered: PhD

<http://www.neuro.uoregon.edu/ionmain/htdocs/grdbroch.html>

Graduate training at the Institute of Neuroscience emphasizes creative research leading to the Ph.D. degree. We offer formal training programs in cellular and developmental biology and cell and systems neuroscience. Students may also elect to tailor individualized programs of study, in consultation with the Advisory Committee. The goal of the program is to expose graduate students during their predoctoral training to a range of ideas and techniques that will allow them to pursue successful research careers. We encourage students to take advantage of the ample opportunities for interdisciplinary research at the University of Oregon.

Contact: Judith Eisen 541 346-4539 Director@uoneuro.uoregon.edu

ApplicationDeadlines:

Applications for graduate study at the University of Oregon are handled by the academic departments. Most of our students are admitted through the departments of Biology, Psychology, or Human Physiology. Applicants should indicate their interest in the Institute of Neuroscience on the application form. Applications made through other departments should be coordinated with the Director of the Institute of Neuroscience.

PENNSYLVANIA

USA

Bucknell University

Animal Behavior Program

DegreesOffered: MA, MS, PhD

http://www.bucknell.edu/Academics/Academic_Programs/Animal_Behavior/index.html

The program in animal behavior is administered by the departments of biology and psychology. Courses applicable to the animal behavior degree are listed under the departments of biology and psychology.

Contact: Graduate Studies Department 570-577-1304 gradstds@bucknell.edu

ApplicationDeadlines:

Deadline for full consideration and financial aid award is March 1. Other deadlines are June 1 for fall enrollment, November 15 for spring enrollment, and April 15 for the summer term.

Bucknell University

Psychology

DegreesOffered: MS

http://www.bucknell.edu/Academics/Departments_Majors/Psychology/Graduate_Program/About_The_Masters_Program.html

This is a full-time, two-year program in general-experimental psychology that leads to the M.S. degree. Our program is small and selective, as they accept about 2-3 students per year. In recent years, graduates have gone to doctoral programs in many areas of psychology--clinical, cognitive, human development, neuroscience, social, behavioral medicine, and others. Because the program emphasizes basic research, they do not offer training in counseling psychology. However, some students conduct research in clinical psychology and on occasion complete a part-time assistantship at the Bucknell psychological counseling center.

Contact: Prof. Chris Boyatzis 570-577-1696 boyatzis@bucknell.edu

ApplicationDeadlines:

Deadline for full consideration and financial aid award is March 1. Other deadlines are June 1 for fall enrollment, November 15 for spring enrollment, and April 15 for the summer term.

PENNSYLVANIA

USA

East Stroudsburg University

Department of Biological Sciences

DegreesOffered: MS

http://www.esu.edu/biology/gr_programs.html

The graduate faculty in Biology offers two master's degree programs.

Master of Science with a major in biology with an emphasis in either:

- Biology or
- Biology: Management of Environmental Resources
- Master of Education with a major in biology

Each of the three routes to a master's degree in biology has the option of:

- Thesis
- Non-thesis (research problem)
- Non-research

The student is strongly advised to have a statistics course before initiating the thesis or the research problem.

Contact: Dr. Terry Masters (570)-422-3709 terry.master@po-box.esu.edu

ApplicationDeadlines:

The admission process takes approximately 5 to 7 weeks to complete. All degree programs and post-baccalaureate certification programs require the student to submit an "Application for Admission" to the Office of Graduate Studies and Research.

Lehigh University

Integrative Biology and Neuroscience

DegreesOffered: MS

<http://www.lehigh.edu/~inbios/grad/ddp.htm#neuro>

The program is designed to train students in advanced organismal biology with the emphasis on behavioral ecology, evolution, functional morphology, endocrinology, and neurobiology of animals. The mission is to create students who are broadly trained and uniquely capable of asking questions and solving problems at the interface of these traditionally defined fields. Students will earn a Ph.D. with a concentration in either behavioral neuroscience or behavioral and evolutionary ecology

Contact: Graduate Program Director 610-758-3680 inbios@lehigh.edu

ApplicationDeadlines:

Online applications are encouraged. Deadline for full consideration for the fall semester is July 1 (applications accepted beginning Sept. 1), December 1 for spring enrollment.

PENNSYLVANIA

USA

Lehigh University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.lehigh.edu/~inbios/grad/index.htm>

Research oriented programs leading to Ph.D. degrees are offered in three divisions of the biological sciences: biochemistry, integrative biology and neuroscience and molecular biology. The department also offers a Master's degree in molecular biology via distance education.

Contact: 610-758-3680 inbios@lehigh.edu

ApplicationDeadlines:

Lehigh University

Psychology

DegreesOffered: PhD

<http://www3.lehigh.edu/arts-sciences/casgpsychology.asp>

Students will complete a distinctive research-intensive Ph.D. program with a focus on Human Cognition and Development. Training is provided by a core curriculum and specialization in one of three intersecting clusters: Cognition and Language, Social Cognition and Personality, and Social and Cognitive Development.

Contact: Graduate Program Director 610-758-3618 inpsy@lehigh.edu

ApplicationDeadlines:

Online applications are encouraged. Deadline for Ph.D. program and for full financial aid consideration is January 15

Monell Chemical Senses Center

Monell

DegreesOffered: PhD

<http://www.monell.org/index.htm>

Talented doctoral candidates benefit greatly from the specialized research environment at Monell. Through cooperative arrangements, a student can complete course work at their degree-granting institutions and carry out thesis and dissertation research at Monell. The selection of graduate students from a range of scientific backgrounds complements Monell's interdisciplinary approach to training and research.

Contact: Charles J. Wysocki training@monell.org

ApplicationDeadlines:

PENNSYLVANIA

USA

Pennsylvania State University

Neuroscience

DegreesOffered: MS, PhD

<http://www.huck.psu.edu/Neuroscience/>

The Intercollege Graduate Degree Program in Neuroscience brings together scientists from different basic and clinical disciplines to focus on the nervous system. Research interests range from identifying the machinery of the brain at the cellular, molecular, or genetic levels to understanding how the nervous system processes information or determines behavior. Research programs are well-supported by grants from private and public funds, particularly from the National Institutes of Health. All accepted students receive full stipends and paid tuition costs, allowing full time for graduate studies.

Contact: Graduate Enrollment Services 717-948-6250 gswww@psu.edu

ApplicationDeadlines:

Deadline for full consideration is December 1.

Pennsylvania State University

Anthropology

DegreesOffered: MA, PhD

<http://www.anthro.psu.edu/graduate.html>

The master's program is designed to train students in general Anthropology. The doctoral program is structured to train students in the following areas of specialization: archaeology (with subspecialization in cultural ecology, analytical approaches, technological methods, and spatial anthropology); biological anthropology (with subspecialization in human adaptability, genetics, biological demography, human evolution, and human behavioral biology); and demographic anthropology.

Contact: Graduate Enrollment Services 814-865-1795 gswww@psu.edu

ApplicationDeadlines:

Online applications are encouraged. Deadline for Ph.D. program and for full financial aid consideration is January 15.

Pennsylvania State University

Psychology

DegreesOffered: PhD

[http://www.psu.edu/bulletins/whitebook/\\$programs.htm](http://www.psu.edu/bulletins/whitebook/$programs.htm)

The graduate Psychology program is characterized by highly individualized study leading to the Ph.D. degree. Emphasis is placed on research, teaching, and professional career development. Each student is associated with one of the six program areas offered in the department: Clinical (including Child Clinical; Cognitive; Developmental; Psychobiology; Industrial/Organizational; and Social.

Contact: Graduate Enrollment Services 717-948-6250 gswww@psu.edu

ApplicationDeadlines:

Deadline for Clinical, I/O Psychology, or Social Psychology is December 1st, and January 15th for Cognitive or Developmental Psychology.

PENNSYLVANIA

USA

Pennsylvania State University

Wildlife and Fisheries Science

DegreesOffered: MS, PhD

<http://www.sfr.cas.psu.edu/>

The major in Wildlife and Fisheries Science provides an integrated program of study for students interested primarily in conservation and management of wildlife and fish species and their environments. Research interests include habitat evaluation, ecology and management of game and nongame wildlife, animal damage control, urban wildlife, wildlife responses to altered ecosystems, conservation biology, fisheries management, fish behavior and ecology, and terrestrial and wetland ecosystems

Contact: Dr. Wayne L. Myers

814-863-0002

wlm@psu.edu

ApplicationDeadlines:

Pennsylvania State University

Human Development and Family Studies

DegreesOffered: MS, PhD

[http://www.psu.edu/bulletins/whitebook/\\$programs.htm](http://www.psu.edu/bulletins/whitebook/$programs.htm)

This interdisciplinary program is one of the graduate programs of the College of Health and Human Development. It is administered through the Department of Human Development and Family Studies. The Human Development and Family Studies graduate program is designed to educate students about research, theory, and methodology related to the study of individuals and families across diverse populations and diverse settings. There is a strong interest in the ways in which social institutions and settings such as day care facilities, schools, neighborhoods, and social policy institutions facilitate (or inhibit) opportunities for development and change for individuals and families. Understanding the characteristics and conditions that place individuals or families at risk for developing problems, designing effective prevention program to address those risks, and mounting rigorous evaluations of such programs is a growing emphasis in the program. All students, regardless of substantive area, are encouraged to develop strong skills in research methods, a hallmark of our graduate training. Through course work and apprenticeship experiences, students develop an understanding of the program's multidisciplinary life span/life course, and applied orientation. As student's progress through the program, they are expected to develop specialized expertise in two or more of the department's areas of concentration: individual development, family studies, intervention research, and research methods. Further specialization is possible in adult development and aging, biological bases of behavior, child and adolescent development, cognitive development and functioning, family relationships, integrative theories of human development, interpersonal relationships, and social-emotional development and change.

Contact: CRAIG EDELBROCK

814 865 2654

cse1@psu.edu

ApplicationDeadlines:

PENNSYLVANIA

USA

Pennsylvania State University

Ecology

DegreesOffered: MS, PhD

<http://ecology.psu.edu/program/program.htm>

The Intercollege Graduate Degree Program in Ecology brings together faculty from twelve different departments. Research and teaching in the program focus primarily on interactions among organisms and their environments, ranging from the molecular to the biosphere level.

Contact: Graduate Enrollment Services 717-948-6250 gswwww@psu.edu

ApplicationDeadlines:

Although applications will be accepted throughout the year, applicants are encouraged to submit materials prior to February 1. Applicants must secure a faculty research adviser before admission will be granted

Pennsylvania State University

Biology

DegreesOffered: MS, PhD

<http://www.bio.psu.edu/home/>

The Department of Biology is known nationally and internationally for its scientific excellence. Graduate students work with mentors in a broad spectrum of research areas, including cell biology, developmental biology, ecology, evolution, genetics, neuroscience, physiology and systematics. Faculty and students may also participate in Intercollege Graduate Programs, such as Integrative Biosciences, Ecology, and Neuroscience.

Contact: Graduate Enrollment Services 814-865-1795 gswwww@psu.edu

ApplicationDeadlines:

Pennsylvania State University

Applied Behavior Analysis

DegreesOffered: MA

[http://www.psu.edu/bulletins/whitebook/\\$programs.htm](http://www.psu.edu/bulletins/whitebook/$programs.htm)

The program prepares master's level graduates to function in community settings as applied behavior analysts, and to provide the academic training necessary for graduates to apply for national board certification in behavior analysis. The overall model emphasizes the core areas of the discipline including the scientific basis of behavior analysis, as well as how biological, social, and individual differences affect human behavior. Training will emphasize the development of both assessment and intervention skills.

Contact: Graduate Enrollment Services 717-948-6250 gswwww@psu.edu

ApplicationDeadlines:

Online applications are encouraged. Deadlines for international students are May 31 for the Fall semester, September 30 for the Spring semester, and February 28 for the summer session

PENNSYLVANIA

USA

Pennsylvania State University

Entomology

DegreesOffered: MS, PhD

<http://www.ento.psu.edu/Grads.html>

This graduate program educates students in all facets of professional development. Students combine classroom and independent studies with experiential learning in many aspects of professional life including classroom teaching, multimedia software development of instructional materials, videotaping scientific talks, and designing departmental retreats. Recent graduates indicate that these experiences greatly helped in preparing them for successful job interviews and often their choice of potential career positions. is participation in professional development activities. These are selected by the student from course preparation/delivery, experience in insect identification clinics, experience in museum collection, preparation of multimedia educational materials, and entrepreneurial activities. Students are able to specialize in the research program areas of insect-plant interactions, environmental and developmental regulation of genes, artificial intelligence and modeling, population biology, ecology and biodiversity, integrated pest management, and environmental quality and application technology. Additional specialization is available to students performing research with insects in the intercollege degree programs in genetics, ecology, and plant physiology.

Contact: Graduate Enrollment Services 814-865-1795 gswww@psu.edu

ApplicationDeadlines:

Pre-applications to the Biology Department are encouraged to notify faculty of applicant's interest. For full consideration for financial support, deadline is January 31. Applicants with strong academic records are encouraged to apply by December 31 to be considered for enhanced financial support. Applications are accepted throughout the year.

Temple University

Department of Psychology

DegreesOffered: PhD

<http://www.temple.edu/psychology/>

Training is directed toward excellence in scholarship, research, teaching, and practical applications. There are several Ph.D Areas of Specialization (Behavioral Analysis, Clinical, Cognition, Developmental, Neuroscience, Social) and Emphasis (Developmental Psychopathology). A student is ultimately accepted into an Area or Specialization.

Contact: Graduate Program Administrator 215-204-7667 weisberg@temple.edu

ApplicationDeadlines:

Deadline for all applicants is December 15.

PENNSYLVANIA

USA

Temple University

Biology Department

DegreesOffered: MS, PhD

<http://www.temple.edu/biology/index.htm>

The Biology Department offers full-time graduate programs leading to master's (Ms) and doctoral (Ph.D.) degrees. It is a research-based program with all candidates required to write a thesis based on original research. The fields of inquiry include molecular biology, genetics, biochemistry, virology, cell biology, neurobiology and ecology. For information about research by individual faculty please click on Research. Currently we have approximately 30 graduate students enrolled in the program.

Contact: Richard Waring

215-204-8877

richard.waring@temple.edu

ApplicationDeadlines:

Deadline for applicants wishing to be considered for University Fellowships for the fall term is February 1. Deadline for general fall admission is April 15, and November 15 for the spring.

Temple University

Anthropology

DegreesOffered: PhD

<http://www.temple.edu/anthro/>

The program focuses on theoretical and geographical cultural interests of a faculty distributed over the four fields of cultural and biological anthropology, linguistics, and archaeology with special emphasis on: the anthropology of visual communication, archaeology, biological anthropology, gender, history of anthropology, political economy, sociolinguistics, medical and urban anthropology.

Contact: Dr. Judith Goode

215-204-7773

judith.goode@temple.edu

ApplicationDeadlines:

Deadline is January 15.

University of Pennsylvania

Ecology, Evolution and Biodiversity

DegreesOffered: PhD

<http://www.bio.upenn.edu/programs/graduate/concentrations/>

This program stresses early development of research skills, including hypothesis testing, experimental design and quantitative analysis. An intense and lively interaction among students and the faculty, generated by several continuing seminar programs and a weekly journal club, encourages discussion of ideas and their expression in the current literature. Research strengths span physiological, population and community ecology (including microbial ecology and nutrient cycling), adaptation, ethology, systematics, biogeography and evolution.

Contact: Colleen Gasiorowski, Graduate Group
Coordinator

215-898-6786

bio-graduate@sas.upenn.edu

ApplicationDeadlines:

Deadline for all applications is December 15.

PENNSYLVANIA

USA

University of Pennsylvania

Psychology

DegreesOffered: PhD

<http://www.psych.upenn.edu/graduate.php>

The program emphasizes scholarship and research accomplishment; during the first-year students take courses that introduce various areas of psychology and concurrently experience a focused research experience. Rigorous involvement in research continues throughout the graduate program, and is supplemented by participation in seminars, teaching, and general intellectual discussions.

Contact: Claire Ingulli , Program Coordinator 215-898-4712 cingulli@psych.upenn.edu

ApplicationDeadlines:

Deadline for all applications is December 15.

University of Pennsylvania

Anthropology

DegreesOffered: MS, PhD

<http://www.sas.upenn.edu/anthro/grad.html>

This program promotes high quality study across all four fields: Archaeology, Cultural, Linguistic, and Physical. Special programs offer an abundance of opportunity for field work and for interdisciplinary work with other departments. The department is also deeply involved in community service work through the Penn-West Philadelphia Partnership. The core courses for the Masters (MSc) and PhD programs provide an in-depth introduction to Anthropology as a whole. Because of the broad education offered, graduates and advanced students of the program would be qualified to teach in areas beyond their own specialty, resulting in multiple teaching opportunities. The program is ranked 6th nationally.

Contact: Graduate Division, School of Arts and Sciences (215) 898-5720 gdasadmis@sas.upenn.edu

ApplicationDeadlines:

Deadline for competing for fellowships is December 15. Applications are accepted until July 15 for the fall, but most admissions decisions are made prior to that.

PENNSYLVANIA

USA

University of Pennsylvania

Department of Biology

DegreesOffered: PhD

<http://www.bio.upenn.edu/programs/graduate/>

The Department of Biology offers a Ph.D. in the following areas: Cell and Developmental Biology, Neurobiology and Physiology, Plant and Microbial Biology, and Ecology, Evolution and Biodiversity. Students in these programs may work with members of the Biology Department or with affiliated faculty in other departments in the School of Arts and Sciences or the Medical School. Information about each Graduate Program and the Research Interests of the faculty is available at this web site, or may be obtained in the form of a brochure by writing to the office of Biology Graduate Group Coordinator. All students admitted to our program receive financial support from a teaching fellowship, research fellowship, or a training grant.

Contact: Biology Graduate Group Coordinator 215.898.6786 bio-graduate@sas.upenn.edu

ApplicationDeadlines:

Villanova University

Psychology

DegreesOffered: MS

<http://www.psychology.villanova.edu/graduate/>

The program enjoys a strong national reputation and the two-year curriculum is designed to provide excellent training in research skills. Research specializations among faculty in the department are provided in animal learning, Developmental, Physiological, and Social Psychology.

Contact: Graduate Studies (610) 519-7090 gradinformation@villanova.edu

ApplicationDeadlines:

Deadline for the fall is August 1, for spring is December 1, and for the summer is May 1. Submit application by March 15 for priority consideration.

PENNSYLVANIA

USA

Villanova University

Department of Psychology

DegreesOffered: MS

<http://www.psychology.villanova.edu/graduate/>

This M.S. degree program is particularly well suited to provide a strong foundation for individuals seeking entry into Ph.D. programs in most subfields of Psychology. In addition, the program services the needs of students unsure of their future professional goals, of individuals wanting a more gradual transition between undergraduate and Ph.D. level work, and for those seeking a terminal Master's degree. While the program is not specifically designed to provide terminal training for mental health professionals, some of our graduates continue on to Ph.D. programs in clinical or counseling Psychology. Others accept positions in the private sector as science writers, lab technicians, data analysts, marketing researchers, etc. The program enjoys a strong national reputation, thereby contributing to the success which a large proportion of our graduates have in gaining admission to some of the top Ph. D. programs in Psychology (e.g., Brown, Columbia, Cornell, UC-Berkeley, UC-San Diego, U. Colorado, Johns Hopkins, Michigan State, NYU, Penn State, U. of Penn, Rochester, U. Wisconsin).

Contact: Admissions Committee (610) 519-4720 psychologyinformation@villanova.edu

ApplicationDeadlines:

Villanova University

Biology

DegreesOffered: MA, MS

<http://biology.villanova.edu/graduate/graduate.html>

This is a challenging program that offers opportunities for study and research at all levels of biological complexity from laboratory-based molecular investigations to field-based studies of organisms and their environments, both in the U.S. and abroad. The program will enhance your quantitative, analytical, and written and oral communication skills. The M.S. requires the completion of a thesis while the M.A. culminates in a comprehensive exam.

Contact: Graduate Studies (610) 519-7090 gradinformation@villanova.edu

ApplicationDeadlines:

Deadline for the fall is August 1, for spring is December 1, and for the summer is May 1. Submit application by March 15 for priority consideration.

RHODE ISLAND

USA

Brown University

Department of Ecology and Evolutionary Biology

DegreesOffered: MS, PhD

<http://gradschool.brown.edu/program.php?id=1110482516>

Brown's Department of Ecology and Evolutionary Biology (EEB) is a closely knit group of fourteen faculty and approximately twenty graduate students engaged in research and coursework that spans the fields of anatomy, behavior, ecology, evolution, genetics, and genomics utilizing a range of organisms from microbes to dinosaurs. Before enrolling, students typically identify one or two faculty with whom they want to study. Independent research begins early in the program, which is designed to prepare students for careers in research and higher education. Each student develops a program of preparation based on close mentoring by a thesis committee. Until thesis writing begins, students participate in the EEB graduate seminar taught by a pair of faculty members who bring different perspectives to classical and current literature in ecology and evolutionary biology. Weekly colloquia give students contact with visiting scientists from a wide variety of disciplines.

Contact: (401) 863-2100 Carol_Casper@Brown.EDU

ApplicationDeadlines:

Brown University

Department of Psychology

DegreesOffered: PhD

<http://gradschool.brown.edu/program.php?id=1110482549>

The graduate program in psychology is designed to educate and train scientists and scholars who will make contributions to society through their research and teaching. Ph.D.s in psychology from Brown are prepared for scientific careers in experimental psychology in both academic and applied settings. Applicants should have a good general background in psychology, including statistics and laboratory experience; familiarity with other sciences; mathematics; and some exposure to research (such as an undergraduate research project). Degrees are currently offered with specializations in behavioral neuroscience, sensation and perception, cognitive processes, and social psychology. Because of the emphasis on close contact with faculty members in research, applicants are encouraged to identify the area of specialization and potential faculty advisors in the personal statement. The department does not offer a terminal master's degree.

Contact: (401) 863-2727 Russell_Church@Brown.edu

ApplicationDeadlines:

RHODE ISLAND

USA

University of Rhode Island

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.uri.edu/artsci/bio/>

The Department of Biological Sciences at the University of Rhode Island offers courses and programs for graduate study in Ecology and Evolutionary Biology, Physiology, and Molecular, Cell, and Developmental Biology. Both of the graduate degrees offered -- the Master of Science in Biological Sciences and the Doctor of Philosophy in Biological Sciences -- require completion of thesis research. A non-thesis option of the M.S. is now available for preprofessional students.

Contact: Steven Irvine (401) 874-9204 steven.irvine@uri.edu

Marine Facilities

ApplicationDeadlines:

SOUTH CAROLINA

USA

Clemson University

Department of Forestry and Natural Resources

DegreesOffered: MS, PhD

<http://www.clemson.edu/forestres/prospects.html>

See web site.

Contact: Patricia A. Layton

playton@clemson.edu

ApplicationDeadlines:

Clemson University

Department of Entomology, Soils, & Plant Sciences

DegreesOffered: MS, PhD

<http://entweb.clemson.edu/about/degrees/index.htm>

The entomology graduate program offers both the MS and PhD degrees, both of which are research degrees requiring the student to conduct research leading to the writing of a thesis (MS) or dissertation (PhD).

If a student is interested in a non-thesis masters degree, one is offered in Plant and Environmental Sciences with an emphasis in entomology, Other emphasis areas are: agronomy, botany, horticulture, plant pathology, plant physiology, or soils.

Contact: Jo Culin

864-656-3111

jculin@clemson.edu

ApplicationDeadlines:

Clemson University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.clemson.edu/biosci/graduate/index.htm#requirements>

The Department of Biological Sciences offers the MS and PhD degrees in Zoology (Biological Sciences) and the MS and PhD in Microbiology. There is also a 5-year BS/MS program in Bioengineering. In addition, faculty members in Biological Sciences also participate in the interdepartmental MS and PhD programs in Plant and Environmental Sciences and Environmental Toxicology.

Contact: Margaret Ptacek

mptacek@clemson.edu

ApplicationDeadlines:

SOUTH CAROLINA

USA

Clemson University

Archbold Tropical Research Center

Degrees Offered: MS PhD

http://www.clemson.edu/coastalrec/atrec_index.htm

A joint program of Clemson University and an International Research Consortium located in the Commonwealth of Dominica. It offers an exceptional opportunity to study tropical ecology, entomology, botany, marine biology, biodiversity, environmental conservation, sustainable agriculture and forestry, climatology, cultural anthropology and emerging economic development.

Contact: nancy@papillote.dm

Application Deadlines:

University of South Carolina

Department of Biological Sciences

Degrees Offered: MS, PhD

<http://www.biol.sc.edu/gradstudies/>

We offer both research and non-research based degrees. Our primary goal is towards research training; students pursuing a research based path earn either Ph.D. or M.S. degrees. Students achieving Ph.D. degrees typically continue on as postdoctoral fellows on a career track directed towards academic research and teaching or industrial research. Students achieving M.S. degrees typically continue on as Ph.D. students here or elsewhere, or find appropriate positions in education, business, or government. We offer three non-research Professional Masters degrees. The Professional Masters Degrees in Bioinformatics and in Biotechnology are both aimed at training students to work with businesses in the scientific contexts of the disciplines. The Professional Masters degree in Teaching (the MAT) is aimed at developing high quality science teachers in secondary education. A research experience is a critical component of all three Professional degrees.

Contact: Richard Vogt

(803)777-8101

vogt@biol.sc.edu

Application Deadlines:

TENNESSEE

USA

University of Memphis**Department of Psychology****DegreesOffered:** MS, PhD<http://www.psyc.memphis.edu/prospective.html>**Behavioral Neuroscience**

The common goal of all faculty affiliated with this area is to advance understanding of the biological basis of behavior and cognition. In pursuit of this objective we use a wide variety of methods including, animal lesion models, experimental analysis of animal behavior, in vivo and in vitro neurochemical and electrophysiological measures, and psychopharmacological interventions. Select topics of interest include the neurophysiology of drug and alcohol addiction, neural substrates of spatial and non-spatial memory, executive function and motivation. Students accepted into the Experimental Psychology Program are trained in Behavioral Neuroscience. The primary goal of our training program is to prepare graduate students to function in a research-oriented academic environment. Students must complete courses in neuropsychology and psychopharmacology, along with those required by the Experimental Psychology Program. Furthermore it is expected that all students will begin assisting in ongoing research project during the first year while developing individual research projects in conjunction with their mentor.

Contact: Guy Mittleman, Director (901) 678-4213 g.mittleman@mail.psyc.memphis.edu

ApplicationDeadlines:

TENNESSEE

USA

University of Memphis

Department of Biology

DegreesOffered: MS, PhD

<http://biology.memphis.edu/gradhome.htm>

The Biology Department at the University of Memphis has 30 faculty with research interests that integrate molecular, cellular, and developmental biology with ecology, evolution, and behavior. The department includes two endowed Chairs of Excellence, in molecular biology and in functional genomics, and features facilities well-equipped for contemporary research in laboratory and field biology. The Meeman Biological Field Station, Ecological Research Center, Integrated Microscopy Center, and Feinstone Center for Genomic Research provide for modern and competitive educational and research opportunities for over 600 undergraduate majors and more than 50 M.S. and Ph.D. students.

Contact: Stephan J. Schoech (901) 678-2327 sschoech@memphis.edu

The Department currently funds approximately 40 graduate students with Graduate Teaching Assistantships (GTA). The department normally funds a PhD student for at least five years and an MS student for three years, though support hinges on the student fulfilling satisfactorily their duties. Teaching assistantships for graduate students are competitive with those offered by our peer institutions and other schools in the region. MS students are supported for a nine-month period whereas PhD students are covered for 11 months.

In addition to Teaching Assistantships that require a student teach undergraduate laboratories, there are several Fellowships available from the within University for incoming students (<http://academics.memphis.edu/gradschool/incomingawards.html>). There are also University Fellowships available for students that are currently enrolled in our program (see <http://academics.memphis.edu/gradschool/currentawards.html>).

Additionally, we may be able to provide a fellowship to a student from traditionally underrepresented groups. We also strongly encourage and assist students to apply for fellowships at the State or National level from agencies that are appropriate for a student's discipline. For example, there are Graduate Research Fellowships available from the National Science Foundation (NSF): students apply for these directly (see <http://www.nsf.gov/dir/index.jsp?org=EHR>).

ApplicationDeadlines:

University of Tennessee

Department of Ecology & Evolutionary Biology

DegreesOffered: MS, PhD

<http://eeb.bio.utk.edu/graduate.asp>

The Graduate Program in Ecology and Evolutionary Biology at The University of Tennessee, Knoxville is administered through the Department of Ecology and Evolutionary Biology (EEB). Members of the graduate faculty are drawn from EEB and other departments at the University of Tennessee, Knoxville, plus institutions such as Oak Ridge National Laboratory, the Biological Resources Division of the U.S. Geological Service, and the Tennessee Valley Authority.

Contact: Dr. Gary McCracken (865) 974-3065 gmccrack@utk.edu

ApplicationDeadlines:

TENNESSEE

USA

Vanderbilt University**Department of Psychology and Human Development****DegreesOffered:** PhD<http://peabody.vanderbilt.edu/psychology/phd.htm>

Research and graduate training in the Department of Psychology and Human Development are focused on understanding basic psychological processes and applying these understandings to family, school, clinical, and other contexts that support the development and functioning of children, adolescents and adults.

The graduate major in Psychological Sciences, offered jointly with the Department of Psychology in the College of Arts and Science, focuses on psychological theory and the development of original empirical research. Students are admitted to work toward the Ph.D. degree in Clinical Science, Cognitive Science, Developmental Science, and/or Quantative Methods. The Department of Psychology and Human Development also offers an M.Ed. degree in Child Studies, which is focused on preparing students for any of several careers focused on child development and the contexts that support development.

Contact: Professor David Cole, Director of
Graduate Studies

615-343-8712

david.cole@vanderbilt.edu

ApplicationDeadlines:

TEXAS

USA

Rice University

Department of Ecology and Evolutionary Biology

DegreesOffered: MA, MS, PhD

<http://eeb.rice.edu/>

The Department of Ecology and Evolutionary Biology offers graduate programs leading to the M.A. and Ph.D. degrees. Course offerings include classroom lectures, discussion, seminars, laboratory tutorials, and field study. Our program is designed to foster close working relationships between students and faculty, a member of which serves as each student's research advisor. Graduate study is tailored to the individual student. Research is strongly emphasized, but programs include both formal class work and laboratory study. Graduate students are also encouraged to attend courses offered by other academic departments at Rice and by Baylor College of Medicine, the University of Texas Health Science Center, and the University of Houston. Recent graduates are working in academia, government, and the private sector.

Contact: Department of EEB 713.348.4919 eeb@rice.edu

Microsatellite DNA Laboratory Subtropical Native Habitats

ApplicationDeadlines:

Preferred by February 1st For Fall Admission; Information and Link to Online Application can be found by visiting: http://cohesion.rice.edu/naturalsciences/eeb/graduate.cfm?doc_id=4022

Texas A&M University

Department of Biology

DegreesOffered: MS, PhD

<http://www.bio.tamu.edu>

The Department of Biology grants Ph.D. and M.S. degrees in four areas of the basic life sciences: Biology (Molecular and Cell Biology), Botany, Microbiology and Zoology. These degrees offer outstanding research opportunities in virology, developmental biology, cellular and molecular biology, genetics, physiology, ecology, and evolutionary and behavioral biology. The diverse interests of the Biology faculty foster interdisciplinary research and provide graduate students with a broad perspective on modern biological problems.

Faculty research by subject area (including behavior group): <http://www.bio.tamu.edu/FACMENU/Subjects.htm>

Contact: Graduate Advising Office (979) 845-7755 graduate@bio.tamu.edu

ApplicationDeadlines:

Accepted year round; Online Application Materials Request Form: <http://www.bio.tamu.edu/GRADINFO/appmaterials.htm>

TEXAS

USA

Texas A&M University

Department of Wildlife and Fisheries Sciences

DegreesOffered: MS, PhD; online degrees including MAg, MFSC, MNRD, MWSC<http://wfscnet.tamu.edu/><http://wfscnet.tamu.edu/academics/grad.index.htm>

Ethology Lab is under Dr. Jane Packard

Contact: Wildlife Fisheries Science (979) 845-5777

laboratory of ethology; bioacoustical; telemetry and visual censoring/recording

ApplicationDeadlines:

International Students: For Fall—March 1; For Spring—August 1; For Summer—November 1; Domestic Students: For Fall—June 1; For Spring—October 1; For Summer—March 1

Texas A&M University

College of Veterinary Medicine Graduate Studies

DegreesOffered: MS, PhD, Veterinary Residency Program in Animal Behavior for Board Certification in this Specialty Area<http://www.cvm.tamu.edu/vsam><http://www.cvm.tamu.edu/resgrad/grad/index.shtml>

Animal Behavior Programs under Drs. Bonnie V. Beaver and Lore L. Haug

Contact: Dr. Theresa Fossum (979) 845-9053 tfossum@cvm.tamu.edu**ApplicationDeadlines:**

None listed; General Graduate Programs Info Request: gradprograms@cvm.tamu.edu

Texas A&M University

Animal Science

DegreesOffered: Mag, MS, PhD<http://animalscience.tamu.edu/ansc/top.html>

The Department of Animal Science offers dynamic and challenging undergraduate and graduate programs that cover a broad variety of fields including animal behavior, animal biotechnology, beef cattle, dairy science, equine science, food science and technology, human nutrition, meat science, physiology of reproduction, sheep and goats, and swine. In the 2003-2004 school year, there were more than 1000 undergraduate students pursuing a degree in animal science at Texas A&M University preparing for a career in animal science.

Contact: Dr. Ted Friend 979-845-5214 t-friend@tamu.edu**ApplicationDeadlines:**Accepted year round; Online Application and Information: <http://www.tamu.edu/admissions/Grad/index.html>

TEXAS

USA

Texas Tech University

Department of Animal and Food Science

DegreesOffered: MaG, MS, PhD

<http://www.afs.ttu.edu/>

The department of Animal and Food Sciences offers both undergraduate and graduate degrees in both Animal Science and Food Technology.

Contact: Department of Animal and Food
Sciences

(806) 742-2805

asft.grad@ttu.edu

ApplicationDeadlines:

Not listed; Online Application and Information can be found at: <http://www.depts.ttu.edu/gradschool/>

Texas Tech University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.biol.ttu.edu/default.aspx>

See web site.

Contact: Randall Jeter

806-742-2710

randall.jeter@ttu.edu

ApplicationDeadlines:

TEXAS

USA

University of Texas - Arlington

Department of Psychology

DegreesOffered: MS, PhD

<http://www.uta.edu/psychology/>

The objective of graduate work in psychology is to educate the student in the methods and basic content of the discipline and to provide an apprenticeship in the execution of creative research.

Graduate work in the master's program and doctoral program will be offered in psychology. Students' individual programs of work may be arranged to give emphasis to a particular aspect of the general program.

Within this framework, options include, but are not limited to, Animal Behavior and Animal Learning, Cognition and Perception, Developmental, Health, Industrial/Organizational, Behavioral Neuroscience, and Social-Personality Psychology. Students specializing in Cognition and Perception may include, in addition to their area C courses (described below), advanced topical seminars in their area of specialty. In addition to core courses (see area A) for those interested in Behavioral Neuroscience, seminars offered in the recent past include Aggression and Nociception. For those seeking expertise in the Social-Personality area, in addition to the area B courses, seminars have included topics such as Social Influence and Empathetic Accuracy and Intersubjectivity.

Contact: Dr. James Kopp (817) 272-2281 kopp@uta.edu

ApplicationDeadlines:

Since the Department of Psychology believes that graduate training should involve the student continuously in the research process; students are encouraged to make personal contacts by letter or e-mail with faculty members of their choice. A description of the faculty and their areas of research may be obtained by consulting the department Web page at www.uta.edu/psychology or by writing to or calling the department at 817.272.2281. Every effort will be made to assign the incoming student to a faculty member of choice, but priority is given to those who have discussed their placement in advance.

Students who wish to be considered for assistantships should have their applications and departmental forms sent to The University of Texas at Arlington by February 1 for the fall Semester and September 1 for the spring Semester. Students who do not desire financial aid may apply at any time up to the deadline listed by the Graduate School.

TEXAS

USA

University of Texas - Arlington

Department of Biology

Degrees Offered: MS, PhD

<http://www.uta.edu/biology/>

We offer degree programs leading to the Master of Science in Biology and the Doctor of Philosophy in Quantitative Biology. Field and laboratory research opportunities working with internationally renowned faculty are available in virtually every area of biology including animal behavior, cell biology, ecology, evolution, genetics, molecular and microbiology, physiology, and systematics.

Behavioral Ecology Research under Dr. Daniel R. Formanowicz—Homepage:
<http://www.uta.edu/biology/formanowicz/index2.html>

Contact: Dr. Dan Formanowicz (817) 272-2422 formanowicz@uta.edu

Application Deadlines:

International Students: For Fall—April 7; For Spring—September 8; Domestic Students: For Fall—June 9; For Spring—October 20. Apply Online: <http://grad.uta.edu/leftMenu/pages/admissions.asp>

Biology Department Admissions Criteria: http://www.uta.edu/biology/programs/graduate/admissions_criteria.htm

UTAH

USA

Utah State University

Department of Forest, Range, and Wildlife Sciences

DegreesOffered: MS, PhD in Wildlife Biology

http://www.cnr.usu.edu/default.asp?category=departments§ion=frws&content=graduate_opp

The mission of the Department of Forest, Range, and Wildlife Sciences is to contribute to the understanding, restoration, and sustainable management of terrestrial ecosystems. As researchers, we bring scientific excellence, an interdisciplinary approach, and a collaborative spirit to natural resource management applications. As educators, we mentor students, synthesizing knowledge and research into an integrated curriculum. As extension specialists we help people understand and use research-based knowledge to improve their resources, communities, and lives.

Contact: Johan du Toit

435 797 2837

lbarr@cc.usu.edu

ApplicationDeadlines:

Applications for graduate programs are accepted year-round. However, your chances for acceptance are best if you apply during the period October- January of each academic year. Faculty often accept students into their programs as late as April or May, but typically by that time period few opportunities remain and it is unlikely you will be accepted for the upcoming year. Some deadlines do exist, especially if you wish to compete for the Quinney Ph.D. Fellows, a USU Presidential Fellowship, or a USU Vice President for Research Fellowship. All of these Fellowships are awarded by a College of Natural Resources committee that selects the best candidates from the pool of applicants. The deadline for the upcoming Fall 2005-06 academic year is 30 January 2005. This means you must have a complete application on file at the Graduate School, and have a sponsoring Faculty member from FRWS who will put your name forward to the selection committee.

Utah State University

Department of Biology

DegreesOffered: MS, PhD

<http://www.biology.usu.edu/graduate/application/generalinfo.htm>

Areas of research include host-plant/pest and pest/pest interactions (Alston); evolution and toxicology of predator/prey interactions (Brodie); pollination and pollinator ecology (Cane, Kemp, Tepedino); population biology and community ecology in insect/insect and insect/plant interactions (Evans); mathematical analysis and modeling of ecosystems and animals movements (Haefner); insect behavior, ecology and evolution (Messina); avian behavioral and physiological ecology (Sullivan)

Contact: Ms. Harrison, Coordinator of Graduate Studies

nancykay@biology.usu.edu

ApplicationDeadlines:

The Department of Biology considers applications on a year round basis. Applications received for fall semester by 15 February will be considered for all financial awards (fellowships, scholarship, assistantships, and tuition waivers/remissions) available.

Applicants are encouraged to submit a preapplication directly to the Department of Biology. Based on your preapplication, the Department will quickly inform you of the probability of your acceptance into our graduate program. We will also notify the faculty member(s) you designate on the preapplication and put them in contact with you. You will then be encouraged to apply officially through the School of Graduate Studies.

VERMONT

USA

University of Vermont

Department of Biology

DegreesOffered: MS, PhD, MST

<http://www.uvm.edu/~biology/>

Faculty research interests fall into two broad groupings: A) developmental biology/cell and molecular biology/physiology; and B) ecology/evolution/natural history. Some ongoing research projects include: genetics of chemoreception and chemotactic behavior of protozoa; taxonomy and natural history of insects, particularly Rhysodid beetles; parasite-host ecology; ecology and evolution of plant-animal interactions; population and community ecology of lizards; behavioral ecology; population genetics and molecular systematics in taxa such as Himalayan rodents, Polynesian black flies, and neotropical mosquitoes.

Contact: Department of Biology

(802) 656-2922

Biology@uvm.edu

ApplicationDeadlines:

Application deadlines: April 1 is the application deadline for fall enrollment in all programs, except those listed below. The deadline for all students seeking fellowships or assistantships is March 1, or the application deadline, whichever is earlier.

University of Vermont

Rubenstein School of Environmental and Natural Resources

DegreesOffered: MS, PhD in Natural Resources

<http://www.uvm.edu/envnr/?Page=welcome/gradpages/fws.html>

Wildlife Science has a long history at the University of Vermont. Current faculty are engaged in research or management projects that center around terrestrial ecosystems: the processes that drive these systems, their management, and their conservation. Faculty expertise spans a diversity of disciplines and includes interdisciplinary research. Thus topics students work on vary broadly including population dynamics, sustainable forest ecosystem management, wildlife behavior, wildlife-habitat relationships, and landscape ecology. Some students, however, might pursue research projects on wildlife species that occur in wetlands or other aquatic environments; there is also faculty expertise in these disciplines and involvement with faculty in other concentrations is likely (e.g., Aquatic Ecology and Watershed Science). As an example, students are currently involved in the following topics through thesis or project work:

- Effects of agricultural management on wildlife populations
- Trophic level interactions
- Effects of land use change on wildlife populations
- Avian foraging ecology
- Effects of forest structure on carnivore populations
- Habitat associations of wetland-dependent bird communities
- Predicting species occurrences through remote sensing
- Predicting biodiversity through landscape analysis
- Genetics of black bear populations
- Habitat use by Indiana bats

Contact: Department

802-656-4280

envnr@uvm.edu

ApplicationDeadlines:

VIRGINIA

USA

College of William and Mary

Department of Biology

DegreesOffered: MS

<http://www.wm.edu/biology/graduate.php>

The Biology graduate program generates a close-knit academic community of productive students dedicated to performing high quality, publishable research. We produce graduates with both specialized training in their chosen sub-disciplines as well as communication and teaching skills to effectively function within a broad-based scientific community. Most students completing their Master's degree pursue either a Ph.D. or M.D. degree; however, our program also provides the training required to enter technical positions in industry and government. The program is organized to provide concentrators with a sound introduction to the principles of biology and to develop an appreciation for the diversity and complexity of living things. The Department attempts to provide concentrators both breadth and depth of training as well as a variety of approaches to the study of life, while allowing maximum flexibility in the development of programs consistent with the interests and needs of individual students. The Concentration requirements have been designed with these objectives in mind.

The major emphasis of our program is the completion of a substantial research thesis. All students are also required to take our core course, which introduces students to the faculty and their research, and teaches important critical analysis, hypothesis generation, biostatistical, ethical, and grant writing skills.

Contact: Dr. Swaddle

(757) 221-2231

jpswad@wm.edu

ApplicationDeadlines:

VIRGINIA

USA

James Madison University

Department of Biology

DegreesOffered: MS

<http://www.jmu.edu/biology/biograd.shtml>**Research Concentration**

The thesis/research track is for students who wish to continue the study of biology as a scholarly pursuit and who later continue work toward the Ph.D. or work for industry or government.

The objectives of the thesis/research track are two-fold. First, we aim to enrich the student's subject knowledge and give the student a rigorous experience in research and thesis-writing. Second, all of our thesis track students can acquire training and experience in teaching. Training in teaching will be provided through coursework, offered in the biology department, and the supervised teaching of biology laboratories. Thus, students in the thesis track not only gain research experience, they can also learn to be effective teachers and communicators.

Currently, we have research strengths in:

Cell Biology and Genetics, Comparative and Functional Morphology, Developmental Biology, Ecology, Evolution, Behavior, and Systematics, Environmental and Pathogenic Microbiology, Neurobiology

Research Concentration (Thesis)

The thesis/research track is for students who wish to continue the study of biology as a scholarly pursuit and who later continue work toward the Ph.D. or work for industry or government.

The objectives of the thesis/research track are two-fold. First, we aim to enrich the student's subject knowledge and give the student a rigorous experience in research and thesis-writing. Second, all of our thesis track students can acquire training and experience in teaching. Training in teaching will be provided through coursework, offered in the biology department, and the supervised teaching of biology laboratories. Thus, students in the thesis track not only gain research experience, they can also learn to be effective teachers and communicators.

Currently, we have research strengths in:

Cell Biology and Genetics, Comparative and Functional Morphology, Developmental Biology, Ecology, Evolution, Behavior, and Systematics,

Environmental and Pathogenic Microbiology, Neurobiology

Teaching Concentration (Non-thesis)

The non-thesis/teaching track is for students who wish to teach, particularly in two year Community Colleges. The program has two foci: subject training and teacher training. Currently, subject training is concentrated in areas much in demand by Community Colleges, i.e., anatomy and physiology, microbiology, and general biology. Students will be trained in teaching through courses, all taught within the biology department, and through supervised teaching of anatomy and physiology laboratories and lectures. In addition, each student will prepare a professional teaching portfolio.

Contact: Sheila Santee

540-568-6225

santeesa@jmu.edu

ApplicationDeadlines:

VIRGINIA

USA

University of Virginia

Department of Biology

DegreesOffered: MA, MS, PhD

http://www.virginia.edu/biology/New_Bio_Home_files/Graduate/graduate_welcome.html

Welcome to the web site for Graduate Study in the Department of Biology at the University of Virginia! The Department of Biology offers both Ph.D. and Masters level graduate training in a variety of areas of specialization. These include Molecular Genetics, Cell & Developmental Biology; Ecology & Evolution; and Neurobiology & Behavior. In many cases, our research overlaps these categories. For example, Plant Biology can be found in both the Molecular Genetics, Cell & Developmental Biology and in the Ecology & Evolution subject areas.

Contact: Dr. Ignacio Provencio

ip7m@virginia.edu

ApplicationDeadlines:

Virginia Commonwealth University

Department of Biology

DegreesOffered: MS, PhD

<http://www.has.vcu.edu/bio/graduate/index.html>

The Department of Biology offers programs leading to both master's and doctoral degrees. Students may specialize within and between many areas of biology and other life sciences departments.

Contact: John F. Pagels

(804) 828-0069

jfpagels@vcu.edu

ApplicationDeadlines:

1 March

VIRGINIA

USA

Virginia Polytechnic Institute and State University

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.biol.vt.edu/graduate/index.htm>

The Department of Biological Sciences offers research and training leading to the M.S. and Ph.D. degree. Graduate students craft programs of study that include a cutting edge research project, courses that support their particular interests, and at least one semester of a teaching experience in consultation with their research sponsor and a faculty advisory committee. Opportunities for research span the biological disciplines from molecular biology to ecosystem ecology, and include computational, experimental, theoretical, and applied approaches. Our faculty and staff encourage graduate students to reach their full creative and scholarly potential. We take a holistic approach to graduate education, considering not just research skills, but also the ability to communicate effectively with their professional colleagues and undergraduate students. In addition to their research program graduate students may elect to earn a Graduate certificate in "The Future Professoriate" which includes mentored classroom teaching. In short, our program fosters individually tailored programs that lead to successful careers in research and education. We encourage prospective students to explore the research programs of potential sponsors. Faculty members have web pages that present their research activities. Contacting individual faculty and their students prior to formal application provides an opportunity to explore mutual interests.

Contact: Dr. Robin Andrews

randrews@vt.edu

ApplicationDeadlines:

Virginia Polytechnic Institute and State University

Department of Animal and Poultry Sciences

DegreesOffered: MS PhD

<http://www.apsc.vt.edu/academics/graduate/index.cfm>

The Department of Animal and Poultry Sciences offers graduate studies leading to the M.S. and the Ph.D. in Animal and Poultry Sciences. Students may specialize in the areas of animal behavior, genetics, management, molecular biology, nutrition, physiology, and product quality assurance. M.S. students may also specialize in the area of livestock or poultry management.

Contact: D. R. Notter

540/231-5135

drnotter@vt.edu

ApplicationDeadlines:

WASHINGTON

USA

University of Washington

Department of Psychology

DegreesOffered: PhD

<http://web.psych.washington.edu/graduate/>

Graduate students in Psychology at the University of Washington are offered a flexible program, designed to aid them in preparing for careers in research or academics. Students are matched with faculty advisors who assist them in selecting coursework and guiding research.

Psychology is a dynamic field. With a focus on the understanding of behavior, whether by humans or animals, our field is poised at the juncture between biological and social forces. New discoveries are constantly informing our work and changing the way we go about our business, whether in terms of theory, application, or methods. If you are curious, creative, and energetic, there is no better time for you to be pursuing advanced study in psychology. We welcome your interest.

Contact:

psygrad@u.washington.edu.

ApplicationDeadlines:

Walla Walla College

Department of Biological Sciences

DegreesOffered: MS

<http://www.wwc.edu/academics/departments/biology/Graduate%20Program/Graduate%20Program.htm>

The Department of Biological Sciences offers a Masters of Science degree in biology for students who wish to prepare for careers in research and teaching or continue their education through a Ph.D., subsequently entering careers in research or college and university teaching.

The main emphasis during this two-year program is the development and completion of a research thesis under the supervision of a student's major professor. The program of course work and research developed for each graduate student takes into account the academic background, present interests, and future goals of the student.

Contact: Joan Redd, Graduate Program Director 1-800-541-8900 reddjo@wwc.edu

ApplicationDeadlines:

Washington State University

School of Biological Sciences

DegreesOffered: MS, PhD

<http://www.sci.wsu.edu/sbs/gradstudies.php3?pageID=4>

The School of Biological Sciences offers MS and Ph.D. degree programs in Botany and Zoology with a non-thesis MS option in Biology. We provide research specialties in ecology and evolution, physiology, systematics, and molecular biology for plant and animal systems.

Contact: School of Biological Sciences 509-335-3553 sbs@wsu.edu

ApplicationDeadlines:

WASHINGTON

USA

Washington State University

Dept of Vet. and Comparative Anatomy, Pharm., and Physiology

DegreesOffered: PhD

<http://www.vetmed.wsu.edu/depts-vcapp/>

Elective courses in large- and small-animal applied anatomy, exotic and avian anatomy, animal behavior for the practicing vet, and skeletal preparation are also provided. Problem-based learning incorporating computer-assisted instruction is used extensively. In addition, computer programs on cardiovascular physiology and skeletal muscle control have been developed by the VCAPP faculty.

Contact: Graduate Studies Committee

grad_neuro@vetmed.wsu.edu

ApplicationDeadlines:

Washington State University

Department of Animal Sciences

DegreesOffered: MS, PhD

<http://www.ansci.wsu.edu/academics/grad/grad.asp>

The Graduate Program in Animal Sciences has a long history of excellence in graduate education. Graduates from our program are employed in a wide range of careers from applied animal production to teaching and research in molecular mechanisms in humans and both domestic and wild animals. Our department offers specialization in disciplines such as molecular and quantitative genetics, ruminant and non-ruminant nutrition, and the physiology of reproduction. Graduate students develop cutting-edge knowledge and techniques in disciplines that are vital to the improvement to the quality of life for animals and humans. Funding is available for dedicated, quality students. Our alumni are placed in prestigious positions such as postdoctorals in highly regarded national laboratories or in respected research, teaching and extension programs at universities and companies.

Contact: (509) 335-5523 jaimie@wsu.edu

ApplicationDeadlines:

WEST VIRGINIA

USA

West Virginia University

Department of Psychology

DegreesOffered: PhD

<http://www.as.wvu.edu/psyc/>

Behavior Analysis

The behavior analysis graduate program exists to train students in basic research, theory, and applications of behavior principles. Through research, course work, and practica, students develop skills in the experimental analysis of animal and human behavior, as well as a strong methodological and conceptual background for developing behavioral technologies. The basic, conceptual, and applied areas are integrated in the curriculum; however a student may emphasize either basic or applied research.

Contact: Debra Swinney, Admissions Secretary

Debra.Swinney@mail.wvu.edu

ApplicationDeadlines:

West Virginia University

Department of Biology

DegreesOffered: MS, PhD

<http://www.as.wvu.edu/biology/graduate/programs.htm>

The Department of Biology offers graduate courses and research leading to the degrees of doctor of philosophy and master of science in the following areas:

- Cellular and Molecular Biology (CMB)
- Environmental and Evolutionary Biology (EEB)
- Integrative Organismal Biology (IOB)

Contact: William T. Peterjohn, Associate Chair
for Graduate Studies

bpj@wvu.edu

ApplicationDeadlines:

WISCONSIN

USA

University of Wisconsin - Madison

Department of Psychology

DegreesOffered: PhD

<http://psych.wisc.edu/gradstudies/home.html>

Our department has five areas of concentration: biological, clinical, cognitive and perceptual sciences, developmental, and social and personality. Although there is a good deal of collaboration and interaction across groups, each area of concentration has its own requirements for graduate study and students are typically admitted into one of these areas of concentration.

Contact: Lyn Abramson

608-263-4965

lyabrams@wisc.edu

ApplicationDeadlines:

University of Wisconsin - Madison

Department of Entomology

DegreesOffered: MS, PhD

<http://www.entomology.wisc.edu/>

The Goals of the Graduate Program in the Department of Entomology are to develop:

- * Core knowledge in the basic areas of entomology including suborganismal, organismal, and applied entomology.
- * Advanced knowledge about one or more areas within entomology and one or more related fields.
- * Critical thinking to enable a student to define problems, assemble facts, and apply logic.
- * Communication skills.
- * State-of-the-art research skills.
- * Enlightened perspectives on current issues in entomology, agriculture, biology, and society.

Contact:

butts@entomology.wisc.edu

ApplicationDeadlines:

University of Wisconsin - Madison

Department of Anthropology

DegreesOffered: MA, PhD

<http://www.anthropology.wisc.edu/grad-ifo/index.html>

The Department of Anthropology at the University of Wisconsin- Madison offers prospective graduate students the opportunity to pursue their academic interests either within one of three major fields of contemporary Anthropology -- Archaeology, Biological Anthropology, and Cultural Anthropology, or within the Intersectional Degree Program.

Contact:

anthro@mhub.facstaff.wisc.edu

ApplicationDeadlines:

WISCONSIN

USA

University of Wisconsin - Madison

Department of Zoology

DegreesOffered: MS, PhD

<http://www.zoology.wisc.edu/grad/Prospective.html>

See web site.

Contact: Emily Stanley

608-263-2567

ehstanley@wisc.edu

ApplicationDeadlines:

University of Wisconsin - Milwaukee

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.uwm.edu/Dept/Biology/Docs/Grad/gradindex.html>

Graduate study in Biological Sciences at the University of Wisconsin-Milwaukee is multi-disciplinary, offering a wide variety of choices for doctorate and masters degrees. Areas of research include cell and molecular biology, genetics, genomics, microbiology, immunology, physiology, neuroscience, plant cell biology, evolution, ecology, animal behavior and population biology. A major advisor may be selected in any of these areas. In addition, interdisciplinary programs also are available in conjunction with other departments and divisions within the University. We therefore welcome applicants from different disciplines such as chemistry, medical science, psychology and related fields as well as students from traditional biological backgrounds.

Contact: John A. Berges; Steven Forst414-229-3258;
414-229-6373

berges@uwm.edu; sforst@uwm.edu

ApplicationDeadlines:

WYOMING

USA

University of Wyoming

Department of Zoology and Physiology

DegreesOffered: MS, PhD

<http://uwadmnweb.uwyo.edu/Zoology/graduatestudies.asp>

The Department of Zoology and Physiology offers graduate study leading to the M.S. and Ph.D. degrees. The graduate program is designed to provide the student with broad knowledge of zoology plus the opportunity to specialize in cell biology, animal physiology, or ecology/wildlife/fisheries biology. Graduate research can be pursued in molecular biology, cellular development and aging, cell ultrastructure, cytochemistry, cytogenetics, comparative physiology, endocrinology, neurophysiology, physiological ecology, ornithology, mammalogy, herpetology, invertebrate zoology, vertebrate ecology, animal behavior, behavioral ecology, limnology, ecology of fish populations, fish physiology, fish toxicology, invertebrate population ecology, community ecology, theoretical ecology, ecological modeling, wildlife ecology, wildlife management, and assessment of the environmental impact of technological development.

Contact: Denise Manore

307-766-4208

dmanore@uwyo.edu

ApplicationDeadlines:

ALBERTA

CANADA

University of Alberta

Department of Psychology

DegreesOffered: PhD

<http://www.psych.ualberta.ca/graduate/graduate.html>

The Department of Psychology at the University of Alberta has a vigorous faculty pursuing world-class research. The program leads to degrees in :

- * Behaviour, Systems and Cognitive Neuroscience
- * Cognition
- * Comparative Cognition and Behaviour
- * Developmental Science
- * Social and Cultural Psychology

The goal of the graduate program is to train competent and independent researchers who will make significant contributions to the discipline of psychology. The program entails early and sustained involvement in research and ensures that students attain expertise in focal and related domains. Many faculty members conduct research on problems that have practical and social significance.

Recent Ph.D.s from the Department have successfully found positions in universities and colleges, branches of government, and industry. A reasonably close match between the research interests of prospective students and faculty members is essential because the program involves apprenticeship-style training.

Contact: Graduate Program Assistant (780) 492-0969 psygrad@ualberta.ca

ApplicationDeadlines:

All materials should be submitted to the Department to arrive no later than January 15 for admission for the following September. (Graduate students are not admitted in January or at other times of the year.)

ALBERTA

CANADA

University of Alberta

Department of Biological Sciences

Degrees Offered: MS, PhD

<http://www.biology.ualberta.ca/programs/graduate/>

Our department offers outstanding and well funded opportunities for graduate research and training at both the M.Sc. and Ph.D. levels. Our award-winning faculty and superb research facilities will prepare you for success as a graduate student and beyond. The Department of Biological Sciences is one of the largest and most scientifically diverse departments of its kind in Canada. We offer research-orientated, thesis-based graduate programs at both the MSc and PhD levels. Study programs are tailored individually to graduate student needs and emphasize interdisciplinary thinking.

Contact: Carolyn Behm

carolyn.behm@ualberta.ca

Environmental Biology and Ecology program, specialty large
Arctic mammals and conservation.

Application Deadlines:

Before submitting a preliminary or full application, applicants should correspond directly with academic staff in whose research laboratory they might want to study. If a supervisor(s) is particularly interested in an applicant, the application stands a greater chance of being accepted. This is particularly critical for PhD applicants.

Deadline for consideration in the first round of the Graduate Teaching Assistantship (GTA) competition for a September or January start is March 1, however we will continue to consider qualified applicants after this deadline. Applicants may apply for admission in January, however, fewer GTAs are available for a January 1 start date. For applicants from Nigeria or People's Republic of China, the deadline is February 1

Please note that offers are usually made to exceptional applicants as they apply, even before the deadlines.

Applications arriving after March 1 (or February 1 for Nigerian or P.R.China applicants) will be considered in a second round of the GTA competition, pending the availability of GTAs.

Applicants who do not require funding (GTA) may apply at any time. See funding details.

ALBERTA

CANADA

University of Calgary

Department of Biological Sciences

DegreesOffered: MS, PhD

<http://www.grad.ucalgary.ca/Programs/Biological%20Sciences.aspx>

The Department of Biological Sciences offers MSc and PhD degree programs. Highlights include:

- minimum guaranteed funding for MSc and PhD students
- new concentrations in:
 - Biomolecules, Cells and Microbes
 - Ecology and Evolutionary Biology
 - Organismal Biology
- emphasis on building career and leadership skills
- vibrant research environment with broad coverage throughout the biological sciences

If you are interested in pursuing a Graduate Degree program in the Department of Biological Sciences, we recommend that you contact those faculty members whose research you are interested in. This will allow you to determine if they are accepting new students, have available research projects, and have available funding.

Contact: Karen Barron (403) 220-6623 kbarron@ucalgary.ca

ApplicationDeadlines:

University of Lethbridge

Department of Biological Sciences

DegreesOffered: MS, PhD

http://www.uleth.ca/fas/bio/extra_content/evolution.html

Please contact relevant faculty (see web page).

Contact: Department (403) 329-2245 <http://www.uleth.ca/fas/bio/listContact>

ApplicationDeadlines:

http://www.uleth.ca/ross/admissions/grad_app_deadlines.html

ALBERTA

CANADA

University of Lethbridge

Department of Psychology

Degrees Offered: MS, PhD

<http://www.uleth.ca/berg/>

Our research strengths are in behavioural ecology, cognition, comparative and evolutionary psychology, the philosophy of science, and prehistoric archaeology. We examine a range of evolutionarily relevant phenomena such as social and antisocial behavior, reproductive and non-conceptive sexuality, parasite-host interactions, spatial navigation, play behaviour, feeding ecology, communication and language, cultural evolution, taphonomic processes, evolutionary ethics, and game theory. BERG members study a wide variety of species including baboons, black-capped chickadees, Caribbean reef squid, degus, fathead minnows, field crickets, flamingos, humans, Japanese macaques, laboratory rats, lowland gorillas, mule deer, octopus, red squirrels, rufous humming birds, Richardson's ground squirrels, spider monkeys, Tonkean macaques, black bellied wrens, Madagascar hissing cockroaches, crows and whitetail deer. Research is conducted in offices and laboratories at the University of Lethbridge and at various field sites in Alberta, Belgium, Bonaire, France, Independent Samoa, Israel, Japan, South Africa, Panama and Texas. Most of our members hold grants from such major federal funding agencies such as the Natural Sciences and Engineering Council of Canada (NSERC) or the Social Science and Humanities Research Council of Canada (SSHRC). Potential graduate students are encouraged to contact us via email to learn more about our work and graduate research opportunities in the Departments of Biological Sciences, Psychology, Neuroscience, Geography and Philosophy.

Contact: Martin Lalumière

martin.lalumiere@uleth.ca

Application Deadlines:http://www.uleth.ca/ross/admissions/grad_app_deadlines.html

BRITISH COLUMBIA

CANADA

Simon Fraser University

Behavioural Ecology Research Group

DegreesOffered: MS, PhD

<http://www.sfu.ca/biology/berg/berg.html>

Behavioural ecology is the study of the relationships between an organism's behaviour and the environment in which that behaviour has evolved or is expressed. This "environment" is not just the physical world, but also the biological (predators, prey, parasites) and social (conspecifics) one. Behavioural ecologists study both the function of behaviour (why animals and plants behave as they do), and the role of behaviour in determining population dynamics and community patterns, since these are two sides of the same coin. The Behavioural Ecology Research Group was established at SFU in February 1989 to pursue basic research in the field of evolutionary and behavioural ecology, utilizing a wide range of study organisms, including plants, insects and other invertebrates, fish, birds, and mammals (including humans). It comprises 12 faculty members in 2 SFU academic Departments (mainly Biological Sciences, but also Psychology and Resource and Environmental Management), and a number of Associate Members representing other SFU departments, UBC, and various government agencies. A major current research thrust is behaviour and conservation biology through the Centre for Wildlife Ecology.

Contact: Dr. Lawrence M. Dill

ldill@sfu.ca

ApplicationDeadlines:

Simon Fraser University

Centre for Wildlife Ecology

DegreesOffered: MS, PhD

<http://www.sfu.ca/biology/wildberg/>

The Centre for Wildlife Ecology is a collaboration between Simon Fraser University and the Canadian Wildlife Service. Its mission is to foster high quality, graduate training and research, conduct basic and applied research in wildlife ecology, and to provide knowledge and personnel that will help Environment Canada and other agencies meet the challenges of conservation in the 21st century.

Contact: Ron Ydenberg

604-291-4282

ydenberg@sfu.ca

ApplicationDeadlines:

BRITISH COLUMBIA

CANADA

Simon Fraser University

Department of Biological Sciences

DegreesOffered: MS, MPM, PhD

<http://www.sfu.ca/biology/>

The graduate programs in the Department of Biological Sciences at Simon Fraser University are designed to provide students with the best possible research and academic preparation. Because the Department is large and includes a wide range of academic interests, a number of research and teaching programs have evolved. Both MSc. and PhD. programs are available in diverse research areas ranging from populations to microbiology. Basic biological research and graduate education in the areas of behavioural and wildlife ecology are coordinated through the Behavioural Ecology Research Group. The Department also offers the MPM (Master of Pest Management) and MET (Master of Environmental Toxicology) degree programs. Other major areas of research interest are animal physiology, marine biology, and plant biology.

Contact:

bisc-grad-pa@sfu.ca

ApplicationDeadlines:

Simon Fraser University

Department of Psychology

DegreesOffered: MA, PhD

<http://www.psyc.sfu.ca/grad/index.php?topic=overview>

The Psychology Department offers graduate work leading to M.A. and Ph.D. degrees through its Experimental and Clinical Programs. Graduate students may specialize in one of the following research areas: Cognitive & Biological, Developmental, Law & Forensic Psychology, Social & Personality, Theory & Methods

The Cognitive & Biological Psychology area is a multidisciplinary group encompassing several foundation disciplines, and offering a flexible training program that may be tailored to individual interests. - Concentration in Perception and Cognition, Concentration in Biological Psychology and Neuroscience

Contact: Neil Watson

604-291-3550

web mail (see below)

ApplicationDeadlines:

BRITISH COLUMBIA

CANADA

University of British Columbia

Graduate Program in Neuroscience

Degrees Offered: MS, PhD

<http://www.interchg.ubc.ca/neurosci/program.htm>

The Program is administered by the Chairman of the Neuroscience Advisory Committee, and comprises some 60 faculty members representing 13 departments from the Faculties of Medicine, Science and Arts at the University of British Columbia. Laboratory and teaching areas are located across the U.B.C. campus and at the University Hospital and the Vancouver Hospital, according to the teaching and research affiliations of the Neuroscience faculty members. The Program aims for flexibility so that the individual needs and background of each student can, as quickly as possible, be accommodated.

Contact:

neurosci@interchange.ubc.ca

Application Deadlines:

Deadlines for applications for Sept. entry:

☐ Nov. 30 for international students

☐ Jan. 31 for students from Canada and the U.S.

University of British Columbia

Department of Zoology

Degrees Offered: MS, PhD

<http://www.zoology.ubc.ca/zoology/ResBehav.html>

The Department of Zoology at UBC is internationally renowned for its research in a variety of modern biological sciences, including ecology, evolution, physiology, neurobiology, cell biology and development. The department has many strong interdisciplinary connections between different areas of research.

Contact:

(604) 822-5807

gradsec@zoology.ubc.ca

Application Deadlines:

Deadline for Sept. start for both Canadian and international students: Feb. 1 (late applications may be accepted)

University of British Columbia

Department of Psychology

Degrees Offered: MA, PhD

<http://www.psych.ubc.ca/graduate.htm>

The UBC campus, Canada's largest, is located on the tip of Vancouver's Point Grey peninsula, surrounded by the Pacific Spirit Park and the Gulf of Georgia of the Pacific Ocean. UBC has about 35,500 undergraduate students, 8,200 graduate students, and 4,300 faculty members. UBC has a total of 5,500 international students from over 100 countries. UBC has total assets exceeding \$3 billion. The Department has a stable operating budget of \$5.2 million. UBC has been awarded nearly 100 CRC chairs, five of which are in the Psychology Department. The University also has a competitive campus-wide designation similar to CRC Distinguished University Scholars (DUS) and some of our faculty have been awarded DUS status. There are seven members of the Royal Society of Canada in the Psychology Department.

The university is one of Canada's top research institutions and receives large amounts of funding for research (typically over \$175M per year). Members of the Psychology Department alone receive over \$6.5 million annually in research funding from NSERC, CIHR, SSHRC and other agencies. The UBC Library is the second largest in Canada and is one of the leading libraries in the world in electronic technology. UBC has several Centres of Excellence, one of which was directed by the late Nobel Laureate, Dr. Michael Smith.

The Department of Psychology has 47 full-time faculty members, several honorary and emeritus professors, and a large professional support staff. In the past five years we recruited 11 new faculty members, four of whom hold Canada Research Chairs, and five received prestigious Research Scholar awards. Eighteen faculty members have been awarded the Killam Research Prize for outstanding research. Five faculty members have received Alumni Prizes for Research in the Social Sciences and one has received the McDowell Prize for the best young NSERC researcher. In a typical year, the Department's faculty members and graduate students publish about 200 scientific articles and book chapters plus several books.

There are currently about 100 Psychology graduate students plus 26 students from Neuroscience and other departments being supervised by our faculty members. Many of these students come from Canada; however, our program attracts students from the United States, Australia, China, England, Germany, Ghana, Hong Kong, Israel, Korea, Japan, Poland, Russia, and South Africa. Nearly 70% of our graduate students hold one or more competitive postgraduate awards. A full range of teaching assistant and research assistant positions are also available for our graduate students.

Graduate students form an integral part of the Department's research and teaching activities. In addition, graduate student representatives serve on many departmental committees and attend departmental meetings. Graduate students also receive office space, free statistical consulting, photocopying for thesis preparation, and computing facilities for data analysis.

The Psychology Department is located in the D.T. Kenny Building. The building boasts excellent laboratory facilities, seminar rooms, and a lounge. Recently, approximately \$1.5 million has been spent equipping laboratories and offices with modern personal computers and software. All offices, labs and teaching spaces have 100 Megabit per second switched Ethernet connectivity with a 1 Gigabit per second building link to the UBC network. In addition, the building is served by 26 access points supporting wireless connectivity at data rates up to 54 Megabits per second. All incoming graduate students automatically receive no-cost e-mail accounts. The Department has its own computer analysts. UBC has site licenses for many popular software packages for personal computers, enabling students to purchase software inexpensively. The UBC Bookstore offers discounts to UBC students on MacIntosh and IBM computers.

Due to the generosity of one of our early graduates, Dr. Michael Quinn (PhD, 1969), the Department hosts an annual

BRITISH COLUMBIA

CANADA

public presentation featuring a high-profile cognitive scientist. The inaugural QML, titled "Illusions of Memory" was given in March 2006 by Dr. Elizabeth Loftus. The Quinn Memorial Fund also supports exchange visits for graduate students between UBC and other countries, for example, with universities in Japan and Scotland in 2006. Several other innovative programs are under development.

From September to May, the Department offers a series of colloquia given by psychologists invited from other universities. In addition, several informal seminars that are attended by faculty members and graduate students operate throughout the year. These are often interdisciplinary and attract students from other departments, for example, Neuroscience, Zoology, and Computer Science. Each April the Department hosts an Undergraduate Research Conference, and each in May the Department also holds a one-day conference, "Psychfest," at which graduate students present recent research.

Contact: Rose Tam

gradsec@psych.ubc.ca

ApplicationDeadlines:

Deadlines for Sept. start: Jan. 15 for both international and domestic students

University of British Columbia

Animal Welfare Program, in the Faculty of Land and Food System

DegreesOffered: MS, PhD

www.landfood.ubc.ca/programs/animal_sc_grad.htm

The Animal Science program offers opportunities for advanced study and research in the areas of physiology, nutrition, biochemistry, behaviour, welfare, genetics and the management of livestock, poultry, aquaculture and wildlife species. Students interested in improving the lives of animals have the opportunity to complete a M.Sc. or Ph.D. through the UBC Animal Welfare Program. The UBC Animal Welfare Program is one of the largest and most respected centres in the world in the field of animal welfare science. Since its inception in 1997, the Program's research has led to improvements in the lives of animals in British Columbia and around the world. The mission of the program is to improve the welfare and humane care of animals in agriculture, research, companionship and other areas through active efforts in research, education and public outreach. For additional information view the UBC Animal Welfare website.

As well, check out the following web site:

🌐 www.landfood.ubc.ca/animalwelfare/index.htm

Contact:

gradapp@interchange.ubc.ca

ApplicationDeadlines:

Students are accepted in Sept., Jan. and summer (May and July).

MANITOBA

CANADA

University of Manitoba

Zoology

DegreesOffered: MS, PhD

<http://umanitoba.ca/faculties/science/zoology/gradstud/gradprog.html>

Department of Zoology faculty investigate biological processes that span the subcellular to ecosystem levels. Several major areas of scholarship are emphasized, including:

- cell and developmental biology
- physiology
- behavioural biology
- ecology
- evolution and systematics
- parasitology
- fisheries biology

Award winning programs and research

We have particular strength in aquatic biology, with marine and freshwater organisms being investigated and used as model systems by many of our researchers. The recent award of an NSERC Chair in Northern Biology, new faculty hiring, and ongoing collaborations with the Canadian Department of Fisheries and Oceans (Freshwater Institute) have significantly enhanced our northern and arctic research capability. In an era of unprecedented human impact on the environment and technological development, the study of zoology is increasingly relevant. The excellence of our faculty, graduate students, and resources allow us to make important and internationally-recognized research contributions.

High level of training and dedication

The Department of Zoology offers graduate training leading to the degrees of Master of Science and Doctor of Philosophy. Members of the faculty share a commitment to training students to become independent scientists with strong research abilities. In turn, a high level of motivation and dedication is expected in graduate candidates.

Contact: Dr. Erwin Huebner (204) 474-9245 ehuebner@cc.umanitoba.ca

Field station at Delta Marsh, molecular facilities, museum

Diverse range of field studies

Field studies are conducted over a wide geographic area, including arctic, temperate, and tropical habitats. The central location of the University of Manitoba facilitates work on a variety of prairie, marsh, and woodland habitats and on a wide spectrum of inland lakes and rivers, as well as arctic tundra and marine habitats along the coast of Hudson Bay. Delta Marsh Field Station, fully equipped with living accommodations and laboratory space, is located 80km to the west on the shore of Lake Manitoba. Research also takes place at the Experimental Lakes Area, operated by the Department of Fisheries and Oceans.

ApplicationDeadlines:

<http://umanitoba.ca/faculties/science/zoology/gradstud/gradapp.html>

NEWFOUNDLAND

CANADA

Memorial University

Cognitive and Behavioural Ecology

DegreesOffered: MS, PhD

http://www.mun.ca/sgs/prog_study/cognitive.php

The cognitive and behavioural ecology graduate program is an interdisciplinary program focused on animal behaviour and behavioural ecology. It is designed to train students in research which integrates different levels of molecular, developmental, ecological and evolutionary analysis. Some examples of ongoing research include predator-prey relationships of larval fishes, hormonal and genetic analysis of parental behaviour of seabirds, birds as environmental indicators, seabird feeding ecology, small mammal ecology, whale and seal behaviour, conservation biology and the social behaviour of wolves.

Contact: Gail Kenny

gkenny@mun.ca

ApplicationDeadlines:

NOVA SCOTIA

CANADA

Dalhousie University

Department of Psychology

DegreesOffered: PhD

<http://psychology.dal.ca/PsychWeb/grad.html>

The Department of Psychology offers graduate training leading to MSc, and PhD degrees in Psychology, MSc and PhD degrees in Psychology/Neuroscience, and to a PhD in Clinical Psychology. Master's level students in Psychology and Psychology/Neuroscience are expected to advance into the corresponding PhD programs. We do not have a "terminal" Master's program nor do we offer a Master's degree in Clinical Psychology.

Contact: (902) 494-3417 www.dal.ca/Psychology

marine tanks, wolf compound, physiological and histological equipment

ApplicationDeadlines:

Dalhousie University

Biology Department

DegreesOffered: MS, PhD

<http://biology.dal.ca/>

The Biology Department at Dalhousie University offers MSc and PhD degree programmes in a broad range of specialties. Students in the department enjoy a lively intellectual and social atmosphere created by an international mix of students having diverse interests. Programmes of study and research are flexibly designed to suit the individual needs of students. Scholarship and other forms of financial support for students are available.

Contact: (902) 494-3515 finn.sander@dal.ca

The Biology department is located in a modern eight-storey building. Research facilities include the provision of piped seawater to many laboratories in addition to standard facilities, such as electron microscopes and a rooftop greenhouse. Housed within the department is the well-equipped Resource Conservation Genetics Laboratory in which recombinant DNA technology is applied to improving fisheries, aquaculture and forestry. Some graduate students work directly in association with this laboratory.

ApplicationDeadlines:

NOVA SCOTIA

CANADA

Nova Scotia Agricultural College

Department of Plant and Animal Sciences

DegreesOffered: MS

<http://www.nsac.ns.ca/pas/>

The Department of Plant and Animal Sciences carries out research and offers technical, degree and post-graduate courses in crop and animal production, aquaculture, food science, soil science, and agricultural biotechnology.

Contact: Jill Rogers

jrogers@nsac.ca

The Department is home to the College's farm, the NSAC Aquaculture Centre, the Atlantic Pasture Research Group, the Cropping Systems Research Program, the Atlantic Poultry Research Institute, the Processing Carrot Research Program, the Canadian Centre for Fur Animal Research, the Rhubarb Research Program, Needle Retention Research, Ecophysiology Research Group, Performance Genomics Inc. and the Nova Scotia Crop Development Institute. We are also associated with the Organic Agriculture Centre of Canada.

ApplicationDeadlines:<http://www.nsac.ns.ca/research/graduatestudies/admissions.asp>

ONTARIO

CANADA

Brock University

Department of Biological Sciences

DegreesOffered: MS

<http://www.brocku.ca/biology/>

We offer a Graduate Program leading to a MSc or a PhD degree specialising in one of four areas:

1. Cell & Molecular Biology
2. Ecology & Evolution
3. Neurobiology & Physiology
4. Plant Sciences & Oenology and Viticulture.

Contact: Coordinator, Graduate Studies (905) 688-5550 miriam@brocku.ca
x3388

ApplicationDeadlines:

Application may be made at any time, although formal entry into the Graduate Program normally occurs on January 1st, May 1st or September 1st.

Potential graduate students should communicate with a faculty member BEFORE applying to the graduate program, as students are admitted to the graduate program only when a professor has agreed to have them join his or her lab. Identify professors whose research interests you, read up on their recent research, and then send them a c.v. and a research proposal or statement of interest (1-2 pages).

Carleton University

Biology Department

DegreesOffered: MSc, PhD

<http://www.carleton.ca/biology/>

Students pursuing studies in biological sciences at the M.Sc. and Ph.D. levels in the Ottawa area do so in a co-operative program that combines the resources of the Departments of Biology of Carleton University and the University of Ottawa. The two universities have a joint committee supervising the programs, regulations, and student admissions.

Students are admitted for graduate work under the general regulations of the Institute. Additional criteria for admission include academic performance, research experience, and referees' appraisals. The student must also be accepted by a faculty member who will supervise the research project, and the choice of supervisor will determine the primary campus location of the student. The student's advisory committee will normally include faculty members from both universities.

Contact: Lenore Fahrig, Associate Director 613-520-2600 lenore_fahrig@carleton.ca
x3856

ApplicationDeadlines:

see web site

McMaster University**Biology Department****DegreesOffered:** MS, PhD
http://sciwebserver.science.mcmaster.ca/biology/biology_graduate_home.html

The Biology Department offers graduate programs leading to M.Sc. and Ph.D. degrees. There are over thirty faculty research labs for graduate student participation in a broad range of research areas. The average program length is 2 to 3 years for a M.Sc. and 4 to 5 years for a Ph.D. There are currently 35 students in the M.Sc. program and 42 Ph.D. candidates.

Our graduate programs teach the research and communication skills required for successful careers as independent scientists. Graduates go on to careers in universities, research institutions, or the biotechnology industry, and a growing number choose areas such as consulting, science writing, technology transfer, and patent law.

Contact: Mrs. Patricia Hayward (905) 525-9140 hayward@mcmaster.ca
x23546

In addition to our well equipped general laboratories, we have animal quarters, greenhouses and plant growth chambers, insect rooms, facilities for fish holding and for recombinant DNA research and an electron microscope facility which contains a transmission electron microscope and an environmental scanning electron microscope, energy dispersive X-ray analysis and a cryogenic specimen preparation system for ESEM.



We are well equipped with research equipment such as fluorescence microscopes, ultracentrifuges, radioactivity counters, an oligonucleotide synthesizer, a sequencing facility, HPLC, spectrophotometers, and other analytical instruments.

Other facilities available to members of the Department include confocal microscopy, neutron activation analysis using the nuclear reactor, mass spectrometry and a high resolution resonance spectrometer in various departments throughout the University.

ApplicationDeadlines:

Applications should be sent as early as possible, as acceptance is on a competitive basis. Normally, the program starts in September but it is possible to start in January or May. Students are encouraged to apply in sufficient time to meet the scholarship deadlines and if possible to start during the summer to obtain research experience before course work commences in September.

Queen's University - Kingston

Department of Biology

Degrees Offered: MS, Ph.D.

<http://biology.queensu.ca/>

The School of Graduate Studies and Research offers graduate programs in 43 departments which are themselves divided into 5 Divisions:

- i Life Sciences,
- ii Humanities,
- iii Engineering and Applied Sciences,
- iv Mathematics and Physical Sciences,
- v Social Sciences and Professional Schools.

Interested applicants must first make contact with the department to which they wish to apply. If you are deemed to be a qualified applicant, the department will direct you to the on-line application process. If you are unable to apply on-line, the department will mail an application package to you.

The outstanding caliber of Queen's professors is a key strength of our research-intensive university. Queen's has 3.5 times its pro-rata share of prestigious Killam Awards, which are among Canada's most distinguished research awards in support of academic excellence. Queen's also ranks very highly in its share of Steacie Memorial Fellowships, awarded to outstanding and highly promising young faculty members.

Contact: Joanne Surette 613 533-6138 surettej@biology.queensu.ca

Specialized laboratories for fermentation and bioprocessing research facilities, and the Queen's Molecular Evolution Laboratory

The state of the art Phytotron, a \$2.5 million facility for plant growth including six research-quality greenhouses and 25 plant growth chambers.

Research quality laboratory space, built to Biohazard Level II standards.

A unique animal care facility that permits the creation of special habitats for the long-term study of animal behaviour.

Overall, the new Biosciences Complex at Queen's University provides our faculty, researchers and students with the tools of modern science - sophisticated equipment, high-tech laboratories, and the latest in teaching and learning facilities.

ApplicationDeadlines:

You may apply at any time, however, most acceptances and fellowships are adjudicated in March and application should be made early in the year if you wish to be considered for fellowships or awards. Please refer to the Application Requirements for individual departmental deadlines.

ONTARIO

CANADA

University of Guelph

Department of Integrative Biology

DegreesOffered: MS, PhD

<http://www.uoguelph.ca/ib/>

The Zoology graduate program has opportunities leading to M.Sc. and Ph.D. The program involves faculty from the Department of Integrative Biology. Research in the zoology program is concentrated in the areas of:

- * Ecology
- * Evolution
- * Physiology
- * Anatomy and Morphology

Specific expertise of faculty in the Zoology program include:

- * Animal behaviour
- * Comparative physiology
- * Developmental biology
- * Pure and applied ecology
- * Theoretical ecology
- * Fishery science
- * Genome evolution
- * Population genetics
- * Wildlife biology and management

Contact: MaryAnne Davis

519-824-4120
x56094

mdavis@uoguelph.ca

ApplicationDeadlines:

see web site

ONTARIO

CANADA

University of Ottawa

Behavioral Neuroscience

DegreesOffered: PhD

<http://www.socialsciences.uottawa.ca/psy/eng/neuro.asp>

Behavioural neuroscience is the study of the relationship between animal and human behavior, and the nervous system. This area of expertise cuts across many disciplines and incorporates such fields as anatomy, neurobiology, neuropsychology, pharmacology, physiology, psychiatry and psychology.

Thus, training in behavioral neuroscience extends beyond the boundaries of traditional departments. The School of Psychology at the University of Ottawa and the Institute of Neuroscience at Carleton University jointly offer a collaborative program in this area of specialization. Faculty members from the Department of Psychiatry at the Institute of Mental Health Research, Royal Ottawa Hospital, who work in the area of neuroscience, participate in teaching, research training and student supervision as a means of augmenting the scope of the program.

Contact: Graduate Secretary (613) 562-5801 gradinfo@uottawa.ca

ApplicationDeadlines:

Students should apply to the academic unit most appropriate to their research interests. Once accepted by the department, they must be sponsored by a faculty member officially associated with the Behavioural Neuroscience Specialization. Applications and further information can be obtained from the participating academic units, the coordinators, or the graduate schools of either university. If requested, the coordinators will assist students in finding the most suitable supervisor.

University of Toronto

Department of Psychology

DegreesOffered: MA, PhD

<http://www.psych.utoronto.ca/>

Within the department, there are five areas of research specialization, each of which is described below (together with a list of the faculty involved in that area). In addition, there are programs which cut across these areas (certain of which can lead to a clinical extension for a small, select subgroup of students). All students must first complete a one-year M.A. before carrying on to the Ph.D. program, although it is assumed that all students plan to complete their doctorates.

- * Biology and Behaviour
- * Developmental
- * Social/Personality/Abnormal
- * Cognition, Perception, and Cognitive Neuroscience

Contact: Prof. Morris Moscovitch 416-978-7617 momos@psych.utoronto.ca

ApplicationDeadlines:

January 15. Incomplete applications will not be considered.

ONTARIO

CANADA

University of Toronto

Department of Ecology and Evolutionary Biology

Degrees Offered: MS, PhD

<http://www.eeb.utoronto.ca/>

Ecology and Evolutionary Biology is the largest ecology and evolution biology research centre in Canada. Zoology is one of two graduate programs offered (see also Plant and Microbial Biology), and no later than 2008 a new graduate program in Ecology and Evolutionary Biology will be available. Research faculty use a broad array of approaches in their studies, including molecular studies, laboratory experiments, computer and mathematical modeling, and field studies in many different areas of the world. Students may study with faculty at any one of the three campuses of the UofT or at the Royal Ontario Museum.

Contact: Kitty Lam, Graduate Program Advisor 416-978-7172 grad@eeb.utoronto.ca

Application Deadlines:

The normal start date for our program is September 1st. We will be accepting applications beginning December 1st prior to the September start date. All application materials (including transcripts, letters of reference, etc.) must be received by February 16th in order to be considered for University of Toronto Fellowships. This is the deadline for all applicants that wish to start their graduate program in September 2006 or January 2007.

ONTARIO

CANADA

University of Western Ontario

Neuroscience

Degrees Offered: MS, PhD

<http://www.uwo.ca/neuroscience/intro.html>

The University of Western Ontario offers students the opportunity to pursue graduate studies in the interdisciplinary field of Neuroscience. Western's new program is unique within the province of Ontario in that it enables students to obtain an M.Sc. or Ph.D specifically in Neuroscience.

The Program is designed for students with a variety of interests and backgrounds. These can include such areas as computer science, mathematics, engineering, chemistry and physics as well as the more traditional areas of anatomy, pharmacology, psychology, physiology, zoology, neurology, ophthalmology and physical therapy. The M.Sc. program provides a strong foundation in Neuroscience, while the Ph.D program builds on this foundation and develops the research skills necessary for a career in Neuroscience.

The Program offers research training in a variety of areas including neural substrates of behavior, neurophysiology, neural development, neuropharmacology, neuroanatomy and cellular and molecular biology. Students are able to select supervisors from over 49 core members of the Program, consisting of scientists drawn from the Faculties of Medicine and Dentistry, Science, Social Science, and Health Sciences. These include the departments of Anatomy and Cell Biology, Biochemistry, Clinical Neurological Sciences, Oncology, Ophthalmology, Oral Biology, Pathology, Physiology and Pharmacology, Physical Rehabilitation, Psychiatry, Psychology, Physical Therapy, and Zoology.

The University of Western Ontario campus is scenically situated on a large (375 acre) rolling campus which lies on the outskirts of the residential area of London, Ontario (pop. 300,000). The University received its charter in 1827 and is one of Canada's large and well-established centers of higher education with an enrollment of over 20,000.

Contact: David Sherry (519) 661-4039 sherry@uwo.ca

Application Deadlines:

For Neuroscience applicants whose chosen supervisor is in the Department of Psychology, the deadline for your application is January 31, 2007.

All other applicants, the deadline for admission to the Fall 2007 semester is May 31, 2007.

University of Western Ontario

Psychology

Degrees Offered: MS, PhD

<http://www.ssc.uwo.ca/psychology/bcn.htm>

The Behavioural and Cognitive Neuroscience area is a multidisciplinary group encompassing a diverse range of research specializations. Members of the BCN area are united by an interest in the biological basis of behaviour and cognitive function.

We offer a flexible training program that may be tailored to individual interests. Research training follows an apprenticeship model where students work closely within a single lab or research group. However, collaborations with other members of the Area are encouraged, especially at the PhD level.

Faculty in the BCN area also supervise graduate students enrolled in the interdisciplinary Graduate Program in Neuroscience.

Cognitive Science investigates fundamental mental processes such as language, vision, and memory. It has traditionally included such disciplines as Psychology, Neuroscience, Computer Science, Philosophy, and Linguistics. Faculty and students in Western's Cognition & Perception program conduct research in a number of areas, including memory, concepts and categorization, reading, language processing, cognitive development and cognitive disorders. Our program emphasizes theoretically-driven research that includes both traditional behavioral approaches and cutting-edge techniques such as computational modeling, eyetracking and neuroimaging.

In addition to core faculty members, graduate students are able to work with faculty members in other areas of Psychology, and in other departments. The ability to work on multiple projects depends entirely on their motivation to do so.

The Cognition & Perception area's major strength is language processing, boasting the largest group in Canada studying this topic. Research areas include visual word recognition, concepts and categorization, word meaning, figurative language, sentence comprehension, and language development. We also have faculty and students who are experts in sensation and perception, as well as implicit and explicit memory, and autobiographical memory. Furthermore, the Cognition & Perception area is closely affiliated with members of the Behavioural and Cognitive Neuroscience area who study visual attention, visual processing, and motor control.

Contact: Val Van Domelen 519-661-2064 psych-grad@uwo.ca

A wide range of research resources is available. These include: access to normal and clinical human subjects, access to a range of mammal and bird species that are studied in the laboratory or in the wild, and primate-based research. Several labs study brain function using functional magnetic resonance imaging, fMRI. A 4 Tesla magnet, available at the Robarts Research Institute, allows for the acquisition of high resolution brain images. The magnet is devoted full-time to research use. An on-site radioimmunoassay lab is available for studies of endocrine influences on brain and behaviour. The lab specializes in the measurement of steroid hormones in saliva and also offers a range of conventional serum-based radioimmunoassays. A recently renovated state-of-the-art animal research facility comprising 7,200 sq ft (682 sq meters), together with an adjacent multiple-species animal housing facility comprising 4,200 sq ft (398 sq meters) is available. The animal research facility contains rooms and equipment for the detailed study of behaviour.

Application Deadlines:

Jan 15th

ONTARIO

CANADA

York University

Psychology Department

DegreesOffered: MA, PhD

http://www.yorku.ca/health/psyc/graduate/brain_behaviour_cognitive.htm

The Brain, Behaviour and Cognitive Sciences Area trains students in the fields of perception, sensory motor control, animal behaviour, cognition, measurement theory, neuropsychology and biomedical sciences. This training is relevant to both basic and applied science. Experimental approaches include: psychophysics, electrophysiology (single unit and evoked potential), brain imaging, computational modeling, observational field-work, and kinematic analysis. Research practica are an integral part of the learning experience and can take place in York University laboratories and a variety of clinical and industrial settings. Many BBCS laboratories are associated with The York Centre for Vision Research.

Contact: Richard Murray (416) 736-5290 rfm@yorku.ca

ApplicationDeadlines:

December 15.

York University

Biology Department

DegreesOffered: MS, PhD

<http://www.biol.yorku.ca/grad/>

Graduate studies in Biology at York University are firmly based in research. Those courses which are required are designed to enhance the awareness of current research in various fields of biology or to bring students' knowledge to the latest state of the art in their area of interest. The research interests of the faculty are concentrated in a limited number of areas, namely:

Animal Biology / Physiology, Cell Biology, Ecology and Population Biology, Evolutionary Biology, Genetics, Molecular Biology and Biochemistry, and Plant Physiology.

The Programme is rigorous and demanding while maintaining an informal and friendly atmosphere. It is easy to get to know the students and faculty, most of whom are very approachable and always willing to provide ideas and equipment and other forms of assistance to all students in the programme.

Contact: Department 416-736-2100 biograd@yorku.ca
x22342

ApplicationDeadlines:

Open (April 1 for scholarship consideration, awarded on a first come, first served basis. At both the Master's and Doctoral levels, all students work closely with a Supervisor, and their research is supported by that Supervisor. Thus, no student is accepted into the programme unless a Professor agrees to supervise that student.

QUEBEC

CANADA

Concordia University**Biology Department****DegreesOffered:** MS, PhD<http://artsandscience.concordia.ca/biology/grad.cfm>

Ph.D. Applicants should have an M.Sc. degree in life sciences, a strong research and academic background (minimum B average).

Applications for full-time study are considered for September and January admission.

M.Sc. The normal admission requirement is an honours B.Sc. in Biology (minimum B average) or equivalent. Applicants are encouraged to visit or correspond with faculty members in their area of interest.

Contact: Ms. Kelly Pingel, Graduate Programme (514) 848-2424 biograd@alcor.concordia.ca
Secretary ext. 3401

labs for study of bird, fish, and insect behavior; neurophysiology equipment

ApplicationDeadlines:

January 15 for Fall Semester (September entry)

August 31 for Winter Semester (January entry)

QUEBEC

CANADA

McGill University

Department of Animal Science

DegreesOffered: MS, PhD

<http://www.mcgill.ca/animal/>

McGill's Department of Animal Science offers outstanding opportunities for study at both the undergraduate and graduate levels, resulting in degrees that leave our students in an excellent position to choose their own future.

The department is internationally renowned for its expertise in the traditional as well as innovative disciplines related to animal livestock production:

- * Biotechnology and Molecular Biology
- * Genetics and Animal Breeding
- * Nutrition
- * Information Systems
- * Reproductive Physiology

Contact: Graduate Studies Coordinator 514 398-7792 animal.science@mcgill.ca

The Department of Animal Science is located on the Macdonald Campus of McGill University, at the western tip of the Island of Montreal and approximately 30 minutes from the city centre where the downtown campus is situated. Our location makes us one of the few departments of Animal Science in North America with a fully-functional farm at the disposal of our students and researchers, allowing them to take advantage of its many animal facilities.

ApplicationDeadlines:

Winter (January) 2007 session:

- * International applicants (including US): July 1, 2006
- * Canadian applicants: Oct 15, 2006

Summer (May) 2007 session: (open as of Sept. 15, 2006)

- o International applicants (including US): Nov 1, 2006
- o Canadian applicants: Feb 15, 2007

Fall (September) 2007 session: (open as of Sept 29, 2006)

- o International applicants (including US): March 1, 2007
- o Canadian applicants: June 1, 2007

Suitable candidates are advised to contact potential supervisors within their chosen area of interest. Applicants should be aware that no Professor is in a position to accept students without formal approval of the application by the Graduate School.

QUEBEC

CANADA

McGill University

Department of Biology

Degrees Offered: MS, PhD

<http://www.biology.mcgill.ca/>

The Department offers graduate training in many areas of biology with particular strengths in Molecular Genetics and Development, Evolutionary and Behavioural Ecology, Human Genetics, Limnology, Marine Biology, Neurobiology, and Experimental Plant Biology. The research areas of individual staff are detailed in the academic faculty section.

Graduate programs leading to the M.Sc. and Ph.D. degrees are offered. The emphasis in both programs is on development of the intellectual and technical skills necessary for independent research. The main component of both degrees is a thesis embodying the results of original research. Formal course requirements are few and are largely intended to fill gaps in the student's background.

Contact: Susan Bockti, Coordinator 514-398-6403 susanbocti@mcgill.ca

The Stewart Biology Building is well equipped for graduate training and research in a wide variety of areas of biology. Its resources are greatly extended by affiliation with other organizations such as the Redpath Museum; the Groupe Interuniversitaire de Recherches Océanographiques du Québec (GIROQ); the Biotechnology Research Institute of the National Research Council of Canada; Macdonald Campus; the Montreal Neurological Institute; the Jewish General Hospital; the Montreal General, Montreal Children's and Royal Victoria Hospitals. Field research facilities include the Mont St. Hilaire Field Station (Québec); the Huntsman Marine Science Centre (New Brunswick); the Subarctic Research Laboratory (Québec); the Bellairs Research Institute (Barbados); and the Memphremagog Field Station (Québec).

Application Deadlines:

International students:

- * January 15th for September registration
- * August 15th for January registration

Students are admitted into the program on a full-time basis only.

Canadian residents and citizens:

- * March 1st for September registration
- * October 15th for January registration

QUEBEC

CANADA

Universite Laval

Department of Biology

DegreesOffered: MS, PhD

<http://www.bio.ulaval.ca/en/accueil.aspx?tabindex=1&tabid=66>

The Department of Biology offers MSc degrees, with thesis subjects ranging from molecular biology to community ecology in both aquatic and terrestrial systems. Research may be carried with a professor in the Department or in codirection with adjunct professors at any accepted research establishment. At present, there are approximately 110 graduate students divided between the MSc and PhD programs.

Contact: Martine Boucher, Assistant418-656-2131
x3934

martine.boucher@bio.ulaval.ca

ApplicationDeadlines:

Interested students should contact professors directly with respect to possible openings and potential research programs.

SASKATCHEWAN

CANADA

University of Regina

Biology Department

DegreesOffered: BS, MS, PhD

<http://www.uregina.ca/biology/>

The department offers degree programs at both the Master's and Doctoral level. Areas of active research include: moss developmental regulation, insect evolutionary genetics, microbial toxin synthesis and gene expression, algal metabolism, regulation and interactions of vertebrate endocrine systems, plant community ecology, species assemblages in community ecology, fish ecology, quantitative ecology, terrestrial vertebrate ecology, limnology, plant-microbe interactions, parasite ecology and microbial ecology.

The department is well-equipped, with modern research laboratories, plant growth and aquatic facilities, an herbarium, and a field station in the Cypress Hills of southwestern Saskatchewan. The research capabilities of the department are increased by association with local federal and provincial government facilities, and research connections with a number of other universities.

Contact: Jill Medby

(306) 585-4161

Jill.Medby@uregina.ca

ApplicationDeadlines:

<http://www.uregina.ca/gradstudies/main/admissions.shtml#deadlines>

University of Saskatchewan

Animal and Poultry Science

DegreesOffered: MS, MAgr, PhD

<http://www.ag.usask.ca/departments/anps/>

Our College of Agriculture has a global reputation for being on the cutting edge of agricultural technology.

The Department accepts Canadian and international students for advanced training in M.Sc., M.Agr. and Ph.D. programs in the College of Graduate Studies and Research.

Research areas in the department include nutrition, physiology, genetics, management and behaviour of farm and companion animals. Many supporting courses are also available in other departments. Students should contact the department to determine when specific courses are offered.

Contact: Department

animal.science@usask.ca

ApplicationDeadlines:

March 31 Final date for submission of an Application to Graduate and all graduation paperwork to College for 2007 Spring Convocation

August 31 Final date for submission of an Application to Graduate and all graduation paperwork to College for 2007 Fall Convocation

SASKATCHEWAN

CANADA

University of Saskatchewan

Department of Biology

DegreesOffered: MS, PhD

<http://www.usask.ca/biology/home/gradform.html>

The Department - The Department of Biology has graduate programs leading to M.Sc. and Ph.D. degrees. The faculty, which includes associate members and adjunct professors from other departments and institutes on campus, has particular strength in ecology and behaviour, plant biotechnology and developmental biology. Joint graduate research programs can be arranged with other colleges of the University (Western College of Veterinary Medicine, College of Medicine, College of Agriculture) and several government institutions on the campus [Canadian Wildlife Service, Prairie and Northern Wildlife Research Centre; National Research Council, Plant Biotechnology Institute; Agriculture and Agri-Food Canada Research Centre, National Water Research Institute, Environment Canada; Saskatchewan Environment and Resource Management].

Contact: Douglas Chivers, Graduate Coordinator

doug.chivers@usask.ca

ApplicationDeadlines:

We usually do not send application forms to students unless there is some indication that a professor in the Department will consider supervising the student. Admission to the College of Graduate Studies per se does not ensure that a student can undertake a graduate program; a shortage of space or funds, or lack of an available supervisor, may preclude it.