

# *The Evolution of Looking and Seeing: New Insights from Colorful Jumping Spiders*

**Wednesday, April 24, 4:00 PM**  
**Myers Hall 130**



**Dr. Nathan Morehouse**  
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Insects and spiders face an important challenge: their lifestyles often rely heavily on vision and yet their small size imposes severe spatial constraints on their visual systems. As a result, these tiny animals offer a number of inventive solutions for miniaturized visual sensing, with jumping spiders arguably at the apex. In this seminar, Dr. Morehouse will highlight his recent work to understand how jumping spiders see the world, how these visual capabilities have evolved over time, and how their unusual visual systems have shaped the ways that they communicate with each other.