The Evolution of Hummingbird Coloration and Courtship

Desired Academic Year: Freshman-junior, but seniors considered
Hours Per Week: 10-15

Hummingbirds have some of the most striking colors in the animal kingdom. Male hummingbirds show off these colors when courting females through dramatic and intense behavioral displays, and both of these traits differ across species. I am studying the co-evolution of color and display diversity in North American hummingbirds, using a combination of field and computer based techniques. For more information, check out my website: rksimpson9.wordpress.com

I am looking for two undergraduate assistants to help with video and image/color analyses for three hours of research credit (BIO 310). There will also be opportunities to help with local fieldwork during the semester, and potential opportunities to help with fieldwork in California, Southern Arizona, and Texas during the summer. No prior research experience is required.

To apply, please email Rick Simpson (rksimps1@asu.edu) by January 30 with a brief description of 1) your research and career interests, 2) your prior experience (if any), and 3) why you are interested in working on this project. Please do not hesitate to contact me to ask any further questions!