

# The Evolution of Hummingbird Coloration and Courtship



**Desired Academic Year:** Freshman-junior, but seniors considered

**Hours Per Week:** 10-12

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 behaviors in North American hummingbirds, using a combination of field and computer based techniques. For more specific information, check out my website:

[rksimpson9.wordpress.com](http://rksimpson9.wordpress.com)

I am looking for undergraduate assistants to help with video and image analyses for 3 hours of research credit (BIO 310). There will also be opportunities to help with local fieldwork potentially this and definitely next semester. Additionally, I hold weekly meetings with my students to discuss papers, research, and graduate school as a group that you are welcome to join.

To apply, please email Rick Simpson ([rksimps1@asu.edu](mailto:rksimps1@asu.edu)) 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. No prior experience is required. Please do not hesitate to contact me to ask any further questions!