

# UNDERGRADUATE RESEARCH OPPORTUNITIES

Interested in **Ecology, Behavior, Conservation, or Evolution?**

Want to be a part of a lab using **Cutting-edge Technology?**

Come join the **Patricelli Lab!**

Our lab seeks motivated undergraduates to join projects involving a threatened bird species, the greater sage-grouse. We are conducting two parallel studies, first to investigate mate choice and sexual signaling in sage-grouse, and second to test experimentally the effects of anthropogenic noise on breeding behavior in this species. Student projects involve analyzing high-definition video recordings of behavior, multi-channel audio recordings, and digital photographs.

Course credit available. No previous experience necessary. Preference given to students available for more than one quarter. If interested, please contact Alan Krakauer ([ahkrakauer@ucdavis.edu](mailto:ahkrakauer@ucdavis.edu)). For more information, visit us on the web: [www.eve.ucdavis.edu/gpatricelli/](http://www.eve.ucdavis.edu/gpatricelli/)



Above Left- Displaying male sage-grouse display; Above Right- Sage-grouse lek; Below Left- Males in the microphone array; Below Right- Robotic female attracts real males.