

Dr. Ellen Ketterson:

We would like to nominate Dr. Ellen Ketterson for the Graduate Hosted Speaker 2015-2016. Dr. Ketterson's work in hormonal individual variation has been instrumental in understanding how organisms adapt to an ever-changing environment. Her research has primarily focused on hormone pleiotropy and the influence/interaction amongst several hormones in expressing phenotypic traits as they relate to performance and fitness. Her research applies to more than just the songbirds she studies, her work has shown how common hormones like testosterone influences social behavior. Her work helps piece together the roles of natural selection, sexual selection, and random processes in evolution. The Ketterson Lab has used multiple techniques to address this research theme like hormone challenges, hormone implants, and differential gene expression.

Dr. Ketterson regularly publishes in *American Naturalist*, *Hormones and Behavior*, and *Proceedings of the Royal Society of London Series B*. She spearheaded a popular documentary on her study species "The Ordinary Extraordinary Junco", and would have insight for students interested in sharing their work with the public. As a professor of gender studies, as well as biology, she could also offer workshop topics on gender "roles" in science.

Mitchell Serota
Allison Cornell
Jeff Yap

CONTACT INFORMATION

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