

Dr. Janette Steets

Department of Botany

Dr. Janette Steets is an ecologist with expertise in plant population biology, plant reproductive ecology and plant-insect interactions. She received a bachelor's degree in biology from Muhlenberg College in 2000 and a Ph.D. in biology from the University of Pittsburgh in 2005. She completed her post-doctoral studies at the University of Alaska Fairbanks in the Institute for Arctic Biology. In 2007, she joined the Department of Botany at Oklahoma State University as an Assistant Professor.

Her research focuses on understanding the ecological and genetic forces that control phenotypic diversity and shape adaptive evolution in plants. Steets combines observations from wild populations and manipulative experiments, demographic modeling and population genetics to gain insight into the selective forces in natural populations and their consequences for population persistence and evolutionary change. Her current research projects are divided into three main areas: (1) ecological and evolutionary causes and consequences of plant-pollinator interactions, (2) evolutionary ecology of trichome production and (3) plant mating system evolution.



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