

Insect Population or Landscape Ecology  
University of Virginia

I am looking for a motivated individual wishing to pursue a MS or PhD studying population or landscape ecology of insects starting in the Fall of 2015.

My students and I are currently studying forest-defoliating insects such as the gypsy moth, an invasive pest of eastern deciduous forests, as well as native fireflies. Projects underway include investigation of

- 1) Effects of climate change on outbreaks of forest insects;
- 2) Factors leading to geographic variation in the rate of gypsy moth invasion;
- 3) Causes of spatial and temporal variation in forest insect outbreaks;
- 4) Effects of light pollution on firefly populations. Work in my lab often includes analysis of spatial datasets, field observations and experiments, and/or modeling (<http://www.faculty.virginia.edu/khaynes/>). The successful candidate will have the option to pursue research in their own separate area of population or landscape ecology or may want to develop a project contributing to one of the investigations described above.

Funding for the position would come from a research assistantship as well as a half-time teaching assistantship from the Department of Environmental Sciences.

To inquire about the position, send a statement of your interests and a CV to [haynes@virginia.edu](mailto:haynes@virginia.edu).

Kyle Haynes  
Associate Director, Blandy Experimental Farm  
Research Assistant Professor, Department of Environmental Sciences  
University of Virginia