

# || POST-DOCTORAL RESEARCHER

**Modeling Crop Pollination Services Gund Institute, University of Vermont**

## POSITION

The Gund Institute for Ecological Economics seeks a postdoctoral researcher to develop rigorous and practical models that predict crop pollination services across agricultural landscapes. The position is part of a new collaborative project funded by the USDA, “Developing Sustainable Pollination Strategies for U.S. Specialty Crops.” We aim to understand how farm management practices affect pollinators, and to develop recommendations for harnessing native bees for crop pollination. The 3-year position will be directed by Taylor Ricketts at The University of Vermont and co-advised by Eric Lonsdorf, Research Scientist at the Chicago Botanic Garden.

## Responsibilities

The postdoctoral researcher will: develop a spatially-explicit statistical model integrating the ecology and economics of crop pollination services (building on our initial modeling efforts); work closely with project field teams to apply this model to several agricultural landscapes and crops within the US; use the fitted models to predict impacts of habitat enhancements on pollinator communities and crop productivity. The post-doctoral researcher will work closely with both Dr. Ricketts and Dr. Lonsdorf, and will interact continuously with the broader project team ([www.icpbees.org](http://www.icpbees.org)).

## Qualifications

Applicants must have a doctoral degree in ecology, economics, agricultural science, or related fields. Successful candidates will have strong quantitative and statistical modeling skills, expertise in pollination or landscape ecology, successful experience with interdisciplinary collaboration, and a commitment to connecting research to real-world land management.

## Application

Applicants should send a letter of interest, curriculum vitae, and contact information for three references to Taylor Ricketts, Director, Gund Institute for Ecological Economics, at [taylor.ricketts@uvm.edu](mailto:taylor.ricketts@uvm.edu). Review of applications will begin on November 15, 2012 and we anticipate a start date of March 1, 2013.

## Setting

The University of Vermont is located in Burlington, between the Green and Adirondack Mountains and on the shores of Lake Champlain. The Gund Institute is a transdisciplinary environmental research center involving 20 Faculty Fellows, visiting scholars, and graduate students ([www.uvm.edu/giee/](http://www.uvm.edu/giee/)). Related efforts at UVM include a university-wide research initiative in Food Systems.

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. Applications from women and people from diverse racial, ethnic, and cultural backgrounds are encouraged.