

## PhD position: biodiversity and ecosystem services - Temple University

I will be attending the Ecological Society of America meeting in Portland, OR, (Aug. 7-11) and welcome the opportunity to meet with potential applicants.

A PhD Graduate student position with Dr. Jocelyn Behm is available at Temple University's Center for Biodiversity for Fall 2018. Dr. Behm runs a joint lab in the Center with Dr. Matthew Helmus that is focused on integrating biodiversity science with human ecology to understand contemporary patterns of biodiversity and its functioning within ecosystems.

The PhD student will research how local and landscape-scale drivers influence biodiversity and the strength of ecosystem services along an urban to rural gradient in southeastern Pennsylvania.

Activities performed may include:

- field biodiversity surveys (invertebrates, amphibians, birds, plants, microbes, etc.)
- field ecosystem service strength experiments
- lab ecosystem service strength experiments
- genetic sequencing
- GIS
- mentoring undergraduate research assistants
- quantitative method development

Applicants must have prior research experience and a bachelor's and/or master's degree in biology, environmental science, or other quantitative field. Ideal applicants are those with prior ecological fieldwork experience plus familiarity with genetic lab techniques, GIS, statistics, and R. Most importantly, the successful applicant will be well-organized, able to work both independently and in a team setting, and motivated to learn. This position is ideal for those craving a career in the exciting, fast-paced world of biodiversity science.

Full applications are due to Temple's Graduate School on December 15 (November 15 for international applicants). However, interested applicants should initially contact Dr. Behm ([jebehm@temple.edu](mailto:jebehm@temple.edu)) well in advance of the deadline. Include in this initial contact your CV, unofficial transcript, and a brief statement of interest that describes your relevant background experiences, why you are interested in the position, and questions you have about the research, etc. Applicants are strongly encouraged to first peruse the lab website and publications prior to contact (<http://www.iecolab.org>).

The Center for Biodiversity is located in a new LEED-Gold certified building on Temple's main campus in historic Philadelphia. The Center provides state-of-the-art biodiversity research facilities along with support staff with expertise in media development, GIS technology, and genetics. Temple University, founded in 1884, is a public R1 university with a diverse student body of ca. 40,000 students. It is the sixth largest provider of graduate school education in the U.S.A., is within the top 4% of research

institutions in the U.S.A., and is in the top ten of the fastest gainers in ranking by the U.S. News & World Report's Best Colleges.

Philadelphia is the birthplace of the U.S.A., filled with numerous attractions (e.g., Philadelphia Museum of Art, Philadelphia Zoo, Academy of Natural Sciences), amazing food, and a quick train ride to New York City and Washington DC. Philadelphia is nestled within an extensive national/state trail and park system, and is very close to Valley Forge National Park, the Pocono Mountains, the unique Pine Barren ecosystem, and the beaches of the Atlantic shore.

Temple University is an equal opportunity, equal access, affirmative action employer committed to achieving a diverse community.

For more information see:

<http://www.iecolab.org/>

<http://www.biodiversitycenter.org/>

<http://bulletin.temple.edu/graduate/scd/cst/biology-phd/>

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