

## About Bloomington

Bloomington is the quintessential college town; active, intellectual, young, friendly, relaxed and safe. You'll find coffeehouses, live music, festivals, bookstores, open-air markets, historic architecture, cafés, restaurants, lakes, parks, museums, and theaters.

For more information visit the Graduate and Professional Student Organization website:

[www.indiana.edu/~gpso](http://www.indiana.edu/~gpso)

## Collaborative Research Centers at IUB:

- Anthropological Center for Training and Research on Global Environmental Change (ACT)
- Center for the Study of Institutions, Population and Environmental Change (CIPEC)
- Center for Research in Environmental Sciences (CRES)
- Indiana Geological Survey (IGS)
- Workshop in Political Theory and Policy Analysis

## Facilities

Computational facilities at IU are ranked in the top 10 nationally. There are extensive GIS and remote sensing facilities in the department and at multiple research centers on campus. The Department also has extensive instrumentation and field stations available for experimental research, particularly in the atmospheric sciences. These include two towers in forest environments, a fully equipped chemical laboratory and remote sensing instrumentation. Our physical scientists are housed in the state-of-the-art Multi-disciplinary Science Building which affords access to a range of analytical facilities housed in purpose-built laboratory facilities.

## Department Overview

The mission of the Department is to be a national and international center of excellence in theoretical and applied research and instruction within selected areas of expertise. We emphasize methodological rigor and inter-disciplinarity.

## Department Concentrations

### *Atmospheric Science*

- Atmospheric Chemistry
- Biosphere-Atmosphere Interaction
- Climate Change
- Renewable Energy (focus on wind energy)

### *Human-Environment Interaction*

- Land-Change Science
- Cultural and Political Ecology
- Sustainability

### *Human Geography*

- Cultural Geography
- Economic Geography
- Urban Geography

### *Geographic Information Science*

- Geographic Information Systems (GIS)
- Remote Sensing
- Spatial Data Analysis and Modeling

## Degrees Offered

- Master of Arts (M.A.)
- Master of Science (M.S.)
- Master of Arts / Master of Science in Geography & Master of Science in Environmental Science, Public and Environmental Affairs (M.S.E.S.)
- Doctor of Philosophy (Ph.D)

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Indiana University is an Affirmative Action/Equal Opportunity Institution.  
For accessibility information contact Disability Services for Students at 812-855-7578



## *A Guide to Graduate Study in Geography at Indiana University*



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## Faculty Excellence

Our faculty members are world-renowned. Examples of faculty excellence are:

- Rebecca J. Barthelmie (Professor). Editor of the journal *Wind Energy*, and winner of the 2009 European Wind Energy Academy Scientific Prize for sustained research excellence.
- Constance Brown (Assistant Professor). Ex site manager of Global Energy and Water Cycle Experiment (GEWEX) - Coordinated Enhanced Observational Period (CEOP) semi-arid site.
- Danilo Dragoni (Assistant Scientist). PI of our AmeriFlux site in Morgan-Monroe State Forest (MMSF).
- Tom Evans (Associate Professor). Director of Center for the Study of Institutions, Population and Environmental Change (CIPEC).
- Tony H. Grubestic (Associate Professor). Co-editor of book '*Critical Infrastructure: Reliability and Vulnerability.*' Springer-Verlag, and outstanding junior faculty awardee IU.
- Daniel C. Knudsen (Professor). Director of International Studies Program, and editor of the book '*Landscape, Tourism and Meaning*' Ashgate.
- Rebecca Lave (Assistant Professor). Co-author of Synthesizing U.S. River Restoration Efforts, published in *Science*.
- Sara C. Pryor (Professor). Editor of the *Journal of Geophysical Research – Atmospheres*, and contributing author to IPCC report '*The role of renewables in mitigating climate change*'.
- Faiz Rahman (Associate Professor). Developer of new models for estimating carbon sequestration from remote sensing data.
- Scott M. Robeson (Professor). Winner of the CSG John Russell Mather Paper of the Year Award.

- Rinku Roy Chowdhury (Assistant Professor). Co-lead, Florida Coastal Everglades Long-Term Ecological Research (FCE-LTER) Human Dimensions project, and cross-LTER site residential landscapes research.
- Roman Zlotin (Senior Lecturer) Adjunct faculty of the Department of Biology at the University of New Mexico.

**Emeritus faculty include;** William R. Black, Dennis Conway, Charles Greer and John Odland. All continue to be active scholars and serve on graduate student committees. As just one example Dennis Conway recently co-edited the book '*Return Migration of the Next Generations: 21st Century Transnational Mobility*' Ashgate.



## Funding

Financial aid is provided to graduate students for the following periods given adequate progress:

- Masters student – 2 years
- Ph.D. student – 4 years

**Associate Instructorships (AI)** Responsibilities include leading laboratory/discussion sections. AI include a stipend, fee scholarship, and health insurance.

**Research Assistantships (RA)** are funded through external research grants to individual faculty. Exact award amount and duties are dependent on the research grant, but all RA include a stipend, fee scholarship, and health insurance. Several of our current graduate students have fellowships from agencies such as the National Science Foundation and the Fulbright Foundation. Others have been awarded a variety of Indiana University fellowships.

Information on internal and external funding opportunities and travel grants can be found through the IU GradGrants Center at:

<http://www.indiana.edu/~gradgrnt/index.html>

## Alumni

Alumni of our graduate program occupy positions at places such as:

- Dartmouth
- King Saud University
- Michigan State University
- Penn State University
- University of Connecticut
- University of Leeds
- University of Washington
- West Point

Others are city and transportation planners in Texas, Michigan and Nevada, or scientists and researchers in the National Weather Service (NWS) and National Climate Data Center (NCDC).