

The Department of Geological and Atmospheric Sciences offers graduate programs in Geology, Meteorology, and Earth Science. More information about the application process is available on the departmental website (<https://ge-at.iastate.edu/>). Faculty within the department are currently recruiting graduate students for the following positions.

Biogeochemistry

Dr. Betsy Swanner (eswanner@iastate.edu) is recruiting a student (preference for PhD over MS) to the Geology program for Fall 2024 to investigate the biogeochemistry of manganese in lakes. A valid driver's license is required. Funded by research and teaching assistantships.

<https://geobiochem.ge-at.iastate.edu/>

Climate Modeling

Dr. Bill Gutowski (gutowski@iastate.edu) is not currently recruiting any students.

Earth History

Dr. Ben Johnson (bwj@iastate.edu) is recruiting a MS or PhD student in the Geology program for Fall 2024. The student would use oxygen isotopes to study continental emergence and uplift, and be supported by a teaching assistantship. <https://www.benjohnson.com/>

Earth Systems Science Education

Dr. Cinzia Cervato (cinzia@iastate.edu) is not currently recruiting any students.

<https://faculty.sites.iastate.edu/cinzia/>

Economic Geology

Dr. Paul Spry (pgspry@iastate.edu) is not currently recruiting any students.

Extreme Weather and Climate Variability

Prof. Christina Patricola (cmp28@iastate.edu) may seek a MS and/or PhD student for Fall 2024.

<https://faculty.sites.iastate.edu/cmp28/>

Geophysics and Seismology

Dr. Igor Beresnev (beresnev@iastate.edu) is not currently recruiting any students.

<https://faculty.sites.iastate.edu/beresnev/>

Glacial Geomorphology

Dr. Neal Iverson (niverson@iastate.edu) is not currently recruiting any students. <https://ge-at.iastate.edu/directory/neal-iverson/>

Human-Computer Interactions

Dr. Chris Harding (charding@iastate.edu) is not currently recruiting any students.

Land-Atmosphere Interactions

Dr. Ian Williams (inw@iastate.edu) is not currently recruiting any students.

<https://faculty.sites.iastate.edu/inw/>

Numerical Modeling

Dr. Xiaoqing Wu (wuxq@iastate.edu) is not currently recruiting any students.

<http://www.public.iastate.edu/~wuxq/homepage.html>

Paleoclimatology

Dr. Al Wanamaker (adw@iastate.edu) is not currently recruiting any students.

<https://siperg.las.iastate.edu/>

Structural Geology

Dr. Jacqueline Reber (jreber@iastate.edu) is recruiting two graduate students in Geology for Fall 2024. An MS student would investigate the impact of material mixtures on slip-dynamics with application to earthquake hazards. This position will be funded by a teaching assistantship and a research assistantship. A PhD student would perform experiments on the impact of heterogeneities on borehole breakouts and their implications for stress interpretations. This position will be funded by a teaching assistantship and a research assistantship pending funding.

<https://structure.ge-at.iastate.edu/>

Surface Water Hydrology

Dr. Kristie Franz (kfranz@iastate.edu) is recruiting an MS or PhD student in the Geology program for Fall 202. Possible projects include applications of satellite observations for flood threat analysis, modeling land use and climate change impacts on watersheds, and streamflow forecast system testing and development. The position would be funded by a teaching assistantship. <https://faculty.sites.iastate.edu/kfranz/projects>

Synoptic and Mesoscale Meteorology

Dr. Bill Gallus (wgallus@iastate.edu) is currently recruiting a PhD student in the Meteorology program for Spring, Summer, or Fall 2024. The student would perform very fine resolution model runs of tornadoes or using existing datasets from a collaborator at another institution. The project may require use of engineering numerical models like Fluent. This project would be funded by a research assistantship pending grant funding.

<https://faculty.sites.iastate.edu/wgallus/project/improved-understanding-nocturnal-mesoscale-convective-system-evolution>

The following faculty do not recruit graduate students: Dr. Jane Dawson, Mr. Dave Flory, Dr. Lindsay Maudlin, and Dr. Aaron Wood.