



# EEPS

## Earth & Planetary Opportunities in REsearch

# EXPLORE

Apply to Become an Undergraduate EEPS EXPLORER

*\*The EXPLORE Program is made possible through the Human Impacts on the Earth Endowment - a generous gift challenge initiated and supported by Mary Anne and William Dingus (BA '81) and many other generous donors.*

The Earth, Environmental and Planetary Sciences Department is excited to announce the new EXPLORE Program for Rice undergraduates interested in pursuing research or experiential education.

The EXPLORE program, enabled by the **Human Impacts on the Earth Endowment\***, is open to undergraduate students who want to contribute to scientific discovery through research to enhance their understanding and appreciation of the Earth, our solar system, and beyond. This opportunity is open to EEPS and ENVS majors and non-majors (including those outside of STEM fields).

Students accepted into the program will work with EEPS faculty or affiliates on research or experiential projects or internships, designed to enhance their knowledge of the field and understand the scientific challenges that we face today. Student projects can be tailored to suit student interests and may involve working in faculty labs, conducting field work, analyzing data sets of different types, or running numerical models of Earth and planetary processes.

**EXPLORERS may be eligible for financial support covering research costs, travel, and/or modest stipend.**

The scope and duration of individual research projects, and the requested budgets, will be determined jointly by the student and mentor, and reviewed by the EXPLORE Committee.

### EEPS Faculty Mentors and link to their research pages:



Jonathan Ajo-Franklin  
Emma Beer  
Rajdeep Dasgupta  
Sylvia G. Dee  
Tim Dienesch  
Melodie French  
Richard Gordon  
Helge Gonnermann  
Andre Izidoro

Cin-Ty Lee  
Adrian Lenardic  
Alan Levander  
Carrie Masiello  
Julia Morgan  
Fenglin Niu  
Kirsten Siebach  
Mark Torres  
Colin Zelt

*Eligibility requirements on reverse.*

# PROGRAM ELIGIBILITY:



- Has taken (or is currently enrolled in) at least one 3-credit hour EEPS 100-level course.
- Is a current Rice undergraduate student, enrolled full-time in a degree-granting program;
- Is in good academic standing.

# PROGRAM REQUIREMENTS:



- Participate in research support meetings and activities run by EEPS or EXPLORE Program advisor;
- Present your work during EEPS, Natural Sciences, or Rice undergraduate conferences;
- If possible, enroll in EEPS 481 under the supervision of your research mentor;
- Follow guidelines for responsible conduct of research relevant to your discipline;

# APPLICATION REQUIREMENTS:



- **Personal Interest Statement (~250 words):** Briefly summarize your interests in and motivation for doing research in EEPS, and what you hope to gain and contribute through the program. Indicate if there are specific topics in Earth, environmental and planetary sciences or types of research that you would prefer to get involved in.
- **Mentor Preferences:** (See list of EEPS faculty and areas of research);
- **Resume:** Include previous research and relevant experience, and related coursework;
- **Scan QR code to download the application. Submit all materials at the same time to Program contact:**
- **Website:** [EEPS.Rice.edu/EEPS.Explore.Research](https://EEPS.Rice.edu/EEPS.Explore.Research)



*EXPLORE Program Contact: Dr. Tim Diedesch (tdiedesch@rice.edu)*