

## Collaborative Learning

### National Science Foundation

#### Earth Sciences: Instrumentation and Facilities

*Deadline: Annually, August 8 and February 8*

The Instrumentation and Facilities Program in the Division of Earth Sciences (EAR/IF) supports meritorious requests within and across Earth science disciplines. EAR/IF will consider proposals for:

1. ***Acquisition or Upgrade of Research Equipment*** that will advance laboratory and field investigations, and student training opportunities in the Earth sciences;
2. ***Development of New Instrumentation, Analytical Techniques or Software*** that will extend current research and research training capabilities in the Earth sciences;
3. ***Support of National or Regional Multi-User Facilities*** that will make complex and expensive instruments or systems of instruments broadly available to the Earth sciences research and student communities;
4. ***Support of Research Technicians*** who will provide for optimal and efficient operation of advanced instrumentation, analytical protocol development, and user training for Earth science research instrumentation;
5. ***Development of Cyberinfrastructure for the Earth Sciences (Geoinformatics)*** that will enable transformative advances in Earth science research and education through novel application, development or adaptation of information technologies.

Planned research uses of requested instruments must include basic research on solid-Earth and surface-Earth processes.