WORKFORCE DEVELOPMENT PROGRAMS AT NSF

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1. Engage undergraduate students in *state of the art research* and all aspects of research;
2. EAR fosters the implementation of a *range of models*;
3. The majority of *the funds are to support participants*;
4. The *design of EAR REU sites* should be based on what known about research experiences for undergraduates;
5. Each REU site should have a *strong REU intellectual merit*;
6. The *recruitment plan* should guarantee that the pool of applicants will produce a diverse group of participants;
7. The goals of each REU site should aligned with a clear set of metrics that will be used *to evaluate the success*. 
GRADUATE RESEARCH FELLOWSHIP

Five Year Award – $138,000

- Three years of support
  - $34,000 Stipend per year
  - $12,000 Educational allowance to institution

- Professional Development Opportunities:
  - GROW: International Research
  - GRIP: Internships

- Supercomputer access: XSEDE
- Career-Life Balance Initiative (family leave)
1. Integrated program of independent research and education within the scope of EAR disciplines.

2. Fellowship program may be conducted at any appropriate U.S. or foreign host institution.

3. Be U.S. citizens or permanent residents of the USA;

4. Either currently be a graduate student or, have worked in a PhD position for less than 18 months full time;

5. 2 years long fellowships

6. Fellowships are awards to individuals, not institutions, and are administered by the Fellows.

7. $87,000 per year per fellowship (stipend-$62K, fellowship allowance $25K)
Primary goal: to increase the number of undergraduate students interested in pursuing undergraduate degrees and/or post-graduate degrees in geoscience

Two funding Tracks:
(1) Engaging students in the geosciences through extra-curricular experiences and training activities (GEOPATHS-EXTRA), and
(2) Improving pathways into the geosciences through institutional collaborations and transfer (GEOPATHS-IMPACT).
OTHER RELEVANT PROGRAMS

- International Research Experiences for Students (IRES)
- East Asia – Pacific Asia Summer Institutes (EAPSI)
- Partnerships for International Research and Education (PIRE)

- Tribal Colleges and Universities Partnerships for Geoscience Education (TCUP-PAGE)

- INCLUDES
  - Graduate Education