



Supporting International Collaborations for U.S. researchers

**Colloquium on International Engineering
Education
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National Science Foundation**

NSF International Objectives...

- A MEANS for advancing FRONTIER RESEARCH
- Provide ACCESS to sites, facilities, people, ideas
- Prepare a GLOBALLY ENGAGED U.S. S&E workforce
- Build and strengthen effective collaborations and institutional partnerships to address problems of a global/regional scale

Support for International Activities

- Part of new proposals to NSF disciplinary programs
- Supplements to existing NSF grants
- New proposals to Office of International Science and Engineering

Office of International Science and Engineering (OISE)

Key elements for OISE funding:

- Collaborative
- Synergistic
- Catalytic
- Junior researchers & students



International activities embedded in disciplinary programs

- Award to UIUC for work dealing with strain in thin metal films, collaborative with researchers at the Austrian Academy of Sciences. U.S. students will travel to Austria to conduct research with partners.

International activities embedded in disciplinary grants

- ▶ STEM Talent Expansion Program (STEP): Increasing the Representation of Women in STEM via a New Interdisciplinary Engineering Program at a Liberal Arts Women's College; Sweet Briar College (VA); develop engineering curriculum to construct solutions for village in Guatemala. Has helped recruitment.

OISE Solicitations

- Developing Global Scientists and Engineers: International Research Experiences for Students (IRES) and Doctoral Dissertation Enhancement Projects (DDEP)
- East Asia and Pacific Summer Institutes (EAPSI)
- International Research Fellowship Program (IRFP)
- Pan-American Advanced Studies Institutes (PASI)
- Partnerships for International Research and Education (PIRE)
- Planning Visits and Workshops



Thank you.

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