NSF’s Partnerships for International Research and Education (PIRE) program

Recognizing the value of international partnerships in addressing critical science and engineering questions, NSF established the Partnerships in International Research and Education (PIRE) program in 2005. PIRE is an NSF-wide program that supports fundamental, international research and education in physical, living, human, and engineered systems. PIRE awards enable research at the leading edge of science and engineering by facilitating partnerships with others nationally and internationally, by educating and preparing a diverse, world-class STEM workforce, and by fostering institutional capacity for international collaboration. This agenda is designed to encourage high-risk/high-reward activities and the pursuit of potentially transformative ideas.

International engagement will be critical to keeping the U.S. globally competitive at the frontiers of knowledge. As science and engineering expertise and infrastructure advance across the globe, it is expected that the U.S. will increasingly benefit from international collaborations and a globally engaged workforce leading to transformational science and engineering breakthroughs. Therefore, PIRE will promote cooperation among scientists and engineers from all nations, and will fund international collaborative activities through all areas of research supported by the NSF. NSF PIRE is also working with counterpart funding agencies to lower barriers to international collaboration for U.S scientists, engineers and students, and to encourage jointly funded, bilateral and multilateral projects.

This fifth round of the PIRE competition will be open to all areas of science and engineering research which are supported by the NSF (including Education research). Interdisciplinary proposals are encouraged.

PROGRAM OBJECTIVES:

- Support excellence in science and engineering research and education through international collaboration.
- Promote opportunities where international collaboration can provide unique advantages of scope, scale, flexibility, expertise, facilities, or access to phenomena, enabling advances that could not occur otherwise.
- Engage and share resources and research infrastructure within and across institutions to build strong international partnerships.
- Create and promote opportunities for students and early career researchers to participate in substantive international research experiences.

Go to FULL ANNOUNCEMENT for more details.

THIS IS A LIMITED SUBMISSION GRANT OPPORTUNITY. WSU is invited to nominate one WSU investigator by September 15, 2014. The Office of the Vice President for Research will accept notifications of interest from investigators and select the most competitive to go forward. The deadline for the external application is October 21, 2014 for the preliminary proposal (required) and May 15, 2015 for the full proposal.

To be considered for nomination by WSU, please send an email to rifs@wayne.edu with a research project summary no longer than one page, curriculum vitae, and a letter of support from your chair by 5PM on September 15, 2014.