

## 2019 NSE Grantees Conference

### The Globalization of Science and Engineering Research

Rebecca Keiser  
National Science Foundation



**Abstract:** The globalization of science and engineering research creates opportunities for the U.S. The presentation will discuss how NSF strives to keep the U.S. at the leading edge of discovery through active engagement in international collaboration. Dr. Keiser will discuss NSF criteria for international engagement and data on current international activity within the nanoscale science and engineering community. She will also introduce funding opportunities offered by the Office of International Science and Engineering.

**Brief Biography:** Rebecca Keiser was a special advisor for NASA's Innovation and Public-Private Partnerships, reporting to the NASA Administrator, and an executive-in-residence at American University. Prior to her current position, she held several positions with NASA, including associate deputy administrator for strategy and policy, associate deputy administrator for policy integration, executive officer to the deputy administrator, and chief of staff for the Exploration Systems Mission Directorate. Keiser also served as assistant to the director for international relations at the White House Office of Science and Technology Policy (OSTP), where she provided policy guidance to the President's science advisor. Keiser's experience covers science and technology policy, agreements and other cooperative efforts. She is a board member of Women in Aerospace and a member of the American Academy for the advancement of Science. She speaks Japanese and Spanish. Keiser earned a Bachelor of Arts degree in Japanese Studies from Wellesley College, a Master of Science degree in Politics of the World Economy from the London School of Economics, and a doctorate in International Studies from the University of South Carolina.