

# SENIOR FELLOWS



**Suresh V. Garimella, PhD**

Chief Global Affairs Officer

Goodson Distinguished Professor,  
Mechanical Engineering

Purdue University

ECPA Pillar of Concentration:  
Clean Energy

Languages: English

## FELLOW BIO: Suresh V. Garimella, PhD

### International Experience:

Dr. Garimella has served as Jefferson Science Fellow at the U.S. Department of State since August 2010, in the International Energy and Commodity Policy Office of the Economic Bureau. As a part of this Fellowship, he has explored pathways to a clean energy future, analyzing cross-cutting issues at the intersection of energy security and climate change. He coordinated the March 2011 Washington Energy Seminar, which is organized to brief officers across the U.S. Government on energy issues. As a member of the inter-agency roundtable working group on rare earth elements led by the White House Office of Science and Technology Policy, he contributed to formulating diplomatic and policy solutions to recent supply shortages of critical materials. He was the State Department delegate to the International Energy Agency. He also provided nanotechnology and energy expertise as a Member of the U.S. - Russia Bilateral Presidential Commission Science & Technology Working Group visit to Moscow in early 2011. Dr. Garimella has Guest Professorship appointments at the Technical University of Darmstadt in Germany, Xi'an Jiaotong University in China, and University of New South Wales in Australia.

### Areas of Expertise:

Dr. Garimella's areas of expertise include renewable and sustainable energy systems technology and policy, micro and nanoscale engineering, energy efficiency in computing systems and electronics, and curriculum innovation. He has supervised over 100 PhD and MS students, visiting scholars and post-docs, and has co-authored over 450 refereed journal and conference publications and 12 patents/patent applications. Since 1999, he has been the founding director of the National Science Foundation Cooling Technologies Research Center at Purdue University, where his research programs have included solar thermal systems, waste heat recovery and energy efficiency.

Dr. Garimella serves in editorial roles with a variety of scientific publications, including Applied Energy and the International Journal of Micro & Nanoscale Transport. He is a Fellow of the American Society of Mechanical Engineers. His efforts in research and engineering education have been recognized with the 2011 NSF Alexander Schwarzkopf Prize for Technological Innovation and the 2011 College of Engineering Mentoring Award, among others. He received his PhD from the University of California at Berkeley.

For more information contact  
Elizabeth Lopez:  
elopez@partners.net  
(202) 637-6201

The Senior ECPA Fellows Program is funded by the US Department of State and fellowships are coordinated in collaboration with US Embassies throughout Latin America and the Caribbean.

