

Professor Subra Suresh
Tan Chin Tuan Centennial Professorship [Engineering]

First appointment: From 15 May 2006 to 14 May 2008

Re-appointment: From 15 May 2008 to 14 May 2010



Director, US National Science Foundation.

- 2006 Honorary Doctorate in Engineering, Royal Institute of Technology (KTH), Stockholm, Sweden.
- 2006 First Acta Materialia Gold Medal Lecturer, Materials Research Society Fall meeting, Boston, MA, 27 November 2006.
- 2006 Honoree, Symposium on “Mechanical Properties of Small-Volume Structures and Biological Materials”, organized by former/current students, post-docs and collaborators, held at the American Academy of Arts and Sciences, Cambridge, MA, 28-29 November 2006.
- 2007 European Materials Medalist, 2007. Selected by the Federation of European Materials Societies (with membership from 24 European countries) for its highest and most prestigious award of a gold medal given every other year since 1993. First non-European scientist selected for this honor.
- 2007 Elected Member of the German Academy of Natural Sciences, Leopoldina.
- 2007 Elected Honorary Member (Foreign Member) of the Spanish Royal Academy of Sciences, in the fields of physical and chemical sciences.
- 2008 Eringen Medal. One of the highest and most prestigious prizes of the Society of Engineering Science, for “sustained outstanding contributions to engineering science”.
- 2008 Recipient of the Marston Medal, the highest honor given by the College of Engineering, Iowa State University.
- 2008 Inaugural Dow Lecturer in Material Science in support of society, University of California.
- 2009 Chang-Lin Tien Education Leadership Award, Asian Pacific Fund, San Francisco.
- 2009 Selected as the Campbell Memorial Lecturer and Awardee, American Society for Materials International.
- 2009 Kleigel Lecturer, California Institute of Technology, Pasadena.

RESEARCH / STUDIES

Completed:

1. Joint student supervision, Rosemary Zhang, Singapore-MIT Alliance (SMA) Student, Massachusetts Institute of Technology and National University of Singapore (co-supervised with Assoc Prof C.T. Lim), completed M.Eng. Degree, August 2007. She pursued Ph.D. at NUS as part of SMA.
2. Dr. Monica Diez Silva, currently GEM4 Post-doctoral Fellow, jointly supported by MIT and GEM4 at NUS, working on red blood cell mechanics and protein knock out experiments in the context of *P. falciparum* malaria. (Working in collaboration with Dr. Kevin Tan of NUS Yong Loo Lin School of Medicine and Assoc Prof C.T. Lim of NUS Faculty of Engineering.)
3. Dr. George Lykotrafitis, currently GEM4 Post-doctoral Fellow, jointly supported by MIT and GEM4 at NUS, working on computational modeling of the cytoskeleton of biological cells and interfaces with experiments. (Working in collaboration with Dr. J.N. Reddy of NUS Program in Engineering Science.)

Last Updated: October 2010