

# STANFORD SCHOOL OF MEDICINE PRESENTS

## 2009 SYMPOSIUM ON IMPROVING DIVERSITY IN GRADUATE EDUCATION

**Donna J. Nelson, Ph.D.**

Associate Professor of Chemistry  
University of Oklahoma



### Diversity in Science and Engineering Faculty at Research Universities: Are We Prepared for the "Great Crew Change"?

Dr. Donna J. Nelson's research areas are energy and scientific workforce development, and frequently speaks on their interrelationship. She has over 90 publications and several honors, including Fulbright Scholar, NSF ADVANCE Leadership Award, SACNAS Distinguished Scientist, Women's eNews, '21 Leaders for the 21<sup>st</sup> Century', AAAS Fellow, Guggenheim Award, NOW 'Woman of Courage', Ford Fellow, Sigma Xi Faculty Research Award, NSF Creativity Extension, and many keynote talks. Her chemical research involves functionalizing single walled carbon nanotubes (SWNTs), with applications in energy research and technology development, and yielded the first COSY NMR spectrum of covalently functionalized SWNTs. Her scientific workforce surveys, of faculty race/ethnicity, gender, and rank in science and engineering at research universities, revealed that women and minorities are much less represented among professors than degree recipients.

**Tuesday, April 14 • 9:30 am**

**Alway M-106**

**Stanford University School of Medicine  
Continental Breakfast Reception**



#### Additional Talks

**Monday, April 13 • 4:30 pm**

**Diversity in US research Universities: A  
Data-Driven Analysis of Science and  
Engineering**

**Braun Auditorium  
Diversity Week Session**

**Tuesday, April 14 • 4:15 pm**

**Comparing and Characterizing Single  
Walled Carbon Nanotubes**

**Braun Auditorium  
Chemistry Department Seminar**

Sponsors: SoM Office for Graduate Education, Genetics and Genomics Diversity Program, H&S Department of Chemistry, and the SU Graduate Student Council Diversity Committee. Q: tenea@stanford.edu, x42815