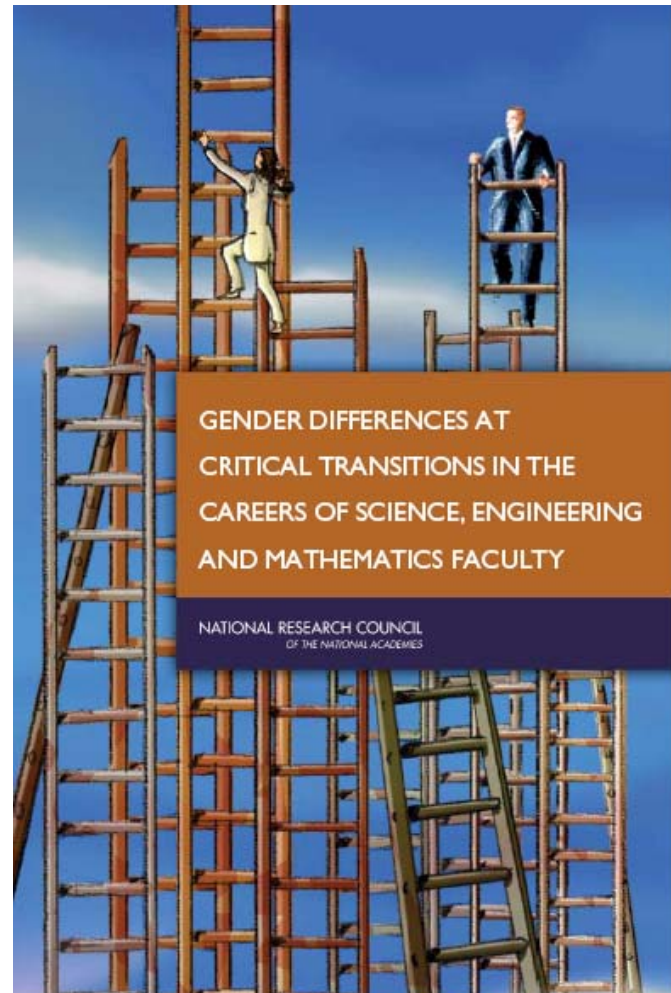


# **Committee on Women in Science, Engineering, and Medicine (CWSEM)**



## Report of the National Research Council

- Began Jan 2004
- Released June 2009
- Published book 2010





# 2008 Workshop

- *Women in Science, Engineering, and Medicine: Critical Transition Points for Achieving and Sustaining Careers in Academia and Industry*
- **Key themes from workshop:**
  - Extended (and increasing) length of time between completion of a BS to receiving a tenure track position
  - 21st century societal problems (including energy, environment, water, food, healthcare) will require scientists, engineers, and medical professionals' contributions in many different domains, many of which are multi-disciplinary and involve academia, industry, and government working together; it will be important to make sure women are not left out.



# 2009 Workshop

- *From Science to Business: How to Prepare Female Scientists and Engineers to Successfully Transition into Entrepreneurship*
- **Topics discussed:**
  - Careers in biotech
  - Careers in pharmaceutical companies
  - Education to prepare for entrepreneurial careers
  - Alternative Forms of Entrepreneurships: Intrapreneurship in Corporations and Government, and Social Entrepreneurship



# Exploring Gender and the Postdoc

- First is to look the larger context of the whole system consisting of the work life piece, the job itself, the education, mentoring, and training to prepare for a career, and the availability of academic and other positions.
- Second is more immediate, in order not to lose our current postdocs from the science, engineering, and medicine enterprise -- how do we expose them to the careers outside of academia and train them to be successful.

# Backup material on CWSEM



# Current Members:

- **Lilian Wu**, *Chair*, Program Executive, University Relations, IBM
- **Alice Agogino**, Professor, Mechanical Engineering, University of California, Berkeley
- **Florence Bonner**, Professor and Chairperson, Department of Sociology and Anthropology, Howard University
- **Allan Fisher**, President and CEO, iCarnegie, Inc.
- **Lydia Villa-Komaroff**, CEO, Cytonone, Inc.
- **June Osborn**, President Emerita, Josiah Macy, Jr. Foundation
- **Vivian Pinn**, Director, Office of Research on Women's Health, National Institutes of Health
- **Pardis Sabeti**, Assistant Professor, Harvard University
- **Warren Washington**, Senior Scientist and Section Head, National Center for Atmospheric Research
- **Susan Wessler**, Regents Professor, Department of Plant Biology, University of Georgia



# Purpose of the Committee:

- A standing committee of the National Research Council (NRC)
- Collects and disseminates information on the education and employment of women scientists and engineers, and recommends ways to enhance women's advancement
- Activities include an agenda of study projects; disseminating data on the Internet and at professional meetings; and serving as an information resource for the national media as well as a liaison to other national organizations