

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
April 11–12
Stafford I, Room 1235



DAY 1 **WEDNESDAY, APRIL 11, 2012**

11:30 – 11:45 *Registration and Light Refreshments*

11:45 – 12:00 **Welcome, Introduction, and Agenda**
Ilesanmi Adesida, ENG Advisory Committee Chair

12:00 – 1:00 **Directorate for Engineering Update and Strategic Activities**
Thomas Peterson, NSF Assistant Director for Engineering

1:00 – 2:00 **Welcome and Charge to the Committee**
Subra Suresh, NSF Director
Cora Marrett, NSF Deputy Director

2:00 – 2:15 *Break*

2:15 – 5:30 **Developing Next-generation Engineers**
Facilitation by Roger Burton
Introduction by Theresa Maldonado, Director, Division of Engineering Education and
Centers, ENG

Special Guests include:

Norman Fortenberry, Executive Director, American Society for Engineering Education

Jim Lightbourne, Division Director, Division of Graduate Education, Directorate for
Education and Human Resources (EHR)

Don Millard, Program Director, Division of Undergraduate Education, EHR

Muriel Poston, Division Director, Division of Human Resource Development, EHR
Member(s) of industry

5:30 – 6:00 **Discussion on Engineering Strategic Activities**

6:00 *Adjourn*

6:30 *Dinner at Bangkok Bistro – 715 N. Glebe; Arlington, Va.*

Directorate for Engineering (ENG) Advisory Committee Meeting
National Science Foundation
April 11–12
Stafford I, Room 1235



DAY 2 **THURSDAY, APRIL 12, 2012**

7:45 – 8:00 *Light Refreshments*

8:00 – 8:15 **Building a System for Evaluation and Assessment**
Introduction by Kesh Narayanan, Deputy Assistant Director, ENG, and
Steven McKnight, Director, Division of Civil, Mechanical, and Manufacturing Innovation,
ENG

8:15 – 8:45 **The Role of the Lattes Platform in the Brazilian Innovation System**
Roberto Pacheco, Professor, Federal University of Santa Catarina; and Lead Researcher,
Stela Institute, Florianopolis, Santa Catarina, Brazil

8:45 – 9:00 **STAR METRICS**
Julia Lane, Senior Managing Economist, American Institutes for Research

9:00 – 9:10 **Demonstration of the COV Module of Portfolio Explorer**
Steven McKnight, Director, Division of Civil, Mechanical, and Manufacturing Innovation,
ENG

9:10 – 9:40 Discussion on National Systems for Evaluation and Assessment

9:40 – 9:55 *Break*

9:55 – 10:25 **NSF-wide Evaluation and Assessment Strategy**
Pamela O’Neil, Staff Associate, Office of Integrative Activities

10:25 – 10:55 **Strategy for Evaluation and Assessment in Engineering**
Alexandra Medina-Borja, Program Director for Evaluation and Assessment, Office of the
Assistant Director, ENG

10:55 – 11:25 Discussion on NSF and Engineering Systems and Strategy for Evaluation and Assessment

11:25 – 12:10 Discussion on ENG Strategic Activities and AdCom Decisions and Recommendations

12:10 – 12:25 Closing Remarks and Wrap Up

12:25 *Adjourn*