

**NATIONAL SCIENCE BOARD-SPONSORED WORKSHOP
ON TRANSFORMATIVE RESEARCH**

KEY FACTORS IN IDENTIFYING AND FOSTERING TRANSFORMATIVE SCIENCE

**Santa Fe Institute
Santa Fe, New Mexico
December 15-16, 2005**

AGENDA

Thursday, December 15, 2005

8:00 p.m. – 9:30 p.m. **Registration and Reception at Hotel Santa Fe**

Friday, December 16, 2005

8:00 a.m. – 8:30 a.m. **Registration**

8:30 a.m. – 8:40 a.m. **Welcoming Remarks**

- Dr. Nina Fedoroff, Chair, Task Force on Transformative Research, NSB

8:40 a.m. – 9:00 a.m. **Introduction and Overview, Noyce Room**

- Dr. Michael Crosby, Executive Officer, NSB
 - NSB-Sponsored Workshop Process
- Dr. Fedoroff, Workshop Chair
 - Purpose of the Workshop
 - Brief Overview of Transformative Research
 - Summaries of Previous Transformative Research Workshops: Santa Fe (September 2004) and Arlington (August 2005)
 - Self-Introduction of Workshop Participants

9:00 a.m. – 10:00 a.m. **Session I – Projects, Peer Review, and Assessment**

- Dr. Edward Hackett
- Dr. Melvin Mark

10:00 a.m. – 10:15 a.m. **Break**

- 10:15 a.m. – 11:15 a.m. **Session II – People, Ideas, and Networks**
- Dr. Lee Fleming
 - Dr. James Reichman
- 11:15 a.m. – 12:15 p.m. **Session III – Institutions**
- Dr. Rogers Hollingsworth
- 12:15 p.m. – 1:00 p.m. **Lunch, Corridor Area**
- 1:00 p.m. – 3:00 p.m. **Breakout Sessions***
(See: Workshop Binder Tabs 4 and 5 for Breakout Session topics/themes and Breakout Session participant list.)
- Breakout Group A, Noyce Room
 - Breakout Group B, Medium Room
 - Breakout Group C, President’s Conference Room
- 3:00 p.m. – 3:15 p.m. **Break**
- 3:15 p.m. – 4:15 p.m. **Plenary Session Reports from Breakout Groups, Noyce Room**
(5 -minute reports from Breakout Session: Groups A, B, C each; and 45 -minute plenary discussion)
- 4:15 p.m. – 4:30 p.m. **Summaries of Discussions and Next Steps for the Task Force**
- Dr. Fedoroff
 - Dr. Crosby

*Each Breakout Group will include NSB Members, task force members, invited speakers, and workshop participants. All sessions are open to the public.