

# USING NSF AND OTHER DATA CREATIVELY TO ANALYZE THE S&E JOB MARKET

**The Science and Engineering Workforce Project**  
of the National Bureau of Economic Research

**Sponsored by the Alfred P. Sloan Foundation**

May 28, 2004

Richard B. Freeman and Daniel L. Goroff: Organizers

**The National Science Foundation,**

4201 Wilson Boulevard, Arlington VA, Meeting Room 375

## PROGRAM

**THURS MAY 27, 2004** 6pm - DINNER, Dan and Brad's (in the Hilton Arlington & Towers), 950 North Stafford St. Arlington.

**FRIDAY MAY 28, 2004** NSF 4201 Wilson Boulevard, Arlington VA. Meeting Room 375.

Enter NSF through **North Side Lobby**. Have a picture ID ready and pick up your visitors pass.

8:30-9am COFFEE and PASTRIES

9-10:30am **DISCUSSION OF USE OF NSF CONFIDENTIAL FILES:** Chair, Paula Stephan

### PART I: SHORT PRESENTATION OF PAPERS USING NSF CONFIDENTIAL DATA

**Keith Bender** (paper joint with John Heywood) - "Job Satisfaction and the Highly Educated: The Role of Gender, Academic Tenure, and Comparison Income"

**Catherine Weinberger** (paper joint with Peter Kuhn) - "The Narrowing of the U.S. Gender Earnings Gap, 1969-1999: A Cohort-Based Analysis"

**George Borjas** - "The Impact of Foreign Students on the Earnings of Doctorates"

**Shulamit Kahn** (paper joint with Donna K. Ginther) - "Women and Economics: Moving Up or Falling off the Academic Career Ladder?"

**Peter Orazem** (paper joint with Moohoun Song) - "Returns to Graduate and Professional Education: The Roles of Mathematical & Verbal Skills by Major"

### PART II: DISCUSSION OF HOW TO MAXIMIZE THE USE OF THE DATA

10:30-11am BREAK

11-12:30pm **ENVIRONMENTAL SCIENCE CAREER SURVEY** - Chair, Richard B. Freeman

Key Issues: **David Blockstein** - "Campus to Careers: The Career Paths of Alumni of Interdisciplinary Environmental Programs"

Tentative Questionnaire: **Richard B. Freeman**

Email prompting: **Geoff Davis**

Longitudinal Problems: **Catherine Weinberger; Charles Brown; Anne Preston**

12:30-1:30 LUNCH

1:30-2:30 **ANALYSIS OF STUDENT INFLOW INTO MATHEMATICS** - Chair, Daniel L. Goroff

**Phillip M. Sadler** - "Factors Influencing College Success in Mathematics (FICSMath)"

With conference call participation by representatives of the Survey's Advisory Board and others:

**Donald Albers**, Mathematics Association of America

**Andrew Gleason**, Harvard University

**James Maxwell**, American Mathematical Society

2:30-2:45 BREAK

2:45-3:45 **DISCUSSION OF NBER CONFERENCE / OTHER INITIATIVES**

**Richard B. Freeman, Daniel L. Goroff, Tanwin Chang**

3:45pm ADJOURN

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## PARTICIPANT LIST

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