

USING NSF AND OTHER DATA CREATIVELY TO ANALYZE THE SE 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

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 Evolution 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 - "Returns to Graduate and Professional Education: The Roles of Mathematical and Verbal Skills by Major"

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

11-12:30pm **ENVIRONMENTAL SCIENCE CAREER SURVEY**

Key Issues: **David Blockstein**

Basic information; the number of environmental majors

Survey Design: Unique – link of careers to education

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 - "Briefing on a Proposed Survey of College Mathematics Students"

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

Clifford Adelman, National Center for Educational Statistics

Sol Garfundel, Consortium for Mathematics and its Applications

Andrew Gleason, Harvard University

Edward Joyce, Boston Public Schools

James Maxwell, American Mathematical Society

Jeanne Narum, Project Kaleidoscope

Elaine Seymour, University of Colorado, Boulder

Uri Treisman, University of Texas at Austin

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**

USING NSF AND OTHER DATA CREATIVELY TO ANALYZE THE SE 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

PARTICIPANT LIST

James Adams
Elaine Bernard

Keith Bender
David Blockstein
Grant Black

George Borjas
John Bound
Charles Brown
Lynda T. Carlson

Tanwin Chang
Geoff Davis
Richard B. Freeman
Daniel L. Goroff
John Heywood
Shulamit B. Kahn
Sharon Levin
Ronald Oaxaca
Peter Orazem

Anne Preston
Phillip M. Sadler
Paula Stephan
Albert Sumell
Michael Teitelbaum
Nidhi Thakur
John Trumbour
Sarah Turner
Catherine Weinberger
Elaine Zanutto

Rensselaer Polytechnic Institute and NBER
Harvard University, Executive Director, Trade Union Program and Labor and Worklife Program at the Harvard Law School
University of Wisconsin - Milwaukee, Department of Economics
National Council for Science and the Environment, Senior Scientist
Georgia State University, Senior Research Associate, Andrew Young School of Policy Studies
Harvard University, John F. Kennedy School of Government and NBER
University of Michigan, Department of Economics, and NBER
University of Michigan, Department of Economics, and NBER
National Science Foundation, Division Director, Social, Behavioral and Economic Sciences, Science Resource Statistics
Harvard University and NBER, Policy Analyst
Sigma Xi, The Scientific Research Society, Visiting Scholar
Harvard University, Department of Economics and NBER
Harvard University, Department of Mathematics
University of Wisconsin - Milwaukee, Department of Economics
Boston University, School of Management
University of Missouri, St. Louis, Dept of Economics, & Director of Grad. Studies
University of Arizona, Department of Economics
Iowa State University, Director, Industrial Relations Program and Co-Director, Institute of Science and Society
Haverford College, Department of Economics
Harvard University, Harvard-Smithsonian Center for Astrophysics
Georgia State University, Andrew Young School of Policy Studies
Georgia State University, Department of Economics
Alfred P. Sloan Foundation, Program Director
University of Arizona, Department of Economics
Harvard University Law School, Research Director, Labor and Worklife Program
University of Virginia, Dept of Education and Economics
UC, Santa Barbara, Institute for Social, Behavioral and Economic Research
University of Pennsylvania, Wharton School, Department of Statistics