

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Board on Science Education
Division of Behavioral and Social Sciences and Education

Agenda
Graduate Training in the Social and Behavioral Sciences: A Workshop

DAY 1: Thursday, June 8th

- 8:00 *Registration, Breakfast and coffee*
- 9:00 **Welcome and Workshop Overview**
Heidi Schweingruber, Director, Board on Science Education
Robert Kaplan (Chair), Research Director, Clinical Excellence Research Center, Stanford University
- 9:15 **Speaker: Overview of the Problem**
Alan Leshner, Chief Executive Officer Emeritus of the AAAS
- 10:00 **Framing Presentation: NSF Survey Data of Earned Doctorates**
Fay Lomax Cook, Assistant Director, National Science Foundation; Director, Social, Behavioral & Economic Sciences Directorate, National Science Foundation
Robert Kaplan (Chair), Research Director, Clinical Excellence Research Center, Stanford University
- 10:45 **Interactive Break**
Using index cards write down some goals for revamping graduate programs
- 11:00 **Panel Session: Recent Doctoral Graduates**
Moderator: *Chris Chapman, Quantitative Experience Researcher, Google*
Panelists:
 - *Aviva Aron-Dine, Senior Fellow and Senior Counselor, Center on Budget and Policy Priorities*
 - *Lauren Coyle, Assistant Professor of Anthropology, Princeton University*
 - *Fred Leach, Director, Marketing Science Research & Development, Facebook*
 - *Justin Hepler, Quantitative UX Researcher, Facebook*
- 12:00 **Lunch**
- 1:00 **Breakout Session: Brainstorm Solutions to Key Issues**

- Group 1: Interdisciplinary training (Facilitator: Ellen Konar)
- Group 2: Statistical literacy (Facilitator: Amanda Bayer)
- Group 3: Methodological literacy (Facilitator: Rachel Dwyer)
- Group 4: Team Science (Facilitator: James Jackson)
- Group 5: Preparation for non-university employment (Facilitator: Peter Zandan)

2:30

Panel Session: Academia

Moderator: Amanda Bayer, *Visiting Senior Advisor, Board of the Federal Reserve System; Professor of Economics, Swarthmore College*

Panelists:

- Daniel Denecke, *Vice President, Best Practices and Strategic Initiatives, Council of Graduate Schools*
- Nicholas Dirks, *Chancellor, University of California, Berkeley*
- Mark Wallace, *Dean of the Graduate School, Louise B. McGavock Endowed Chair, Professor of Hearing & Speech Sciences, Psychology and Psychiatry, Vanderbilt University*

3:30

Interactive Break

Using index cards identify ways that programs could be innovative in tackling issues of inequality

3:45

Panel Session: Key Issues Across Sectors

Moderator: Ellen Konar, *Chairman of the Board of Mindset Works*

Panelists:

- Hal Varian, *Chief Economist, Google*
- David Yokum, *Director, The Lab @ DC; Senior Policy Advisor, Office of the City Administrator, Government of the District of Columbia*
- Rachel Kleinfeld (virtually), *Senior Fellow, Democracy and Rule of Law Program, Carnegie Endowment for International Peace*

4:45

Open Discussion: *What should be the priorities for funding? Do we put money into graduate training? Should it go into postdocs?*

Facilitator: James Jackson, *Daniel Katz Distinguished University Professor of Psychology; Professor of Health Behavior and Health Education, School of Public Health; Director of the Institute for Social Research, University of Michigan*

5:15

Wrap up and summarize major messages/ideas from the day

5:30

Adjourn

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Board on Science Education
Division of Behavioral and Social Sciences and Education

Agenda
Graduate Training in the Social and Behavioral Sciences: A Workshop

DAY 2: Friday, June 9th

- 8:30 *Breakfast and coffee available*
- 9:00 **Welcome:** Overview of Day 1 and Preview of Day 2
Robert Kaplan (Chair), *Research Director, Clinical Excellence Research Center, Stanford University*
- 9:15 **Outcomes from Interactive Breaks:** Goals for Graduate Programs and Innovative Solutions to Address Inequality
Discussant: Rachel Dwyer and Amanda Bayer
- 9:30 **Panel Session: Preparation for Available Pathways and Trajectories**
Moderator: Rachel Dwyer, *Associate Professor and Director of Graduate Studies, The Ohio State University*
- Panelists:
- Nancy Cooke, *Professor and Program Chair, Human Systems Engineering, Arizona State University*
 - Carol Fierke, *Dean of Rackham Graduate School; Vice Provost for Academic Affairs, University of Michigan, Ann Arbor*
 - John Jackson, Jr., *Richard Perry University Professor; Dean, School of Social Policy & Practice (SP2), University of Pennsylvania*
 - Arthur 'Skip' Lupia, *Research Professor, Center for Political Studies; Hal R. Varian Professor, Department of Political Science, University of Michigan*
 - Keith Whitfield, *Provost, Wayne State University*
- 11:00 **Coffee Break**
- 11:15 **Panel Session: Data Analytics**
Moderator: Peter Zandan, *Global Vice Chairman, Research+Data Insights*
- Panelists:
- Christopher Bail, *Douglas and Ellen Lowey Associate Professor of Sociology and Public Policy, Duke University*

- William Reilly, *Associate Director, Behavioral and Social Sciences Research; Director, Office of Behavioral and Social Sciences Research, National Institutes of Health*

12:00 **Lunch**

1:00 **Report out from Day 1 Breakout Groups**

One member from each group report back main bullet points followed by open discussion

1:30 **Open Discussion:** *What should the curriculum of the future look like? Imagine it is 2025, is current curriculum the right one? What does the curriculum need to look like for 2031?*

Facilitator: Ellen Konar, *Chairman of the Board of Mindset Works*

2:15 **Implications for Funding**

Facilitator: James Jackson, *Daniel Katz Distinguished University Professor of Psychology; Professor of Health Behavior and Health Education, School of Public Health; Director of the Institute for Social Research, University of Michigan*

- Fay Lomax Cook, *Assistant Director, National Science Foundation; Director, Social, Behavioral & Economic Sciences Directorate, National Science Foundation*
- William Riley, *Associate Director, Behavioral and Social Sciences Research; Director, Office of Behavioral and Social Sciences Research, National Institutes of Health*
- William Klein, *Associate Director, Behavioral Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute*

2:45 **Wrap up Major Messages**

3:00 **Adjourn**