

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	<i>Registration, Breakfast and coffee</i>
9:00	Welcome and Workshop Overview Heidi Schweingruber, <i>Director, Board on Science Education</i>
	Robert Kaplan (Chair), <i>Research Director, Clinical Excellence Research Center, Stanford University</i>
9:15	Speaker: Overview of the Problem Alan Leshner, <i>Chief Executive Officer Emeritus of the AAAS</i>
10:00	Framing Presentation: NSF Survey Data of Earned Doctorates Fay Lomax Cook, <i>Assistant Director, National Science Foundation; Director, Social, Behavioral & Economic Sciences Directorate, National Science Foundation</i>
	Robert Kaplan (Chair), <i>Research Director, Clinical Excellence Research Center, Stanford University</i>
10:45	Interactive Break <i>Using index cards write down some goals for revamping graduate programs</i>
11:00	Panel Session: Recent Doctoral Graduates <u>Moderator:</u> Chris Chapman, <i>Quantitative Experience Researcher, Google</i>
	<u>Panelists:</u> <ul style="list-style-type: none">• Aviva Aron-Dine, <i>Senior Fellow and Senior Counselor, Center on Budget and Policy Priorities</i>• Lauren Coyle, <i>Assistant Professor of Anthropology, Princeton University</i>• Fred Leach, <i>Director, Marketing Science Research & Development, Facebook</i>• Justin Hepler, <i>Quantitative UX Researcher, Facebook</i>
12:00	Lunch
1:00	Breakout Session: Brainstorm Solutions to Key Issues

	<ul style="list-style-type: none"> • <u>Group 1</u>: Interdisciplinary training (Facilitator: Ellen Konar) • <u>Group 2</u>: Statistical literacy (Facilitator: Amanda Bayer) • <u>Group 3</u>: Methodological literacy (Facilitator: Rachel Dwyer) • <u>Group 4</u>: Team Science (Facilitator: James Jackson) • <u>Group 5</u>: Preparation for non-university employment (Facilitator: Peter Zandan)
2:30	<p>Panel Session: Academia</p> <p><u>Moderator</u>: Amanda Bayer, <i>Visiting Senior Advisor, Board of the Federal Reserve System; Professor of Economics, Swarthmore College</i></p> <p><u>Panelists</u>:</p> <ul style="list-style-type: none"> • Daniel Denecke, <i>Vice President, Best Practices and Strategic Initiatives, Council of Graduate Schools</i> • Nicholas Dirks, <i>Chancellor, University of California, Berkeley</i> • Mark Wallace, <i>Dean of the Graduate School, Louise B. McGavock Endowed Chair, Professor of Hearing & Speech Sciences, Psychology and Psychiatry, Vanderbilt University</i>
3:30	<p>Interactive Break</p> <p><i>Using index cards identify ways that programs could be innovative in tackling issues of inequality</i></p>
3:45	<p>Panel Session: Key Issues Across Sectors</p> <p><u>Moderator</u>: Ellen Konar, <i>Chairman of the Board of Mindset Works</i></p> <p><u>Panelists</u>:</p> <ul style="list-style-type: none"> • Hal Varian, <i>Chief Economist, Google</i> • David Yokum, <i>Director, The Lab @ DC; Senior Policy Advisor, Office of the City Administrator, Government of the District of Columbia</i> • Rachel Kleinfeld (virtually), <i>Senior Fellow, Democracy and Rule of Law Program, Carnegie Endowment for International Peace</i>
4:45	<p>Open Discussion: What should be the priorities for funding? Do we put money into graduate training? Should it go into postdocs?</p> <p><u>Facilitator</u>: James Jackson, <i>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</i></p>
5:15	<p>Wrap up and summarize major messages/ideas from the day</p>
5:30	<p>Adjourn</p>

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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, *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**