

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

Lecture Room, NAS Building
2101 Constitution Ave NW
Washington, DC 20418

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	Plenary Speaker: <i>The Future of Graduate Training in the Social and Behavioral Sciences</i> Alan Leshner, <i>Chief Executive Officer Emeritus of the AAAS</i>
10:00	Framing Presentation: <i>Pipelines and Pathways for SBE Doctoral Recipients: PhD Production and Employment Patterns</i> 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 Discussion: <i>Reflections from Recent Doctoral Candidates</i> <u>Moderator:</u> Chris Chapman, <i>Quantitative Experience Researcher, Google</i> Panelists: <ul style="list-style-type: none">• Justin Hepler, <i>Quantitative UX Researcher, Facebook</i>• Fred Leach, <i>Director, Marketing Science, Research & Development, Facebook</i>• Dmitry Tumin, <i>Director of Research, Department of Anesthesiology and Pain Medicine, Nationwide Children's Hospital; Adjunct Assistant Professor, Department of Pediatrics, The Ohio State University</i>• Megan Walsh, <i>Associate Manager, TV Panel Behavioral Methods Data Science, Nielsen</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, <i>Chairman of the Board of Mindset Works</i>) • <u>Group 2:</u> Statistical literacy (Facilitator: Amanda Bayer, <i>Visiting Senior Advisor, Board of Governors of the Federal Reserve System; Professor of Economics, Swarthmore College</i>) • <u>Group 3:</u> Methodological literacy (Facilitator: Rachel Dwyer, <i>Associate Professor and Director of Graduate Studies, The Ohio State University</i>) • <u>Group 4:</u> Team Science (Facilitator: Kara Hall, <i>Director, Science of Team Science; Director, Theories Initiative, NIH</i>) • <u>Group 5:</u> Preparation for non-university employment (Facilitator: Peter Zandan, <i>Global Vice Chairman, Research+Data Insights</i>)
2:30	Panel Discussion: Perspectives on the Future of Graduate Training from Academic Leaders <u>Moderator:</u> Amanda Bayer, <i>Visiting Senior Advisor, Board of Governors of the Federal Reserve System; Professor of Economics, Swarthmore College</i>
	<u>Panelists:</u> <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> • Chase Robinson, <i>President and Distinguished Professor of History, The Graduate Center of the City University of New York</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	Interactive Break <i>Using index cards identify ways that programs could be innovative in tackling issues of inequality</i>
3:45	Panel Discussion: Preparation for Careers across Sectors <u>Moderator:</u> Ellen Konar, <i>Chairman of the Board of Mindset Works</i>
	<u>Panelists:</u> <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 **Open Discussion:** *What should be the priorities for funding? How can public and private agencies assure the development of the next generation of well-prepared behavioral and social scientists?*
Facilitator: Robert Kaplan (Chair), *Research Director, Clinical Excellence Research Center, Stanford University*

5:15 **Wrap up and Major Messages Summary**
Robert Kaplan (Chair), Research Director, Clinical Excellence Research Center, Stanford University

5:30 **Adjourn**

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DAY 2: Friday, June 9th

8:30	<i>Breakfast and coffee available</i>
9:00	Welcome, Day 1 Overview, and Preview of Day 2 <i>Robert Kaplan (Chair), Research Director, Clinical Excellence Research Center, Stanford University</i>
9:15	Outcomes from Interactive Breaks: Goals for Graduate Programs and Innovative Solutions to Address Inequality <i>Discussant: Amanda Bayer, Visiting Senior Advisor, Board of Governors of the Federal Reserve System; Professor of Economics, Swarthmore College</i>
9:30	Panel discussion: Preparation for Available Pathways and Trajectories <i>Moderator: Rachel Dwyer, Associate Professor and Director of Graduate Studies, The Ohio State University</i>
	Panelists: <ul style="list-style-type: none">• Nancy Cooke, <i>Professor and Program Chair, Human Systems Engineering, Arizona State University</i>• Carol Fierke, <i>Dean of Rackham Graduate School; Vice Provost for Academic Affairs, University of Michigan, Ann Arbor</i>• John Jackson, Jr., <i>Richard Perry University Professor; Dean, School of Social Policy & Practice (SP2), University of Pennsylvania</i>• Arthur 'Skip' Lupia, <i>Research Professor, Center for Political Studies; Hal R. Varian Professor, Department of Political Science, University of Michigan</i>• Keith Whitfield, <i>Provost, Wayne State University</i>
11:00	Coffee Break

11:15	<p>Panel Discussion: <i>Data Analytics and the Social/Behavioral Science Professional</i></p> <p><u>Moderator:</u> Peter Zandan, <i>Global Vice Chairman, Research+Data Insights</i></p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> • Christopher Bail, <i>Douglas and Ellen Lowey Associate Professor of Sociology and Public Policy, Duke University</i> • Michelle Gill (virtually), <i>Senior Data Scientist, Metis</i> • Sehreen Noor Ali, <i>VP of Business Development & Corporate Partnerships, Metis</i> • William Riley, <i>Associate Director, Behavioral and Social Sciences Research; Director, Office of Behavioral and Social Sciences Research, National Institutes of Health</i>
12:00	Lunch
1:00	<p>Report out from Day 1 Breakout Groups</p> <p>One member from each group report back main bullet points followed by open discussion</p>
1:30	<p>Open Discussion: <i>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?</i></p> <p><u>Facilitator:</u> Ellen Konar, <i>Chairman of the Board of Mindset Works</i></p>
2:15	<p>Reflections from Sponsoring Agencies</p> <p><u>Facilitator:</u> Robert Kaplan (Chair), <i>Research Director, Clinical Excellence Research Center, Stanford University</i></p> <ul style="list-style-type: none"> • Fay Lomax Cook, <i>Assistant Director, National Science Foundation; Director, Social, Behavioral & Economic Sciences Directorate, National Science Foundation</i> • William Riley, <i>Associate Director, Behavioral and Social Sciences Research; Director, Office of Behavioral and Social Sciences Research, National Institutes of Health</i> • William Klein, <i>Associate Director, Behavioral Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute</i>
2:45	<p>Wrap up Major Messages</p> <p>Robert Kaplan (Chair), <i>Research Director, Clinical Excellence Research Center, Stanford University</i></p>
3:00	Adjourn