The National Academies of  
SCIENCE • 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  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  Plenary Speaker: The Future of Graduate Training in the Social and Behavioral Sciences  
Alan Leshner, Chief Executive Officer Emeritus of the AAAS

10:00  Framing Presentation: Pipelines and Pathways for SBE Doctoral Recipients: PhD Production and Employment Patterns  
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 Discussion: Reflections from Recent Doctoral Candidates  
Moderator: Chris Chapman, Quantitative Experience Researcher, Google

Panelists:  
- Justin Hepler, Quantitative UX Researcher, Facebook  
- Fred Leach, Director, Marketing Science, Research & Development, Facebook  
- Dmitry Tumin, Director of Research, Department of Anesthesiology and Pain Medicine, Nationwide Children’s Hospital; Adjunct Assistant Professor, Department of Pediatrics, The Ohio State University  
- Megan Walsh, Associate Manager, TV Panel Behavioral Methods Data Science, Nielsen
1:00 Breakout Session: *Brainstorm Solutions to Key Issues*

- **Group 1:** Interdisciplinary training
  (Facilitator: Ellen Konar, Chairman of the Board of Mindset Works)
- **Group 2:** Statistical literacy
  (Facilitator: Amanda Bayer, Visiting Senior Advisor, Board of Governors of the Federal Reserve System; Professor of Economics, Swarthmore College)
- **Group 3:** Methodological literacy
  (Facilitator: Rachel Dwyer, Associate Professor and Director of Graduate Studies, The Ohio State University)
- **Group 4:** Team Science
  (Facilitator: Kara Hall, Director, Science of Team Science; Director, Theories Initiative, NIH)
- **Group 5:** Preparation for non-university employment
  (Facilitator: Peter Zandan, Global Vice Chairman, Research+Data Insights)

2:30 Panel Discussion: *Perspectives on the Future of Graduate Training from Academic Leaders*

Moderator: Amanda Bayer, Visiting Senior Advisor, Board of Governors 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
- Chase Robinson, President and Distinguished Professor of History, The Graduate Center of the City University of New York
- 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 Discussion: *Preparation for Careers 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? 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**
DAY 2: Friday, June 9th

8:30  Breakfast and coffee available

9:00  **Welcome, Day 1 Overview, 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: Amanda Bayer, Visiting Senior Advisor, Board of Governors of the Federal Reserve System; Professor of Economics, Swarthmore College

9:30  **Panel discussion: 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 Discussion: Data Analytics and the Social/Behavioral Science Professional**  
**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*
- Michelle Gill (virtually), *Senior Data Scientist, Metis*
- Sehreen Noor Ali, *VP of Business Development & Corporate Partnerships, Metis*
- William Riley, *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  **Reflections from Sponsoring Agencies**  
**Facilitator:** Robert Kaplan (Chair), *Research Director, Clinical Excellence Research Center, Stanford University*

- 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**  
Robert Kaplan (Chair), *Research Director, Clinical Excellence Research Center, Stanford University*

3:00  **Adjourn**