

Planning Meeting on Interdisciplinary Science Teams

Board on Behavioral, Cognitive, and Sensory Sciences
Division of Behavioral and Social Sciences and Education
National Research Council

AGENDA January 11, 2013

National Academy of Sciences
2101 Constitution Avenue, NW
Room 125
Washington, DC

Meeting Goal: To gather background information and assess needs in the field, in preparation for the National Research Council consensus study of the science of team science.

8:00 a.m. **Informal Introductions (breakfast available in anteroom)**

8:30 a.m. **Welcoming Remarks**

- *Robert Hauser, Division of Behavioral and Social Sciences and Education*
 - *Susan Winter, National Science Foundation, Directorate for Social, Behavioral, and Economic Sciences*
 - *Daniel Ilgen, Michigan State University (**Meeting Chair**)*
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Morning Session: Challenges of Team Science

Session Moderator: *Dan Ilgen, Michigan State University*

9:00 **Overview of the Science of Team Science**

- *Stephen M. Fiore, University of Central Florida*

Questions and discussion

10:00 **Break**

10:15 **Emerging Challenges of Team Science (Panel Discussion)**

Scientist perspectives

- *Hannah Valentine, Stanford Medical School*
- *Lynn Riddiford, Janelia Farm Research Campus, Howard Hughes Medical Institute*

Funder perspectives

- Robert Croyle, *National Cancer Institute, Division of Cancer Control and Population Studies*
- Wanda Ward, *National Science Foundation Office of Integrative Activities*

Questions and discussion

11:45 **Needs and Challenges in the Field**

- Kara Hall, *National Cancer Institute, Division of Cancer Control and Population Studies*

Questions and discussion

12:30 p.m. **Working Lunch with Keynote Address (lunch available in anteroom)**

How to make it work in real time and in real life: building interdisciplinary programs

- Michael M. Crow, *Arizona State University*

Questions and discussion

Afternoon Session: Addressing the Challenges of Team Science through Research and Synthesis

Session Moderator: *Susan Winter, National Science Foundation Directorate for Social, Behavioral, and Economic Sciences*

2:00 **Emerging Insights from the Science of Team Science**

Examples of research that aids in understanding and addressing the challenges

- Daniel Stokols, *University of California, Irvine*
 - Methods and tools for strategic team science
- Jonathon Cummings, *Duke University*
 - The influence of group size and heterogeneity on the productivity of research teams

Response: Alternative team science infrastructures

- James Jackson, *Institute for Social Research, University of Michigan*
- Anne Heberger Marino, *the National Academies Keck Futures Initiative*
- Jeremy Sabloff, *Santa Fe Institute*

Questions and discussion

3:30 **Break**

3:45

Goals of the National Research Council Study

- Nancy Cooke, Arizona State University (*Study Committee Chair*)

Questions and discussion

4:15

Final Reflections

- Daniel Ilgen, Michigan State University
 - Where are we now?
 - What should the study committee keep in mind as it moves forward?
 - Who are the key audiences for the report?
 - How might the conclusions and recommendations best be framed to address the needs of the field?
 - General discussion

5:00

Adjourn