

Women, Minorities and Interdisciplinarity

Workshop Co-chairs:

Stephanie Pfirman, Barnard College

Diana Rhoten, Social Science Research Council and NSF

Sponsors:

Columbia's Earth Institute NSF-Supported ADVANCE Program

Barnard College Office of the Provost and Gildersleeve Fund

Social Science Research Council

Columbia's Vice Provost for Diversity Initiatives

Barnard Science Advisory Council

Need Assistance?

Jenn Laird, Fred Palm, Sarah Abdelrahim, Lindsay Menard-Freeman

Monday, November 12 - Open Session
Satow Room, Lerner Hall, Columbia University
8:30 Breakfast

9:00 Introductions and Opening Remarks
Stephanie Pfirman
Diana Rhoten

9:15 Empirical Methods of Studying Interdisciplinarity
Erin Leahey
Alan Porter
Elizabeth Corley
Wendy Newstetter
Veronica Boix-Mansilla Moderator: Stephanie Pfirman

10:45 Break

11:00 Theoretical Lens on Women and Minorities in Science
Mary Frank Fox
Laurel Smith-Doerr
Gerhard Sonnert
Gerald Holton
Moderator: Diana Rhoten

12:30 Lunch

2:00 Putting the Two Together – Conceptual Frameworks for Analyzing Women, Minorities, and Interdisciplinary Science

Bianca Bernstein

Robert Ibarra

Juan Lucena

Jen Schneider

Julie Thompson Klein

Moderator: Diana Rhoten

3:30 Break

3:45 Putting the Two Together – Institutional Implications and Actions for Interdisciplinary Science: How Might They Differ for Women and Minorities

Gail Dubrow

Donna Nelson

Orlando Taylor

Moderator: Stephanie Pfirman

5:00 Review of the day

5:45 Dinner at Barnard College (Sulzberger Parlor, 3rd fl, Barnard Hall)

7:00 Dinner end

7:30 Keynote by Howard Gardner: "Interdisciplinarity: the Good, the Bad, and the Unknown"

James Room, Barnard College

**Tuesday, November 13 – By Invitation
Satow Room, Lerner Hall, Columbia University**

8:30 Breakfast

9:00 Goals of Breakout Sessions

9: 30 Breakout Session I: Is There a Research and Policy Agenda Here?

Geraldine Downey

Susan Levine

Sharon Traweek

Wanda Ward

10:30 Break

11: 00 Report Back

12:00 Lunch

1:00 Breakout Session II: Where Do We Go From Here and How Do We Get There?

Susan Elrod

Wendy Newstetter

Maria Rivera Maulucci

Elke Weber

2:00 Report Back

3:00 Conclusions and Next Steps

Proposed Workshop Definition of Interdisciplinarity

- “interdisciplinary refers to the integration or synthesis of two or more disparate disciplines, bodies of knowledge, or modes of thinking to produce a meaning, explanation, or product that is more extensive and powerful than its constituent parts
 - (Boix-Mansilla and Gardner, 2003; Klein, 1996; Kocklemans, 1979; Hackett and Rhoten, 2006; Weingart and Stehr, 2000).”

Related Approaches and Issues

Disciplinary  Synthesis

Departmental  Interdepartmental

Mainstream  Non-mainstream

Specialized  Diverse

Discovery  Integration, Application

Specialization  Integration

Laser  Searchlight

Basic  Applied

Hierarchical  Collaborative

Established  New

Empirical Methods of Studying Interdisciplinarity

Erin Leahey
Alan Porter
Elizabeth Corley
Wendy Newstetter
Veronica Boix-Mansilla

Theoretical Lens on Women and Minorities in Science

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Putting the Two Together: Conceptual Frameworks for Analyzing Women, Minorities, and Interdisciplinary

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Putting the Two Together: Institutional Implications and Actions for Interdisciplinary Science

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