

# Agenda for Spring Opportunities Workshop for Women in the Mathematical Sciences

April 9-11, 2014

All Activities @ NIMBioS in Hallam Auditorium Room 206 Unless Noted

## WEDNESDAY April 9, 2014

- 3:00 Tea and coffee available
- 3:30 Welcome and Introductions
- 4:10 Talk 1: Dr. Christine Heitsch, *From Plato to Pasteur and Beyond: The Combinatorics of RNA Viruses*
- 4:45 Break
- 5:00 Talk 2: Dr. Susmita Datta, *Differential Network Analysis Using Microarray Data*
- 5:35 Talk 3: Dr. Rebecca Tyson, Dr. Elissa Schwartz, Dr. Adriana Dawes, *Interdisciplinary Appointments: A Brief Discussion*
- 6:10 Dinner at NIMBioS and Breakout Groups (Room 104)
- Group 1: Leader Dr. Sarah Ann Fleming “The Job Search”
- Group 2: Leader Dr. Suzanne Lenhart “Got the Job? Early Career Issues”
- 7:30 Groups Report Back: share and brainstorm for topics for the next afternoon
- 8:00 Finish

## THURSDAY April 10, 2014

- 8:00 Breakfast at NIMBioS (Room 104)
- 8:30 Panel: “Support for Your Work: Going for Grants”
- Moderator: Dr. Snehalata Huzurbazar, SAMSI
- Dr. Mary Ann Horn, Program Officer, Division of Mathematical Sciences, NSF
- Dr. Virginia Pasour, Mathematical Sciences, U.S. Army Research Office
- Dr. Susmita Datta, University of Louisville
- 9:30 Breakout Groups: using topics from previous evening

Led by Kelly Sturner and Suzanne Lenhart

10:15 Break

10:30 Groups Report Back: share ideas from breakout groups

11:00 Talk 4: Dr. Julia Barnes, *A Fractal Life*

11:35 Panel: "Small School? Large School? Different Kinds of Academic Jobs"

Moderator and Panelist: Dr. Joan Lind, University of Tennessee

Dr. Sarah Ann Fleming, Belmont University

Dr. Rebecca Tyson, University of British Columbia Okanagan

12:30 Group Photo

12:35 Lunch at NIMBioS (Room 104)

1:30 Panel: "The T-Word: Tenure"

Moderator: Dr. Suzanne Lenhart, NIMBioS

Dr. Christine Heitsch, Georgia Institute of Technology

Dr. Julia Barnes, Western Carolina University

Dr. Amy Herring, University of North Carolina – Chapel Hill

2:45 Talk 5: Dr. Amy Herring, *Research Challenges in Biostatistics: Healthy Babies, Virgin Moms, and New Methods in Between!*

3:20 Leave for reception for keynote speaker, Dr. Else-Quest, in University Center, Crest Room

4:00 Keynote Speaker Dr. Nicole Else-Quest, University of Maryland Baltimore County  
*Attitudes, not Aptitude: Understanding the Roots of Gender Gaps in STEM Participation*  
University Center, Shiloh Room

5:00 Break/return to NIMBioS

5:15 Brief Presentations: "Build Your Professional Network: NSF Math Institutes and Professional Organizations"

Dr. Suzanne Lenhart, NIMBioS

Dr. Ruth Charney, Association of Women in Mathematics

Dr. Snehalata Huzurbazar, SAMSI

Dr. Susmita Datta, Caucus for Women in Statistics

6:30 Poster Session and Reception -- NIMBioS and UT Community Invited (Room 104)

7:15 Dinner on Your Own

FRIDAY April 11, 2014

8:00 Breakfast at NIMBioS (Room 104)

8:30 Panel: "Industry and Government Careers"

Moderator: Kelly Sturner, NIMBioS

Dr. Helen Moore, Certara

Ms. Samantha Tracht, IBM Watson Solutions Development

Dr. Kate Evans, Oak Ridge National Laboratory

9:45 Break

10:00 Talk 6: Ms. Samantha Tracht, *Title TBA*

10:35 Talk 7: Dr. Ruth Charney, *Exotic Geometry: The Stranger, The Better*

11:10 Talk 8: Dr. Helen Moore, *Mathematical Modeling in Drug Development*

11:45 Closing Remarks

12:00 Boxed Lunch at NIMBioS (Room 104)