

**Project NExT: New Jobs, New Responsibilities, New Ideas
Program for the Workshop in Portland, Oregon
August 3 - 5, 2009**

The Project NExT registration area is in the Ballroom Lobby on Lower Level 1 in the Portland Marriott Downtown Waterfront hotel.

MONDAY, AUGUST 3

- 11 am - 1:15 pm** Arrival and registration
1:30 - 1:45 pm Welcome and opening remarks
 T. Christine Stevens, Saint Louis University and Director of Project NExT
2:00 - 2:45 pm Small group discussions
2:55 - 3:45 pm *Nurturing the Mathematical Yawp*
 Francis Su, Harvey Mudd College
3:50 - 4:20 pm BREAK
4:30 - 5:15 pm Small group discussions
5:30 - 7:00 pm DINNER
7:30 - 8:45 pm *Joining the Mathematical Community*
 Wiebke Diestelkamp, University of Dayton
 Klay Kruczek, Western Oregon University
 Tamara Lakins, Allegheny College
 Kyle Riley, South Dakota School of Mines and Technology
9:00 p.m. - ? INFORMAL SOCIALIZING

TUESDAY, AUGUST 4

- 7:00 - 8:15 am** BREAKFAST
8:30 - 9:45 am *Selected topics in teaching undergraduate mathematics I* [Five simultaneous sessions]
 A. *Effectively Using Applied Writing Projects in Undergraduate Math Courses* – P. Gavin LaRose, University of Michigan
 B. *Occasional Computer Enhancement of Class: Applets and Maple Worksheets* – Michael May, S.J., Saint Louis University
 C. *Promoting Diversity in Mathematics: Challenges, Opportunities & Ideas for Involvement* – Herbert Medina, Loyola Marymount University
 D. *Teaching Real Analysis – An Active Approach* – Carol Schumacher, Kenyon College
 E. *Classroom Voting in Linear Algebra* – Holly Zullo, Carroll College, MT
9:55 - 10:25 am BREAK
10:25 - 11:40 a.m. Panel: *Deciding how to teach*
 Robert Beezer, University of Puget Sound
 Inga Johnson, Willamette University
 Barbara Reynolds, SDS, Cardinal Stritch University
11:45 am - 1:15 pm LUNCH
1:15 - 2:30 pm Repeat of morning breakout sessions
2:40 - 3:40 pm *The Inquiry Oriented Differential Equations Project: Addressing Challenges Facing Undergraduate Mathematics Education*
 Chris Rasmussen, San Diego State University
3:40 - 4:10 pm BREAK
4:10 - 5:25 pm Panel: *The faculty member as teacher and scholar*
 Timothy Chartier, Davidson College
 Barbara D'Ambrosia, John Carroll University
 Maura Mast, University of Massachusetts Boston
 Kenneth Millett, University of California Santa Barbara
5:30 - 7:00 pm DINNER
8:00 - 10:00 pm Social Event for 2008-09 and 2009-2010 Project NExT Fellows and presenters
10:00 pm - ? INFORMAL SOCIALIZING

(program continues on next page)

WEDNESDAY, AUGUST 5

- 7:00 - 8:30 am** BREAKFAST
- 8:30 - 9:35 am** Informal discussions on topics proposed by the 2009-2010 Fellows
- 9:35 - 10:05 am** BREAK
- 10:10 - 11:25 am** *Selected topics in teaching undergraduate mathematics II* [Five simultaneous sessions]
- A. *Using PascGalois Materials to Teach Abstract Algebra* – Michael Bardzell, Salisbury University
 - B. *Inquiry-Based Learning in Calculus* – Carol Browning, Drury University
 - C. *Advising Undergraduate Mathematics Students* – Wiebke Diestelkamp, University of Dayton
 - D. *Teaching Discrete Mathematics* – Susanna Epp, DePaul University
 - E. *Symbol Sense and Symbol Sensibility* – William McCallum, University of Arizona
- 11:30 am - 12:15 pm** Small Group Discussions with other Project NExT Fellows (organized geographically)
- 12:15 - 1:30 pm** LUNCH
- 1:35 - 2:50 pm** Repeat of morning breakout sessions
- 2:55 - 3:25 pm** Planning session for January Meetings in San Francisco, CA
- 3:25 - 3:55 pm** BREAK
- 3:55 - 5:25 pm** Closing Session
- Recognition of 2008-09 Fellows
 - Presentation: *Finding Your Niche in the Profession*
Joseph Gallian, University of Minnesota Duluth
- 7:30 - 9:30 pm** Mathfest Opening Banquet
- 9:30 pm - ?** INFORMAL SOCIALIZING

THURSDAY AND FRIDAY, AUGUST 6 AND 7

Project NExT Courses During the Mathfest: Four-hour courses meeting in the Portland Marriott Downtown Waterfront on Thursday and Friday, August 6 and 7.

- A. *Teaching a Math Content Course for Future K-8 Teachers* – Judith Covington, Louisiana State University Shreveport 1:00 - 3:00 p.m.
- B. *Hand-held Technology in the Mathematics Classroom* – Joseph Fiedler, California State University Bakersfield, 1:00 - 3:00 p.m.
- C. *Undergraduate Research – How to Make It Work* – Aparna Higgins, University of Dayton, 1:00 - 3:00 p.m.
- D. *Teaching Statistical Concepts with Activities, Data, and Technology* – Allan Rossman and Beth Chance, California Polytechnic State University, San Luis Obispo, 3:15 - 5:15 p.m.
- E. *Applying for Grants from the National Science Foundation/Getting Your Research Off to a Good Start* – Dean Evasius, National Science Foundation, and Joseph Gallian, University of Minnesota Duluth, 3:15 - 5:15 p.m.

6/17/09