Project NExT: New Jobs, New Responsibilities, New Ideas
Program for the Workshop in Knoxville, Tennessee
August 7 - 9, 2006

The Project NExT registration area and all sessions are in the University of Tennessee Conference Center.

MONDAY, AUGUST 7

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  My Journey from Graduate School to Being a University Professor
                William Y. Velez, University of Arizona
3:50 - 4:20 pm  BREAK
4:30 - 5:15 pm  Small group discussions
5:30 - 7:00 pm  DINNER
7:30 - 9:00 pm  Conversation with the Leadership
                Carl Cowen, Indiana University Purdue University, Indianapolis
                                President, The Mathematical Association of America
                Robert Daverman, University of Tennessee
                                Secretary, The American Mathematical Society
                Suzanne Lenhart, University of Tennessee
                                Former President, The Association for Women in Mathematics and
                                Trustee, The Society for Industrial and Applied Mathematics
                Martha Siegel, Towson University
                                Secretary, The Mathematical Association of America
9:00 p.m. - ?  INFORMAL SOCIALIZING

TUESDAY, AUGUST 8

7:00 - 8:15 am  BREAKFAST
8:30 – 9:45 am  Selected topics in teaching undergraduate mathematics I [Five simultaneous sessions]
A. Student Presentations from A to “Oh, my” – Suzanne Doree, Augsburg College
C. Effectively Using Applied Writing Projects in Differential Equations -- P. Gavin LaRose,
   University of Michigan
D. Using GAP When Teaching Abstract Algebra – Julianne Rainbolt, Saint Louis University
E. Getting Your Students to Read Their Text -- Thomas Ratliff, Wheaton College, MA
9:55 - 10:25 am  BREAK

(continued on next page)
10:25 - Panel: Deciding how to teach
11:40 a.m. William Fenton, Bellarmine University
Roe Goodman, Rutgers University
Hortensia Soto-Johnson, University of Northern Colorado

11:45 am - 1:15 pm LUNCH

1:15 - 2:30 pm Repeat of morning breakout sessions
2:40 - 3:40 pm The Mathematical Preparation of Teachers: History, Issues, and Challenges
Karen Graham, University of New Hampshire

3:40 - 4:10 pm BREAK

4:10 - 5:25 pm Panel: The faculty member as teacher and scholar
Douglas Ensley, Shippensburg University of Pennsylvania
Chikako Mese, Johns Hopkins University
Christopher Rodger, Auburn University
Carol Schumacher, Kenyon College

5:30 - 7:00 pm DINNER

8:00 - 10:00 pm Social Event for 2005-06 and 2006-07 Project NExT Fellows and presenters

10:00 pm - ? INFORMAL SOCIALIZING

WEDNESDAY, AUGUST 9

7:00 - 8:30 am BREAKFAST

8:30 – 9:35 am FREE TIME for informal socializing, etc.

9:35-10:05 am BREAK

10:10 -11:25 am Selected topics in teaching undergraduate mathematics II [Five simultaneous sessions]
A. Teaching Calculus Using Creative Hands-on Activities – Julia Barnes, Western Carolina U.
B. Pedagogical Use of the Web and On-line Homework – Michael Gage, Univ. of Rochester
C. Adding the Words: Using Writing to Teach Mathematics – John Meier, Lafayette College
D. Advising Mathematics Students Academically and Professionally – James Sellers, Pennsylvania State University
E. Teaching Students to Prove Theorems – Carol Schumacher, Kenyon College

11:30 am - 12:15 pm Small Group Discussions with other Project NExT Fellows (organized by research area)

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 New Orleans

3:25-3:55 pm BREAK

3:55 - 5:25 pm Closing Session
Recognition of 2005-06 Fellows
Presentation: Finding Your Niche in the Profession
Joseph Gallian, University of Minnesota Duluth (continued on next page)
7:30 – 9:30 pm  Mathfest Opening Banquet
    Master of Ceremonies: Edward Burger, Williams College
    Presentation: Mathemagics!
        Arthur Benjamin, Harvey Mudd College

9:30 pm - ?  INFORMAL SOCIALIZING

THURSDAY, AUGUST 10, AND FRIDAY, AUGUST 11

Project NExT Courses During the Mathfest: Four-hour courses meeting on Thursday and Friday, August 10-11.
A. Teaching Math Courses for Future Teachers – Judith Covington, Louisiana State University Shreveport, 1:00 - 3:00 p.m.
B. Modeling Through the Curriculum – Solomon Garfinkel, The Consortium for Mathematics and Its Applications, 1:00 - 3:00 p.m.
C. Teaching Geometry: An Active learning Approach – Margaret Morrow, State University of New York, Plattsburgh, 1:00 - 3:00 p.m.
E. Undergraduate Research -- How to Make It Work -- Aparna Higgins, University of Dayton, 3:15 - 5:15 p.m.
F. Getting Your Research Off to a Good Start/Applying for Research and Education Grants -- Joseph Gallian, University of Minnesota Duluth, and Lloyd Douglas, National Science Foundation, 3:15 – 5:15 p.m.

6/27/06