Project NExT: New Jobs, New Responsibilities, New Ideas
Program for the Workshop in Madison, Wisconsin
July 30 - August 1, 2001

The Project NExT registration area is in the lobby on the basement level of Van Vleck Hall on the University of Wisconsin campus.

MONDAY, JULY 30

11 am - 1:15 pm  Arrival and registration

1:30 - 1:45 pm  Welcome and opening remarks
                T. Christine Stevens, Project NExT director

2:00 - 2:45 pm  Small group discussions

2:55 - 3:45 pm  Keynote address
                Hyman Bass, University of Michigan, Ann Arbor

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
                Ann E. Watkins, California State University, Northridge, and President, Mathematical Association of America
                Martha Siegel, Towson University, and Secretary, Mathematical Association of America
                Hyman Bass, University of Michigan, Ann Arbor, and President, American Mathematical Society

TUESDAY, JULY 31

7:00 - 8:15 am  BREAKFAST

8:30 - 9:45 a.m.  Selected topics in teaching undergraduate mathematics I
Five simultaneous sessions:
                Group assignments, Projects, and Activities for Courses Below Calculus -- Janet Andersen, Hope College
                How to Find and Keep More Math Majors-- Jean Bee Chan, Sonoma State University
                Choosing the Best of Calculus Reform -- Wayne Roberts, Macalester College
                Nuts & Bolts of Using the Web -- Tom Roby, California State University, Hayward
                Teaching Students to Write Proofs, -- Carol Schumacher, Kenyon College

9:55 - 10:25 am  BREAK

10:25 - 11:40 am  Panel: Choosing a way to teach
                Diane Herrmann, University of Chicago
                W. Ted Mahavier, Nicholls State University
                Kathleen Snook, United States Military Academy

11:45 a.m. - 1:15 pm  LUNCH

1:15 - 2:30 pm  Repeat of morning breakout sessions

2:40 - 3:40 pm  Changing the Teaching and Learning of Mathematics
                Thomas Romberg, University of Wisconsin, Madison

3:40 - 4:10 pm  BREAK
4:10 - 5:25 pm Panel: *The faculty member as teacher and scholar*
Georgia Benkart, University of Wisconsin, Madison
Douglas Harris, Marquette University
Michele Intermont, Kalamazoo College
Daniel Schaal, South Dakota State University

5:30 - 7:00 pm DINNER

8:00 - 10:00 pm Social Event for all Project NExT Fellows and invited guests

**WEDNESDAY, AUGUST 1**

7:00 - 8:00 am BREAKFAST

8:15 - 9:30 am *Selected topics in teaching undergraduate mathematics II*
Five simultaneous sessions
- *Inclusivity in the Mathematics Classroom* -- Deanna Haunsperger, Carleton College
- *Making Calculus Meaningful* -- Patti Frazer Lock, Saint Lawrence University
- *Writing and the Mathematics Classroom* -- John Meier, Lafayette College
- *Using GAP in an Undergraduate Abstract Algebra Class* -- Julianne Rainbolt, Saint Louis Univ.
- *Hands-on Teaching of Non-Euclidean Geometry* -- John Sullivan, University of Illinois, Urbana-Champaign

9:35 - 10:05 am BREAK

10:10 - 11:25 am Panel: *Finding out what your students have learned*
Charlotte Chell, Carthage College
Michael Moody, Harvey Mudd College
Sr. Barbara Reynolds, Cardinal Stritch University

11:30 - 12:30 pm Small Group Discussions with other Project NExT Fellows (organized geographically)

12:30 - 1:45 pm LUNCH

2:00 - 3:15 pm Repeat of morning breakout sessions

3:15 - 3:45 pm BREAK

3:45 - 5:45 pm *Closing Session*
Recognition of 2000-01 Fellows
Presentation: *Finding Your Niche in the Profession*
Joseph Gallian, University of Minnesota, Duluth

7:30 - 10:00 p.m. Mathfest Opening Banquet

**Project NExT Courses During the Mathfest:** Four-hour courses meeting 4:10 - 6:00 p.m. on Thursday and Friday, August 2 and 3.

A. *Making Liberal Arts Mathematics Meaningful* -- Edward Burger, Williams College, and Michael Starbird, University of Texas, Austin
B. *Differential Equations* -- Michael Moody, Harvey Mudd College
C. *Strategies and Ideas for Improving Math Courses Designed for Prospective Teachers* -- Dale Oliver, Humboldt State University
D. *Teaching Undergraduate Statistics: Active Learning, Data, and Concepts* -- Allan Rossman, Dickinson College, and Beth Chance, California State University, San Luis Obispo
E. *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
F. *Undergraduate Research -- How to Make It Work* -- Aparna Higgins, University of Dayton

4/06/01