Project NExT: New Jobs, New Responsibilities, New Ideas
Program for the Workshop in Los Angeles, California
July 31 - August 2, 2000

The Project NExT registration area is in the Covell Commons on the UCLA campus.

MONDAY, JULY 31

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
                Ann Watkins, California State University, Northridge, and President-Elect, Mathematical
                Association of America

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
                Thomas Banchoff, Brown University, and President, Mathematical Association of America
                Martha Siegel, Towson University, and Secretary, Mathematical Association of America
                Tony Chan, University of California, Los Angeles, representing the Society for Industrial and
                Applied Mathematics
                AMS representative TBA

TUESDAY, AUGUST 1

7:00 - 8:15 am   BREAKFAST

8:30 - 9:45 a.m. New approaches to lower division courses
                Five simultaneous sessions:
                Teaching Calculus and Applied Calculus Using the Harvard Calculus Materials -- Patti Frazer
                Lock, St. Lawrence University
                The MAA's "Resources for Calculus" Collection -- Philip Straffin, Beloit College
                What is "Calculus Reform" About? Examples from OZ -- Arnold Ostebee, St. Olaf College
                Linear Algebra -- Emily Puckette, Occidental College
                Teaching ODEs with Modeling and Technology -- Michael Moody, Harvey Mudd College

9:55 - 10:25 am   BREAK

10:25 - 11:40 am   Panel: Choosing a way to teach calculus
                Mario Martelli, California State University, Fullerton
                Robert Megginson, University of Michigan
                Emily Puckette, Occidental College
                James Sauerberg, St. Mary's College, California

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

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

2:40 - 3:40 pm   Research in undergraduate mathematics education
                Steve Monk, University of Washington
3:40 - 4:10 pm  BREAK

4:10 - 5:25 pm  Panel: The faculty member as teacher and scholar
                Susanna Epp, DePaul University
                Julie Glass, California State University, Hayward
                Michael Starbird, University of Texas, Austin
                Francis Su, Harvey Mudd College

5:30 - 7:00 pm  DINNER

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

WEDNESDAY, AUGUST 2

7:00 - 8:00 am  BREAKFAST

8:15 - 9:30 am  Selected topics in undergraduate math education
                  Five simultaneous sessions:
                  Abstract Algebra -- Alan Hibbard, Central College
                  Liberal Arts Mathematics -- Edward Burger, Williams College, and Michael Starbird, University of Texas, Austin
                  Geometry -- Colm Mulcahy, Spelman College
                  Recruiting Math Majors and Advising -- Jean Bee Chan, Sonoma State University
                  Teaching students to write proofs -- Susanna Epp, DePaul University

9:35 - 10:05 am  BREAK

10:10 - 11:25 am Repeat of previous sessions

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  Panel: Finding out what your students have learned
                  Joseph Fiedler, California State University, Bakersfield
                  Nancy Hagelgans, Ursinus College
                  Michael McDonald, Occidental College
                  Sharon Ross, Georgia Perimeter College

3:15 - 3:45 pm  BREAK

3:45 - 5:45 pm  Closing Session
                  Recognition of 2000-2001 Fellows
                  Presentation: Finding Your Niche in the Profession
                  Joseph Gallian, University of Minnesota, Duluth

7:30 - 9:30 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 3 and 4.

A. 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

B. Undergraduate Research -- How to Make It Work -- Aparna Higgins, University of Dayton

C. Teaching Mathematics with Technology -- Joseph Fiedler, California State University, Bakersfield

D. Statistics -- Alan Rossman, Dickinson College

E. Mathematics for Teachers -- Dale Oliver, Humboldt State University

F. College Algebra -- Linda Boyd, Georgia Perimeter College