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 DINNER 5:30 - 7:00 pm Social Event for all Project NExT Fellows and invited guests 8:00 - 10:00 pm 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