1999-2000 Project NExT Fellows  
Los Angeles Schedule

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

TUESDAY, AUGUST 1

8:00 - 10:00 p.m.  Social Event for all Project NExT Fellows and invited guests
Terrace of the Grand Horizon Room, Covel Commons

WEDNESDAY, AUGUST 2

7:00 - 8:00 a.m.  BREAKFAST

8:15 - 9:30 a.m.  TWO concurrent sessions

A.  Designing Computer Labs
Salon BCD, Covel Commons
Panelists:
   Afshin Ghoreshi, Weber State University
   Tabitha Mingus, Western Michigan University
   John Robertson, Georgia College and State University
   James White, Bluejay Lispware and Stetson University
   Cynthia Wyels, California Lutheran University

Integrating the use of computers into math courses has been one of the components of the reform movement. Yet, what makes a 'good' computer lab? We will examine different goals for a computer lab as well as aspects of successful (and not-so-successful) labs in precalculus, calculus, differential equations, and linear algebra.

Organizers: Karrolyne Fogel, California Lutheran University, and Terrell L. Hodge, Western Michigan University

B.  Improving Upper-Division Classes and Evaluating the Math Major Curriculum
Salon EFG, Covel Commons
Panelists:
   Thomas R. Berger, Colby College
   Second presenter to be announced

This session will focus on two related, yet different, topics currently affecting many math departments: How to improve upper-division courses with the use of group activities and technology; and how the math major curriculum might be changed to give our students a deeper understanding of mathematics (and hence better prepare them for a job or graduate school). The session will begin with two main speakers, each addressing one of these topics. Then the session will split into two smaller discussion sections specific to these two topics. These discussion sections will allow discussion of issues and ideas that are specific to each topic. We encourage participants to bring materials that would contribute to these discussions (for example, group activities or labs developed for upper-division courses or examples of the math major curriculum used at your institution).

Organizers: Anneke Bart, Saint Louis University, and Mark A. Mills, Central College.
WEDNESDAY, AUGUST 2 (continued)

9:35 - 10:05 a.m. BREAK

10:10 - 11:25 a.m. TWO concurrent sessions

A. Career Counseling and Writing Letters of Reference
Salon BCD, Covel Commons
Panelists:
  G. Daniel Callon, Franklin College
  Deanna Haunsperger, Carleton College
  Luise-Charlotte Kappe, State University of New York, Binghamton
  Stephen Kennedy, Carleton College
As academics, a large part of our career advancement is based upon peer
review. Thus, it is in the best interest of the mathematics community to
ensure all academics are well versed in the art of writing recommendation
letters. Our students depend not only on the ideas we teach them, but also
upon the opportunities and advice we give them when facing confusing
career choices. Our panelists will guide us as we learn about these
important, though often neglected, areas of responsibility.
Organizers: Sylvia Cook Forman, Mercer University, Blair F. Madore,
State University of New York, Potsdam, and Beth Peterson, Lamar
University

B. Strategies for Math for Liberal Arts
Salon EFG, Covel Commons
Panelists:
  Edward Burger, Williams College
  Elena Marchisotto, California State University, Northridge
  Carol Schumacher, Kenyon College
In this session, we will discuss strategies for teaching courses aimed at
students who do not intend to major in mathematics or the sciences. The
panelists will present several points of view, from covering a range of
interesting topics, to focussing more in depth on one fairly accessible
topic. There will also be time for members of the audience to exchange
ideas about projects and other aspects of Math for Liberal Arts courses.
Organizers: Blake Mellor, Honors College, Florida Atlantic University,
and Tamara Worner, Wayne State College

11:30 - 12:30 p.m. Small Group Discussions with other Project NExT Fellows

[We will be organized geographically for these sessions. Please see the
accompanying sheet for room assignments.]
WEDNESDAY, AUGUST 2 (continued)

12:30 - 1:45 p.m.   LUNCH

2:00 - 3:15 p.m.   TWO concurrent sessions

   A. Balancing Professional and Personal Life
      Salon BCD, Covel Commons
      Panelists:
         Arthur Benjamin, Harvey Mudd College
         Edward Burger, Williams College
         Stephen Kennedy, Carleton College
         Patti Frazer Lock, Saint Lawrence University
      In this panel, we will discuss the ever-popular topic of balancing
      professional life and personal life. While there is no solution that will
      work for everyone, we can learn from those more experienced with this
      juggling act. Panelists will share advice about their successes and
      struggles in this area.
      Organizers: Gretchen L. Matthews, University of Tennessee, and Melissa
      A. Sutherland, Lycoming College

   B. Using the Web in a Course
      Salon EFG, Covel Commons
      Panelists:
         Thomas F. Banchoff, Brown University
         Kris Green, St. John Fisher College
         Colm Mulcahy, Spelman College
         Thomas E. Price, University of Akron
      The focus of this session is to provide examples of how the world wide
      web can be used as a resource for the teaching and learning of
      mathematics. Panelists will discuss how and why they have used web
      based instructional materials, and the outcomes that they have observed in
      student learning. Some panelists may speak to the issues of generating
      and maintaining web-based instructional materials and the different web
      based environments that are available.
      Organizer: Michelle D. Wagner, University of Wisconsin – La Crosse

3:15 - 3:45 p.m.   BREAK
WEDNESDAY, AUGUST 2 (continued)

3:45 - 5:45 p.m.  Closing session
Covel Commons Study Lounge
Overview of special activities at the Mathfest
Recognition of 1999-2000 Fellows
Presentation: Finding your Niche in the Profession
Joseph A. Gallian, University of Minnesota, Duluth

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

Project NExT Short Courses during the Mathfest
Four hour special sessions meeting on Thursday, August 3, and Friday, August 4, 4:10 – 6:00
p.m. See accompanying sheet for short course assignments.

A. Applying for Research and Education Grants, Lloyd Douglas, National Science Foundation, and
   Getting your Research off to a Good Start, Joseph A. Gallian, University of Minnesota, Duluth.

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

C. Teaching Mathematics with Hand-Held Technology, May You Live in Interesting Times, Joseph
   Fiedler, California State University, Bakersfield.

D. Teaching Introductory Statistics: Active Learning, Data, and Concepts, Allan Rossman,
   Dickinson University.

E. Strategies and Ideas for Improving Math Courses Designed for Prospective Teachers, Dale
   Oliver, Humboldt State University.

F. College Algebra: What Can I Do With This Course?, Linda Boyd, Georgia Perimeter College.