Project NExT: New Jobs, New Responsibilities, New Ideas
Program for the Workshop at Atlanta, GA
July 30 - August 1, 1997

WEDNESDAY, July 30

11:30 am - 1:15 pm  Arrival and registration, Wenn Student Center

1:30 - 1:45 pm  Welcome and Opening Remarks
                James R. C. Leitzel and T. Christine Stevens, Project NExT co-directors

2:00 - 2:45 pm  Small Group Discussions

2:50 - 3:40 pm  Recent Trends in Undergraduate Mathematics Instruction
                Alan Tucker, State University of New York, Stony Brook

3:45 - 4:15 pm  BREAK

4:15 - 5:00 pm  Small Group Discussions

5:30 - 7:00 pm  DINNER

7:30 - 9:00 pm  Conversation with the Leadership
                Gerald Alexanderson, Santa Clara University,
                President, Mathematical Association of America
                Martha Siegel, Towson State University,
                Secretary, Mathematical Association of America

THURSDAY, July 31

8:45 - 10:15 am  Several Versions of Calculus Reform -- from the Teacher's Perspective
                Five simultaneous sessions:
                Harvard Consortium Calculus -- Karen Thrash, University of Southern Mississippi
                Ostebee/Zorn (Saint Olaf Project) -- Arnold Ostebee, St. Olaf College
                Project CALC (Duke Project) -- John Koelzer, Rockhurst College
                C4L: Calculus, Concepts, Computers and Cooperative Learning --
                Ed Dubinsky, Georgia State University
                Using Collected Resources -- Anita Solow, DePauw University

10:15 - 10:45 am  BREAK

10:45 - 12:15 pm  Repeat of previous sessions

12:15 - 1:20 pm  LUNCH

1:30 - 2:30 pm  Just What are Your Students Actually Learning? How Can Assessment
                Activities Help Them Learn More? Bonnie Gold, Wabash College

2:40 - 3:45 pm  Diversity and Inclusiveness in the Classroom
                Lynne Baur, Carleton College; Debra Curtis, Bloomfield College; Jose
                Giraldo, Texas A&M - Corpus Christi

3:45 - 4:10 pm  BREAK

4:15 - 5:30 pm  Panel: The Faculty Member as Teacher and Scholar
                Daniel Biles, Western Kentucky University
                Sylvia Bozeman, Spelman College
                Robert Olin, Virginia Polytechnic Institute and State University
                Sharon Ross, DeKalb College
5:45 - 7:00 pm  DINNER

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

FRIDAY, AUGUST 1

8:30 - 9:30 am  Selected Topics in Undergraduate Mathematics Education
Five simultaneous sessions:
- Making Applications Meaningful in the Undergraduate Mathematics Classroom -- Kelly Black, University of New Hampshire
- Describing Your Course to Others: Course Portfolios in Mathematics -- Steve Dunbar, University of Nebraska-Lincoln,
  Gavin LaRose, Nebraska Wesleyan University
- Linear Algebra -- David Lay, University of Maryland, College Park
- New Ways of Teaching Geometry -- David Henderson, Cornell Univ.
- Career Advising for Undergraduates -- Andrew Sterrett, Mathematical Association of America

9:35 - 10:35 am  Repeat of previous sessions

10:35 - 11:00 am  BREAK

11:00 - 12:15 pm  The Promise and Pitfalls of Research on Undergraduate Mathematics Education
  M. Kathleen Heid, The Pennsylvania State University

12:15 - 1:15 pm  LUNCH

1:30 - 3:00 pm  Small Group Discussions with other Project NExT Fellows

3:00 - 3:30 pm  BREAK

3:30 - 5:30 pm  Closing Session
Overview of special activities at the MATHFEST
Recognition of 1996-97 Fellows
Presentation: Finding Your Niche in the Profession
Joseph Gallian, University of Minnesota, Duluth

Evening  MATHFEST Opening Event
"Georgia On My Mind" MathFestival

Saturday, August 2, and Sunday August 3.  During the MATHFEST, Fellows will choose among four-hour short courses that have been specially designed for them.  These short courses will meet from 4 p.m. to 6 p.m. on each day.

Reform Efforts in the Teaching of Pre-Calculus -- Linda Boyd, DeKalb College
Undergraduate Student Research in Mathematics -- how to make it work -- Aparna Higgins,
University of Dayton
Solving the Problems of Solving Problems Together: An Introduction to Cooperative Learning in Mathematics, Janet Ray, Seattle Central Community College
The Mathematical Preparation of Teachers -- Judith Covington, Louisiana State University, Shreveport
Getting Your Research Known and Applying for Research Grants -- Lloyd Douglas, National Science Foundation, and Joseph Gallian, University of Minnesota-Duluth
Facilitating Active Learning: Concrete Ways to Foster Active Student Participation in and out of the Classroom -- Sandra Rhoades, Keene State College
Smart use of Computer Technology as an Enhancement to Teaching, Understanding and Learning -- Colm Mulcahy, Spelman College