

**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