WEDNESDAY, AUGUST 7

11:00 am - 1:15 pm  Registration

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    Keynote address  
Lida K. Barrett, United States Military Academy

3:45 - 4:15 pm  BREAK

4:15 - 5:00 pm  Small Group Discussions

6:00 - 7:00 pm  DINNER

7:30 - 9:00 pm  Conversation with the Leadership  
Kenneth Ross, President, Mathematical Association of America  
Gerald Alexanderson, President-elect, MAA  
John Ewing, Executive Director, American Mathematical Society

THURSDAY, AUGUST 8

8:45 - 10:00 am  Several Versions of Calculus reform -- from the Teacher's Perspective  
Five simultaneous sessions;  
Harvard Consortium Calculus -- William Velez, University of Arizona  
Ostebee/Zorn (Saint Olaf Project) -- Arnold Ostebee, St. Olaf College  
Project CALC (Duke Project) -- Emily Puckette, Occidental College  
C4L (Purdue Project) -- David Mathews, Central Michigan University  
Using Collected Resources -- Anita Solow, DePauw University

10:00 - 10:15 am  Planning Session for Afternoon Discussions

10:15 - 10:45 am  BREAK

10:45 - 12:00  Repeat of previous sessions

12:00 - 1:10 pm  LUNCH

1:15 - 2:15 pm  Making Sense of Our Students' Making Sense of Calculus  
Alan Schoenfeld, University of California - Berkeley

2:20 - 3:30 pm  Birds of a Feather Sessions  
Small group discussions on topics selected by Fellows

3:30 - 4:00 pm  BREAK

4:00 - 5:15 pm  Panel: The Faculty Member as Teacher and Scholar  
W. James Lewis, University of Nebraska-Lincoln  
Janet Ray, Seattle Central Community College  
James Solomon, Georgia Southern University  
Janet Talvacchia, Swarthmore College
6:00 - 7:00 pm  DINNER
8:00 - 10:00 pm  Social Event for All Project NExT Fellows and invited guests

FRIDAY, AUGUST 9

8:30 - 9:30 am  Selected Topics in Undergraduate Mathematics Education
                Five simultaneous sessions:
                Summer Research Programs for Students -- Joseph Gallian, University of
                Minnesota - Duluth
                Business Calculus -- Robert Richardson, Appalachian State University
                Teaching Abstract Algebra with Computer Projects -- Russell Blyth,
                Saint Louis University
                Introductory Statistics Courses in the Current Climate of Change --
                Richard Single, St. Olaf College; John Holcomb, Youngstown
                State University; Thaddeus Tarpey, Wright State University
                Teaching Differential Equations Using Projects and Computer Laboratories
                -- Gavin LaRose, Nebraska Wesleyan University

9:35 - 10:35 am  Repeat of previous sessions
10:35 - 11:00 am  BREAK
11:00 - 12:15 pm  Undergraduate Mathematics Education Research
                  Patrick Thompson, San Diego State University

12:15 - 1:30 pm  LUNCH

1:30 - 3:00 pm  Small Group Discussions with 1995-96 Fellows
3:00 - 3:30 pm  BREAK

3:30 - 5:30 pm  Closing Session
                Overview of special activities at the MATHFEST
                Recognition of 1995-96 Fellows
                Presentation: Finding Your Niche in the Profession
                Joseph Gallian, University of Minnesota, Duluth

Evening  MATHFEST Opening Banquet
            Reception at 6:30 pm, Dinner at 7:30 pm

Saturday, August 10 - Sunday, August 11. During the MATHFEST, Fellows will choose among
four-hour short courses that have been specially designed for them. These short courses will meet from
3 p.m. to 5 p.m. on each day.

Bringing the Teaching of Pre-calculus into the 21st Century -- Pamela Matthews, Mount Hood
College
Undergraduate Student Research in Mathematics -- how to make it work -- Aparna Higgins,
University of Dayton
Changing Technology and Pedagogy: Proliferation and Fragmentation -- Joseph Fiedler, California
State University - Bakersfield, and Wade Ellis, West Valley College
Cooperative Learning -- Guidelines for Instructors -- Nancy Hagelgans, Ursinus College
Teachers Enhancing the Mathematical Preparation of Elementary School Teachers --
Judith Covington, Louisiana State University - Shreveport
Getting Your Research Known and Applying for Research Grants -- Jean Taylor, Rutgers
University, and Sidney Graham, National Science Foundation
Applications Across the Curriculum -- The New Liberal Arts -- Solomon Garfunkel, COMAP, Inc.
Facilitating Active Learning: Concrete Ways to Foster Active Student Participation in and out of the
Classroom -- Sandra Rhoades, Keene State College