

PROJECT NExT (New Experiences in Teaching)
Program for Workshop at the University of Minnesota
Sessions in Blegen Hall

1994

FRIDAY, August 12

10:00 am - 1:15 pm Arrival and registration (Blegen Hall)

1:30 - 1:45 pm Opening remarks and program overview:

T. Christine Stevens and James R. C. Leitzel, Project NExT co-directors (Blegen 10)

2:00 - 3:00 pm Break out session: What makes a 'good teacher?'

Group A	Blegen 105	Group B	Blegen 110
Group C	Blegen 115	Group D	Blegen 120
Group E	Blegen 125	Group F	Blegen 135

3:00 - 3:25 pm BREAK

3:30 - 4:30 pm Presentation and discussion -- The future look of mathematical sciences departments (Blegen 10)

Donald L. Kreider, Dartmouth College, MAA President

6:00 - 7:00 pm Dinner

7:30 - 9:00 pm Discussion -- How are Mathematics Departments Changing? (Blegen 10)

SATURDAY, August 13

Breakfast in Dorms

8:45 - 10:15 am Who are our students? (Blegen 10)

John Baldwin, University of Illinois at Chicago
Ron Biggers, Kennesaw State College
Gail Burrill, Whitnall High School, Wisconsin
Janet Ray, Seattle Central Community College

10:15 - 10:40 am Break

10:45 - 12:15 Calculus Problems Today

Hands-on Experience with Calculus Reform

Project CALC	Blegen 105
St. Olaf Project	Blegen 110
Harvard Consortium Calculus	Blegen 115

12:15 - 1:30 pm Lunch

1:30 - 3:30 pm A Survey of Calculus Projects (Panel)
(Blegen 10)

Marcelle Bessman, Frostburg State University
Arnold Ostebee, St. Olaf College
William Velez, University of Arizona

- 3:30 - 3:55 pm Break
- 4:00 - 5:30 pm Special session for/by Project NExT Fellows (Blegen 10)
- General questions/issues/in undergraduate education
- 6:30 - 7:30 pm Dinner
- 8:00 - 9:30 pm Discussion: The faculty member as teacher and scholar. (Blegen 10)
- Discussants: Tracy Bibelnieks, University of Minnesota; Richard Herman, University of Maryland and Joint Policy Board for Mathematics; Jerry Lodder, New Mexico State University; Doris Schattschneider, Moravian College; William Velez, University of Arizona.

SUNDAY, August 14

Breakfast in Dorms

- 8:45 - 10:15 am The impact of technology on upper division mathematics. (Blegen 10)
- Marvin Brubaker, Messiah College
Carl Leinbach, Gettysburg College
- 10:15 - 10:40 am Break
- 10:45 - 12:00 Alternative Teaching Strategies
- Jerry Lodder, New Mexico State University Blegen 105
David Smith, Duke University Blegen 110
Margaret Robinson, Mount Holyoke College Blegen 115
- 12:00 - 1:00 pm Working Lunch -- continue discussions/prepare for reporting
- 1:15 - 2:30 pm Discussion of Alternative Teaching Strategies (Blegen 10)
- 2:30 - 2:50 pm Break
- 2:50 - 4:00 pm How do our students learn?
[What research tells us and what still needs to be studied.] (Blegen 10)
- Susanna S. Epp, DePaul University
- 4:00 - 5:30 pm General Session (Blegen 10)
- A. Overview of special activities at these meetings; short course schedule;
committee meetings schedule.
- B. Presentation: Finding Your Niche in the Profession
- Joe Gallian, University of Minnesota at Duluth
- Evening-- Attend opening MATHFEST banquet