Teaching Biology to Majors and Nonmajors

And gladly...lerne, and gladly teche.
-Chaucer

AMCBT Fall Meeting
Rockhurst College
October 17-19, 1991

Thursday, October 17:

6:00-8:00 PM  REGISTRATION RECEPTION  Sedgwick Hall Lobby

8:00 PM  OPENING SESSION  Maybee Theatre, Sedgwick Hall

• Welcome for AMCBT
• P. Bowne, Program Chair
• Mary McCairel, Local Arrangements Chair

WELCOME TO ROCKHURST COLLEGE
-Jan Sheeran, Dean of Arts and Sciences

OPENING ADDRESS:
- Sue Speece - Slide Presentation on the Grand Canyon

9:30 PM  INFORMAL SOCIAL HOUR AND CASH BAR  Massman Gallery

Friday, October 18:

7:00 AM  REGISTRATION  Sedgwick Hall Lobby

7:00-8:15 AM  BREAKFAST (price included in registration)  Interest Groups by Discipline

Massman Formal Dining Room
8:15-9:15 AM:  CONCURRENT SESSION I  Sedgwick Hall, Third Floor

1. Honors Biology: Teaching Research Design  
   Richard Wilson, Rockhurst College

2. Use of the Winogradsky Column to Demonstrate Biodegradation  
   Dorothy May, Park College

3. Teaching Biology to Nontraditional Students  
   Larry Padberg, Rockhurst  
   and Kathy Hunt, Henderson Community College

4. Roundtable Discussion on Designing Effective Field Trips  
   Ethel Stanley & Norm Jensen, Millikin  
   Wally Weber, Southwest Missouri State

9:15-9:40 AM  Coffee and Exhibitor Displays  Sedgwick Hall 319

9:40-10:25 AM  CONCURRENT SESSION II  Sedgwick Hall, Third Floor

1. Cellulose and Toxin Metabolism by Bacteria/Fungi from Woodrats  
   Ali Hekmati, Wayne State College

2. General Education Biology  
   Bill Brett, Indiana State University

3. The Communities of the Biological Crossroads  
   Charles Maier, Wayne State College

4. Roundtable Discussion on Designing Effective Travel Courses  
   Bruce Edinger, Valparaiso University  
   Ted Michaud, Carroll College  
   Rudy Prins, Western Kentucky University

10:25-10:45 AM  Coffee and Exhibitor Displays  Sedgwick Hall 319

10:45-11:45 PM  KEYNOTE ADDRESS  Maybee Theatre, Sedgwick Hall

12:00-1:30 PM  OPEN LUNCH & EXHIBITS
1:30-5:00 PM  FIELD TRIPS
To be announced: we will likely choose between trips to Burr Oaks, the Prarie Foundation, the National History Museum in Lawrence, Kansas, the Truman Museum and House, Westin Distillery, Mobay, and Marion/Merrill/Dow.

1:30-5:00 PM  WORK SHOP SESSION 1

1.  *Plant Physiology*
   Tim Mulkey, Indiana State University

2.  *Chorio-allantoic Transplants in Chick Embryos*
   Marshall Anderson, Rockhurst College

3.  *Using Cooperative Learning in Biology Teaching and Assessing*
   Leona Truchan, Alverno College

4.  *The Fungus Among Us*
   Don Huffman, Central College

   • Potentially, some commercial workshops may also be offered at this time. Marc Roy, Beloit College, may illustrate the use of Thorton's MacScope for physiology.

6:00 PM  CASH BAR AND SOCIAL HOUR  Massman Gallery
7:00 PM  BANQUET  (Price included in Registration)  Massman Formal Dining Room
8:30 PM  BANQUET SPEAKER
9:30 PM  CASH BAR AND SOCIAL HOUR  Massman Gallery

Saturday, October 13:

7:30-8:30 AM  BALLOTTING, COFFEE AND DONUTS  Sedgwick Hall 319
   IN INTEREST GROUPS
8:30-9:30 AM  CONCURRENT SESSION III  Sedgwick Hall, Third Floor

1. *Burnout: Causes, Preventions, and Interventions*
   Judy Brett, Hamilton Center (Indiana)

2. *AIDS*
   Susan Specce, Anderson University

3. *Teaching the Difference Between Science and Religion: Evolution and Creation*
   Malcolm Levin, Sangamon State

4. *Roundtable Discussion on Outreach to Highschools*
   Kathleen Hunt, Henderson Community College
   Ann Larson, Sangamon State
   Leona Truchan, Alverno College

9:45-10:45 AM  CONCURRENT SESSION IV

1. *Preparing for Careers in Physical Therapy and Occupational Therapy*
   Neil Baird, Millikin University

2. *Labor Demonstrations and Hormonal Rhythms*
   Kathleen Marr, Lakeland College

3. *Thoughts on Presenting Biology Workshops for Highschool Teachers*
   Ben Dolbeare, Lincoln Land Community College

4. *Women in Science*
   Faith Wilson, St. Theresa's Academy

5. *From Food Webs to Restriction Maps*
   John Jungck, Beloit College

6. *Microbiology Experiments*
   Ed Kos, Patti Lorenz, and Ann Larson

11:00 AM-12:30PM  BRUNCH  (Price Included in Registration Fee)  Massman Formal Dining Room

   BUSINESS MEETING
   Reports:
   Presidential Address--John Jungck
   Bioscience--Sue Specce & Tim Mulkey
   Election Results--Dave Finley
   •Steering Committee meeting following brunch•