AMCBT 41st Annual Meeting

Beloit College
Beloit, Wisconsin

October 16-18, 1997

Penultimate Program

Constructing Coherent Curricula:
Pushing the Boundaries

Thursday, October 16th

6:00 PM - 8:00 PM  Registration and Reception
                Logan Anthropology Museum
                Wright Art Museum

8:00 PM   Opening Session
               Dining Room
               Pearsons Hall

     Welcome for AMCBT

AMCBT President: Leona Truchan, Alverno College
Welcome to Beloit College: David Burrows, Vice President
for Academic Affairs and Dean of the College
Program Chair: Nancy Sanders, Truman State University
Local Arrangements Chair: John R. Jungck, Beloit College

OPENING ADDRESS (Public Welcome to Attend)
Is There Light in a Black Hole? Fast Plants and Film Cannery
Paul Williams, University of Wisconsin-Madison

9:30 PM Executive Committee Meeting
               Cafe Bio
               Chamberlin Hall

9:30 PM - 11:59 PM Open Labs: Student facilitators
               Chamberlin Hall
               214

               1. Real Time Data Acquisition
               202

               2. Internet: Web Page Development
               218

               3. Computer Simulations and Tools
               208

               4. Digital Video Microscopy

Friday, October 17th

7:00 AM - 5:00 PM  Registration table will be open all day
               Foyer

               Please check your membership; inquire about
               audiovisual needs; general information.
               Pearsons Hall

8  41st Annual Meeting Penultimate Program

AMCBT
7:00 AM - Buffet Breakfast
     Dining Room
8:00 AM  by Interest Group
     Pearsons Hall
8:00 AM - Resources for Curriculum Construction
     Dining Room
8:30 AM

8:45 AM - CONCURRENT FIELD TRIP/ WORKSHOP SESSIONS I
12:00 PM  1. Sugar River Canoe Trip (Limit 10)
    Dave Waller, Beloit College
    2. Fossil Hunt (Limit 10)
    Carl Mendelson, Beloit College
    3. Prairie Field Trip/Mini Workshop (Limit 10)
    Yaffa Grossman, Beloit College
   4. DNA Labs - A Multi-Course Perspective
    Karen Klyczek, University of Wisconsin-River Falls
    5. Internet and the Curriculum
    Tim Mulkey, Indiana State University
    6. ChemLinks
    Sharon Anthony and Heather Mernitz, Beloit College

FIELD TRIPS:

WORKSHOPS:

9:45 AM- Morning Break (Refreshments)   Cafe Bio
10:15 AM  Chamberlin Hall
12:00 PM - Luncheon with Keynote Address
1:45 PM   Luncheon with Keynote Address
KEYNOTE ADDRESS:
Jeanne Narum, Project Kaleidoscope (PKAL)

2:00 PM - CONCURRENT FIELD TRIP/ WORKSHOP SESSIONS II
4:00 PM  1. Case Writing I
    Margaret Waterman, Southeast Missouri State University
    2. Computerized Lab Practicals using Digital Chisel &
    Connectex Color---Quick Cam by
    Harold Wilkinson, Millikin University
    3. Case It! Update
    Mark Bergland, University of Wisconsin - River Falls
    Karen Klyczek, University of Wisconsin - River Falls
    4. Potential Exhibitor Workshop
    Ed Sachs, MacLab, ADInstruments

FIELD TRIPS:

WORKSHOPS:

2:00 PM -  5. Dairyland Seed Tour: Evolutionary Biology in Agriculture (Limit 10)
            John R. Jungck, Beloit College
            6. Wisconsin Fermentation Tour (Limit 10)
            Marion Fass, Beloit College

FIELD TRIPS:

4:00 PM -  Afternoon Break (Refreshments)   Cafe Bio, Chamberlin Hall
4:15 PM

4:15 PM -  CONCURRENT PAPER SESSIONS I
5:00 PM  1. Capstone Courses in Biology
    Dick Wilson and Kevin Williams, Rockhurst College
    2. Galapagos data: Variety is the spice of life for Evolutionary Biology
    Sam Donovan and Jim Stewart, U. of Wisconsin-Madison, Frank Price,
    Hamilton College, and B. Williamson, Olathe High School, Kansas
3. Students Teaching Students: Habitat Tours, An Outdoor Lab Exercise
   Tom Davis, Loras College
4. Ethnobotany of Coastal Native Americans
   Austin Brooks, Wabash College
5. The Role of Computers in a Project Based Biology Curriculum
   Presley Martin, Hamline College
6. Chlamydomonas: a Useful Model System for Undergraduate
   Instruction and Research
   Steve Daggett, Avila College

5:00 PM - Writing for Bioscience: All presenters please attend! Upper Floor
5:45 PM New Co-editors of Bioscience: Ethel Stanley and Tim Mulkey Pearsons Hall

5:30 PM - Posters, Exhibits, and Social Pearsons Hall
7:00 PM

7:00 PM BANQUET (Prime Rib; Carved Turkey; Vegetarian) Pearsons Hall
8:00 PM BANQUET ADDRESS **TBA**

9:30 PM - Curricular Issues Discussion Upper Floor
10:45 PM

9:30 PM - Bioscience Editorial Board Mead Conference Room
10:30 PM

Saturday, October 18th
8:00 AM - Breakfast Buffet Dining Room
9:15 AM by Interest Groups Pearsons Hall

8:30 AM - ***Open Balloting*** Foyer, Pearsons Hall
10:30 AM

9:00 AM - CONCURRENT WORKSHOP SESSIONS III
11:00 AM 1. Case Writing II
   Margaret Waterman, Southeast Missouri State University
2. Internet Friendly or Internet Phobic?
   Uses of the Internet in College Biology
   Marion Fass, Beloit College
3. Workshop Evolution: Using a BioQUEST simulation (EVOLVE) and
   the JMP statistical package to examine Fisher's Fundamental
   Theorum of Natural Selection.
   Frank Price, Hamilton College

9:00 AM - CONCURRENT PAPER SESSIONS II
9:45 AM 1. Freshman in Science Seminar
   Ed Kos, Dick Wilson, Anita Salem and Jim Dronberger,
   Rockhurst College
2. The Largest Microorganism
   Austin Brooks, Wabash College
3. Educational Forum I: Building Learning Communities
   Ann Larson, University of Illinois -Springfield
   Buzz Hoagland, Westfield State College
4. What? A Facilitated Conversation on Curricular Reform
   CELS: Coalition for Education in the Life Sciences
   Louise Liao, University of Wisconsin - Madison

5. Student Project Studies
   Gopal Krishna and Suzanne Martin,
   Moberly Area Community College

6. ...and undergraduate research for all.
   Cynthia J. Horst and Susan E. Lewis, Carroll College

9:45 AM - Morning Break
10:15 AM Posters, Exhibits, Refreshments
***Balloting Closes at 10:30 AM***

10:15 AM - CONCURRENT PAPER SESSIONS III
11:00 AM 1. Commonalities in Biology
          Bill Brett, Indiana State University

2. Proposal Preparation Seminar for Biology Majors
   Charles Bicak, University of Nebraska - Kearney

3. Educational Forum II: What is a Biology Major?
   Leona Truchan, Alverno College; Buzz Hoagland, Westfield State College
   Rob Wikel, Doane College

4. Including Invertebrates
   Bob Wallace, Ripon College

5. Visual Learning in the Curriculum
   Ethel Stanley, Beloit College

11:00 AM - Luncheon with Business Meeting
12:30 PM BUSINESS MEETING
          Presidential Address: Leona Truchan, Alverno College

          Election Results: Dick Wilson, Rockhurst College
          Bioscene: John R. Jungck and Ethel Stanley, Beloit College
          Tim Mulkey, Indiana State University
          Executive Secretary Report: Marc Roy, Beloit College

==========ADJOURNMENT OF REGULAR MEETING=========

12:35 PM - Executive Committee Meeting
1:15 PM Includes newly elected Exec. Comm. members!

If you have specific questions about the program, please contact:

Program Chair: Nancy Sanders
Truman State University
Kirksville, MO 63501-0828
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If you have specific questions about the local arrangements, please contact:

Local Arrangements Chair: John R. Jungck
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