ACUBE 44th Annual Meeting

Preliminary Program

Indiana State University,
Terre Haute, Indiana
October 12-14, 2000

Biology in Context: Real Life Science

Thursday, October 12th

1:00 - 6:00 PM  Registration Table  Science Building
                Atrium

2:00 - 6:00 PM  Pre-Meeting Field Trip:  Swopes Art Museum and Historical Museum
                Meet at Science Building

6:00 - 8:00 PM  Registration and Reception  Hulman Union, DeDe-1

8:00 - 9:00 PM  Opening Session  Science 12
    Welcome to ACUBE:
    ACUBE President:  Buzz Hoagland, Westfield State College, Westfield, Massachusetts
    Welcome to Indiana State University:
    Joseph Weixlmann,  Dean  College of Arts and Sciences
    Program Chair; Margaret Waterman, Southeast Missouri State University
    Local Arrangements Co-Chairs: Tim Mulkey and David Prentice, Indiana State University

OPENING ADDRESS (Public Welcome to Attend)
Estrogen - Not Just for Young Women,  Presenter: Jim Hughes

9:15 - 10:15 PM  Executive Committee Meeting  Science 204

Friday, October 13th

7:00 AM - 5:00 PM  Registration table will be open all day  -- Please check your membership;
                   Inquire about audiovisual needs; General information  Science 2nd Floor

6:00 - 8:00 AM  Buffet Breakfast (by Interest Group)  Hulman Dede-1

7:30 - 10:30 AM  Field Trip:  Coal Mining, Mine Reclamation and Fossil Collecting  Meet at Science building

9:00 AM - Noon  SUSTAINING MEMBER EXHIBITS  Science 299

8:15 - 9:45 AM  CONCURRENT WORKSHOP SESSIONS I

1.  New Developments in Case It!:  A project to integrate collaborative
    case-based learning into international undergraduate biology
    curricula via web-based poster sessions and Internet conferencing.
    Mark Bergland and Karen Klyczek, University of Wisconsin, River Falls

Preliminary Program  Bioscene  23
2. Broadcasting on Networks (an exhibitor workshop).  
*Ed Sachs,*  
iWorks

*Arbour Cherif,*  
*Columbia College, IL, Neil Grant,*  
*William Patterson College, NJ, JoElla Eaglin Siuda,*  
*Illinois Institute of Art*

**POSTER SESSION I**  
(Refreshments available Room 299)

9:50 - 10:20 AM  
**CONCURRENT WORKSHOP SESSIONS II**

1. Cross Roads: Learning from Real Life Cases of In Vitro Fertilization.  
*Arbour Cherif,*  
*Columbia College, Chicago*

2. Using Physical and Computer Modeling to Make the Molecular World Real.  
*M. Patrick,*  
*University of Wisconsin, Madison, Tim Herman,*  
*Milwaukee School of Engineering*

**CONCURRENT PAPER SESSIONS I**

10:30 AM - noon

10:30 - 11:15 AM  
**CONCURRENT PAPER SESSIONS I**

1. Student Ownership of Teaching and Learning as a Means of Making Science Real.  
*Terry Derting,*  
*Murray State University*

2. Large Science Classes: How the web can promote interaction and course management.  
*Scott Gordon,*  
*University of Southern Indiana*

3. Understanding Ecology through Art: An ecology course for art, media and communication students.  
*Zachia Middlechild,*  
*Columbia College of Chicago*

11:20 - 12:05 AM  
**CONCURRENT PAPER SESSIONS II**

1. From Yeast to Hairdryers: Ideas for Teaching Environmental Science.  
*Kathy Nolan,*  
*St. Francis College, NY*

2. Using the 3 P’s and the Invertebrate Zoology Teaching Lab: Some Open-ended Enrichment Exercises.  
*Robert Wallace,*  
*Ripon College*

12:15 - 1:00 PM  
**Luncheon and First Business Meeting**

*First and Final Call for Nominations!!*

1:00 - 1:45 PM  
**Luncheon Program --- Legislation, Science Education and the NSF.**  
Presenter: *Dr. Jane Stutsman,* Deputy Assistant Director, Education and Human Resource Directorate, National Science Foundation.

2:00 - 5:00 PM  
**SUSTAINING MEMBER EXHIBITS**

2:00 - 2:45 PM  
**CONCURRENT PAPER SESSIONS III**

1. Hey, I’ve Got a Question About That! Students Teaching Students in a Human Biology Course for Non Majors.  
*Tom Davis,*  
*Loras College*
2. Induced Diabetes-Milletus: A model of homeostasis in the rat. Gregory Grabowski and Lindsay Piejak, University of Detroit, Mercy


4. Understanding the Changing Student Population. Mary Haskins, Rockhurst University, MO

2:50 - 3:20 PM POSTER SESSION II (Refreshments available in Room 299)

3:30 - 5:00 PM CONCURRENT WORKSHOP SESSIONS III

1. Biology Educators in Context: Faculty Issues Forum on Adjuncts, Merit Pay and Distance Learning. Buzz Hoagland, Westfield State College, MA

2. An Introduction to Knot Theory for Biology Educators. Stafanos Gialamas, Illinois Institute of Art

3. Putting Courses on the Web: Trials, Tribulations and Successes. Nancy Sanders, Truman State University, MO, Tim Mulkey and David Prentice, Indiana State University

5:05 - 5:45 PM Web Page Committee Meeting

6:00 - 7:30 PM OPEN BALLOTING

6:00 - 7:00 PM Social

7:00 - 9:00 PM BANQUET and Second Business Meeting

Dinner Presentation: A Holistic Approach to Students -- Mind, Body and Spirit. Speaker: Brian Degenhardt, Kirksville MO

Saturday, October 14th

7:30 - 8:45 AM Buffet Breakfast (by Interest Group)

7:45 - 8:45 AM Bioscene Editorial Board

Ethel Stanley and Tim Mulkey, Co-Editors, presiding

9:00 - 9:45 AM CONCURRENT PAPER SESSION IV

1. Evolution – a survey of attitudes and understanding of Truman students Nancy Sanders, Jennifer Stuart and Melissa Mayo, Truman State University

Student Computing Center Room 106

2. LifeLines OnLine News Stories and Modules: Investigative Learning Activities for Contextualizing Biology. Margaret Waterman, Southeast Missouri State University & Ethel Stanley, Beloit College, WI

4. What on Earth is Evolution? The geological perspective as an effective framework for introducing evolution to non-majors. Jerry Adams, Columbia College, Chicago

9:45 - 10:00 AM  Morning Break

10:00 - 10:45 AM  CONCURRENT PAPER SESSIONS V

1. Biology from the Newspaper. Bill Brett, Indiana State University

2. Promoting Diversity and Multiculturalism through Teaching and Learning. Abour Cherif, Columbia College Chicago

3. Frustrations and Solutions. Tom Davis, Loras College, IA


11:00 AM - 12:15 PM  Luncheon and Third Business Meeting

BHELMASTY METEING

Presidential Address:
Buzz Hoagland, Westfield State College and Tom Davis, Loras College

Election Results:
Nancy Sanders, Truman State University

Bioscene:
Ethel Stanley, Beloit College & Tim Mulkey, Indiana State University

2000 Meeting at University of Nebraska at Kearney
Charlie Bicak, University of Nebraska, Kearney & Mary Haskins, Rockhurst University

Executive Secretary Report:
Pres Martin, Hamline University

ADJOURNMENT OF REGULAR MEETING

12:30 - 1:15 PM  Steering Committee Meeting

Includes newly elected Steering Committee members!

For additional information or to suggest a workshop or presentation, please contact Margaret Waterman by email at waterman@biology.semo.edu or by phone at (573) 651-2381. Deadline for papers and workshops is July 1, 2000. Deadline for posters is September 15, 2000.

ABSTRACTS of PRESENTATIONS

Concurrent Workshop Sessions I
8:15 - 9:45 AM  Friday October 13, 2000

New developments in Case It!: a project to integrate collaborative case-based learning into international undergraduate biology curricula via web-based poster sessions and Internet conferencing. Mark Bergland and Karen Klyczek, University of Wisconsin, River Falls

This workshop will give participants hands-on experience with new software developed for Case It!, a National Science Foundation-sponsored project to enhance case-based learning in biology courses.