ACUBE 46TH Annual Meeting

September 12-14, 2002
Columbia College
Chicago, IL

Visualizing and Communicating Environmental Issues

Preliminary Program

Thursday, September 12th

Noon – 6:00 PM  Field Trip to Mazon Creek
                Preregistration ($40.00), includes box lunch
6:00 - 8:00 PM  Registration and Reception
8:00 - 9:00 PM  Opening Session

Welcome to ACUBE:
ACUBE President: Malcolm Levin, University of Illinois – Springfield

Welcome to Columbia College:
Program Chair: Bob Wallace, Ripon College
Local Arrangements Chair: Abour Cherif & Gerry Adams, Columbia College

OPENING ADDRESS (Public Welcome to Attend)
Waters of Wisconsin to the World — Drop of Life
David Kuckuk
Director, E.H. May Environmental Park
Sheboygan Co., WI

9:15 - 10:15 PM  Executive Committee Meeting

Friday, September 13th

7:00 AM - 5:00 PM  Registration table
7:00 - 8:00 AM  Buffet Breakfast (by Interest Group)

9:00 AM - Noon  SUSTAINING MEMBER EXHIBITS
(refreshments provided)

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

1. Developing distance courses in science in compliance with the A.D.A.
   Ateegh Al Arabi (Johnson County Community College)
2. Implementing computer technologies in the classroom: some new
   approaches. Robert Mahoney (Columbia College)
3. Investigative cases by community college faculty. Margaret Waterman &
   Ethel Stanley (Southeast MO State University & Beloit College)

9:50 – 10:20 AM  SUSTAINING MEMBER EXHIBITS
(refreshments provided)
   • NewSci Publishing Corporation
   • Pearson Custom Publishing

9:50-10:20 AM  POSTER SESSION I

1. Bimodal distributions, Gillie, Lynn (Elmira College)
2. Presenting poverty as an environmental problem: an interdisciplinary
   approach. Nowicki, Alan (Highland Community College)
3. Recasting your Curriculum Vitae according to the Boyer (1990) of
   faculty development, Wallace, Robert (Ripon College)

10:30 AM - noon  CONCURRENT WORKSHOP SESSIONS II

1. Using a webcam to visualize biological processes with pedagogically
   inconvenient time scales. Steven D. Brewer (University of Massachusetts)
2. Cell receptors. Ann M. Larson (University of IL, Springfield)

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

1. The digital field trip. Austin Brooks (Wabash College)
2. Microbial community profiles of alkaline saline wetlands. Barbara J.
   Clement (Doan College)
3. Impacts of an inquiry-based Introductory Biology curriculum on student
   learning and attitudes. Terry Derting & Claire Fuller (Murray State
   University)
4. Protein Synthesis. Gregory Grabowski (University of Detroit–Mercy)

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

Toward a better understanding of the environment. Ben Ofari-Omoah & Abour
Cherif (University of Wisconsin–Steven Point; Columbia College)
Study abroad: cultural & natural history of St. Eustatices Island. Nancy Sanders
(Truman State University)
"Dealing" with functional group recognition. Michael J. Welsh (Columbia
College)
Student creative final projects as effective tools to maximize learning. Sharon
Doering, Joella Sinda, & Abour Cherif (____; Illinois Institute of Art; Columbia
College)

12:15 - 1:00 PM  Luncheon and First Business Meeting
First and Final Call for Nominations!!
1:00 - 1:45 PM  Luncheon Program

Gone in 60 Seconds: The Evanescence of Scientific News
  Jeff Lyon, Professor of Science Journalism, Columbia College & Senior Science Writer, The Chicago Tribune; author of Playing God in the Nursery

2:00 - 5:00 PM  SUSTAINING MEMBER EXHIBITS
  (refreshments provided)
  • NewSci Publishing Corporation
  • Pearson Custom Publishing

2:50 - 3:20 PM  POSTER SESSION II
  Repeat of Poster Session I

3:30 - 5:00 PM  CONCURRENT WORKSHOP SESSIONS III
  1. Nutrition and you  Sharron K. Jenkins (Columbia College)
  2. Distance education like white elephants: insect ID at a distance.  Wyatt Hobach & Leon Higley (University of Nebraska, Kearney)
  3. Roundtable discussion for department chairs.  Tom Davis (Loras College)

5:05 - 5:45 PM  Web Committee Meeting

6:00 - 7:00 PM  Social
  (resumes of candidates available for review)

7:00 - 9:00 PM  BANQUET and Second Business Meeting
  (two-minute speeches prior to banquet; balloting after dinner presentation)

Dinner Presentation

  Teaching & communicating about integrative issues of health & disease
  Helen Davies, Ph.D., Department of Microbiology, School of Medicine, University of Pennsylvania

Saturday, September 14th

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

7:45 - 8:45 AM  Bioscene Editorial Board

9:00 - 9:45 AM  CONCURRENT PAPER SESSION IV
  1. Bioinformatics and environmental problem solving.  Buzz Hoagland (Westfield State College)
  2. Ecology through art.  Zachia Middlechild (______)
  3. An international collaborative course on recombinant DNA technology.  Presley Martin & Cynthia Bauerle (Hamline University)
  4. Photodynamic therapy of cancer cells.  Mahmoud Khalili (Northeastern Illinois University)

10:00 - 10:45 AM  CONCURRENT PAPER SESSIONS V
  1. Developing an environmental ethic: perspectives on the use of environmental philosophies in non-majors and majors courses.  Kathleen Marr (Lakeland College)
  2. The ongoing popularity of creatinoism among biology teachers.  Randy Moore (University of Minnesota)
3. **Illusions: the eye, the brain, and the mind.** Peter Insley (Columbia College)

4. **Science and technology in forensic science.** A. Karl Larsen

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

**BUSINESS MEETING**

Election Results:

*Lynn Gilley, Elmira College*

Resolutions:

*Dick Wilson, Rockhurst University*

Executive Secretary Report:

*Pres Martin, Hamline University*

Bioscene:

*Ethel Stanley, Beloit College & Tim Mulkey, Indiana State University*

Presidential Address:

*Malcolm Levin, SIU-Springfield*

2003 Meeting:

12:30 - 1:15 PM  
**Steering Committee Meeting**

Includes newly elected Steering Committee members!

12:30 – 3:30 PM  
**SPECIAL FACULTY DEVELOPMENT OPPORTUNITY**

*Open session for local educators & ACUBE Participants.*

2:00 – 6:00 PM  
**Post conference Field Trip**

*John G Shedd Aquarium*

Preregistration ($20.00)

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**Housing Preview**

45th Annual ACUBE Fall Meeting  
Columbia College, Chicago, IL  
September 12-14, 2002

**Lodging:** The following hotels are within walking distance of the meeting facilities at Columbia College. A block of rooms has been reserved at the Best Western Grant Park Hotel for meeting participants. Please make your reservations early.

- **Best Western Grant Park Hotel**  
  1100 South Michigan Avenue.  
  Chicago, IL 60605  
  Phone: 312-922-2900  
  FAX: 312-922-8812  
  $89 (plus tax) single occupancy  
  $99 (plus tax) double occupancy

- **Chicago Travelodge-Downtown**  
  65 E. Harrison St.  
  Chicago, IL  
  Phone: 312-427-8000  
  FAX: 312-247-8261

- **Congress Plaza Hotel**  
  520 South Michigan Avenue  
  Chicago, IL 60605  
  Phone: 312-427-3800

- **Hilton Chicago and Towers**  
  720 South Michigan Avenue  
  Chicago, IL 60605  
  Phone: 312-922-4400