COMMUNICATIONS AND TECHNOLOGY
IN BIOLOGY

AMCBT 1993 ANNUAL MEETING TENTATIVE SCHEDULE
MILLIKIN UNIVERSITY
OCTOBER 28-30, 1993

THURSDAY, OCTOBER 28
6:00-8:00 p.m.  REGISTRATION RECEPTION
LOCATION
STALEY LIBRARY
INDEPENDENT STUDY

8:00 p.m.  OPENING SESSION
Welcome for AMCBT
S. Jeanene Yackey, Program Chair
Harold Wilkinson, Local Arrangements
WELCOME to Millikin University
President
OPENING ADDRESS
Title: INSECTS AND WORLD FOOD CRISIS
Speaker: Tom Turpin

9:30 p.m.  EXECUTIVE COMMITTEE MEETING
LOCATION
STALEY LIBRARY

FRIDAY, OCTOBER 29
7:00 a.m.  REGISTRATION

7:00-8:10 a.m.  BUFFET BREAKFAST
(price included in registration)
Interest Groups by Discipline

8:10-8:55 a.m.  CONCURRENT SESSION I
STALEY LIBRARY
1. TEACHING INFECTIOUS DISEASE BY THE CASE METHOD
   Cathy Hunt and Mary Ann Mc Murray, Henderson Community College, Henderson  KY
2. DEVELOPING AND IMPLEMENTING AN INSERVICE PROGRAM IN
   BIOTECHNOLOGY FOR SECONDARY SCIENCE TEACHERS
   Karen Klyczek, Biology Department, University of Wisconsin, River Falls  WI
3. ORGANIZING A TROPICAL ECOLOGY COURSE
   David J. Hicks, Biology Department, Manchester College, N. Manchester  IN
4. HOW TO WIN AT SCIENCE FAIRS
   Rudolph Prins, Department of Biology, Western Kentucky University, Bowling Green  KY

9:05-9:50 a.m.  CONCURRENT SESSION II
1. REGIONAL SCIENCE FAIRS
   Ray Reed, Department of Biology, Jefferson Community College, Louisville  KY
2. MOUNTAIN ECOLOGY: A NEW FIELD COURSE AT LORAS  
Tom Davis, Department of Biology, Loras College, Dubuque IA

3. INTERACTIONS OF ACTIVATED MACROPHAGES WITH MALIGNANT TUMOR CELLS  
David Thomasson, Biological and Physical Sciences, Fontbonne College, St. Louis MO

4. TO BE ANNOUNCED

9:50-10:40 a.m.  COFFEE, EXHIBITORS INDEPENDENT STUDY INFOSHARE: POSTERS, SOFTWARE, VIDEO

1. PROBLEM SOLVING SETS AND CLINICAL CASE STUDIES: A NONTRADITIONAL APPROACH TO THE UNDERGRADUATE BIOCHEMISTRY EXPERIENCE  
Kaleta, Rose Thomasino, Vought, Walker and Wilson, Biological and Chemistry Section, Purdue University North Central, Westville IN

2. USING "ON-HAND" TRANSDUCERS WITH THE MACSCOPE ANALOG-TO-DIGITAL MICROCOMPUTER INTERFACE FOR PHYSIOLOGICAL EXERCISES  
Steven H. Mills, Department of Biology, Central Missouri State University, Warrensburg, MO

10:45-11:45 a.m.  KEYNOTE ADDRESS  ALBERT TAYLOR HALL  
Title: BIOLOGICAL VISUALIZATION in SCHILLING HALL  
Speaker: Robert V. Blystone, Trinity University, San Antonio TX

12:00-1:30 p.m.  OPEN LUNCH, EXHIBITS, INFOSHARE

1:30-5:00 p.m.  FIELD TRIPS  
1. Illinois Power Field Station
2. ADM Hydroponics and MariMann Herbs
3. Sports Medicine Clinic of Macon County
4. Rock Springs Environmental Center

1:30-4:00 p.m.  WORKSHOP SESSIONS  
1. FAST PLANTS FOR SLOW BIOLOGISTS  
Tim Mulkey, Indiana State University, Terre Haute IN  
SCOVILL

2. USING HUMAN TO TEACH HUMAN PHYSIOLOGY  
Pat Bowne, Alverno College, Milwaukee WI

3. SO YOU WANT TO USE MULTIMEDIA? HANDS ON WORKSHOP  
Claire A. Rinehart, Western Kentucky University, Bowling Green KY

4. DIGITAL VIDEO MICROSCOPY  
Robert V. Blystone, Trinity University, San Antonio TX

6:00-7:00 p.m.  SOCIAL HOUR  RICHARD TREATS UNIVERSITY CENTER

7:00 p.m.  BANQUET (price included in registration)
8:30 p.m.  BANQUET SPEAKER  
Title: FUTURE OF SIMULATIONS  
Speaker: Dennis Defensor, President and CEO ICOM Simulations Wheeling, IL

AMCBT 1993 Fall Meeting Tentative Schedule
SATURDAY, OCTOBER 30
7:30-8:30 a.m. BALLOTING FROM 7:30-9:45 STALEY LIBRARY
CONTINENTAL BREAKFAST
Interest Groups by Discipline

8:30-9:15 a.m. CONCURRENT SESSION III
1. REPORT ON CELS III: COALITION FOR EDUCATION IN THE LIFE SCIENCES
   Leona Truchan, Alverno College, Milwaukee, WI and John Jungck, Beloit College, Beloit, WI
2. COMPARING THE SCOPES TRIAL OF 1925 WITH THE LITTLE ROCK “BALANCED TREATMENT” TRIAL OF 1981
   Neil M. Baird, Department of Biology, Millikin University, Decatur IL
3. HYPERMEDIA IN BIOLOGY EDUCATION
   Mark Bergland, Department of Biology, Univ. of Wisconsin-River Falls, River Falls WI
4. THE TEACHING OF READING AND STUDYING BIOLOGY TEXTBOOKS
   Rodney Foth, Department of Biology, University of Dubuque, Dubuque, IA

9:15-9:45 a.m. COFFEE
BALLOTING CLOSED

9:45-10:45 a.m. CONCURRENT SESSION IV
1. “PASS THE VIDEOCAM, PLEASE”
   Ethel Stanley, Millikin University, Decatur, IL
2. METHODS OF DEVELOPING STUDENT AWARENESS OF ETHICS AND THEIR ROLE IN DECISION MAKING IN BIOLOGY
   Terry L. Derting, Department of Biology, Murray State University, Murray, KY
3. SCIENCE AS A WAY OF KNOWING: AN INTERDISCIPLINARY COURSE
   Eugene Braun, Department of Biology, Univ. of Wisconsin-Waukesha, Waukesha, WI
4. TO BE ANNOUNCED

11:00-12:30 p.m. BRUNCH (price included in registration fee) RCTU
BUSINESS MEETING

Reports:
President Address: Sister Marion Johnson, St. Xavier College, Chicago IL
Election Results: Malcolm Levin, Sangamon State University, Springfield IL
BIOSCENE: John R. Jungck, Beloit College, Beloit WI
   Susan Speece, Anderson University, Anderson IN
Executive Secretary Report: Ed Kos, Rockhurst College, Kansas City MO

12:35-1:15 pm EXECUTIVE COMMITTEE MEETING STALEY LIBRARY 21

1:30-4:30 pm BioQUEST WORKSHOP SCOVILL
(see next page for more information)