

FINAL PROGRAM  
MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES  
TWENTY-SEVENTH ANNUAL MEETING

October 26-27, 1979

Beloit College

Friday, October 26

- 10:30            Executive Council Meeting and Luncheon.  
                  President's Dining Room, Chapin Hall Dining Commons.
- 11:00 - 1:30    Registration. Mayer Hall Lobby.
- 12:00 - 1:00    Lunch. Chapin Hall Dining Commons
- 1:30            General Meeting. Mayer Hall, Wilson Room.
- Welcome: President Martha Peterson
- "Update on the Council on Undergraduate Research"  
                  Brian Andreen, Research Corporation
- Brief discussion.
- "Chemical Abstracts Pricing for Small Colleges"  
                  Diane Yoder, Chemical Abstracts Service
- Brief Discussion.
- "Developing an Academic Safety Program"  
                  Donald Gaines, Univ. of Wisconsin Chemistry Department
- Brief Discussion.
- 3:00            Refreshments. Mayer Hall Lobby.
- 3:15            Group Discussions. See attached schedule.
- 5:15            Social Hour. Logan Museum of Anthropology.
- 6:30            Banquet. Chapin Hall Dining Commons.
- 8:00            "The Use of History of Chemistry in Traditional Courses"  
                  Aaron Ihde, Univ. of Wisconsin Chemistry Department  
                  Mayer Hall, Wilson Room.
- 9:30            Mixer. Faculty Lounge and Conference Center. Cash Bar.

Saturday, October 27

- 7:30 Breakfast. Chapin Hall Dining Commons.
- 8:00 Annual Business Meeting. Chapin Hall Dining Commons.
- 9:00 General Meeting. Neese Theater.
- "Learning How to Teach and Teaching How to Learn Chemistry"  
Marjorie Gardner, Director, Division of Science Education  
Resources Improvement, National Science Foundation.
- Brief Discussion.
- 10:00 "Federal Policy and Funding for Liberal Arts Colleges"  
Ida Wallace, Director, Washington Office of the Great Lakes  
Colleges Association.
- Brief Discussion.
- 10:30 Refreshments. Neese Theater Lobby.
- 10:45 Group Discussions. See attached schedule.
- 12:00 Lunch. Chapin Hall Dining Commons.

Rides to the Airport

Bus schedules from Beloit and Rockford are posted on the Bulletin Board at the registration desk. A sign-up sheet for those wanting rides to O'Hare or to the bus in Rockford (and for those who have room to give someone a ride) is on the Bulletin Board; we will also try to make specific arrangements for rides at breakfast and lunch on Saturday.

Academic Openings

If your department plans to be hiring faculty for next year, please list your opening on the Bulletin Board. Faculty with temporary appointments may want to talk with you.

Help

If you have questions or run into problems, please contact one of the members of our staff listed below or ask one of our chemistry majors. One or more of us can be found on the fourth floor of Chamberlin Hall at all times.

Beloit Chemists: John Biester (Field Placement)  
William H. Brown  
Edward C. Fuller (Emeritus)  
Roc Ordman  
Brock Spencer (Program Chair.)  
Arthur N. Strohl

DISCUSSION GROUPS

FRIDAY

3:15-4:15

4:15-5:15

<p>B. Writing Proposals and Getting Them Funded. Share your recent departmental and individual experience.</p> <p>Truman Schwartz - Macalester Gene Wubbles - Grinnell Brian Andreen - Research Corporation</p> <p>Mayer Hall - <u>Wood Room</u></p>	<p>When the general discussion dies down, Brian Andreen will be available to talk with individuals interested in Research Corporation programs.</p> <p>Mayer Hall - <u>Math Seminar Room</u></p>
<p>C. Computer-Aided Literature Searching.</p> <p>Diane Yoder from Chemical Abstracts will present a general introduction to the field. <u>Science Library</u></p> <p>Diane will then be available until 5:15 in the <u>Science Library</u> to answer questions and discuss CA.</p>	<p>Demonstration of Lockheed's Dialog system in the <u>Science Library</u> with Joe DiSalvo.</p> <hr style="border-top: 1px dashed black;"/> <p>Demonstration of other systems in use at the Institute for Paper Chemistry in <u>Chamberlin 409</u> with Kristine Ewing.</p>
<p>D. Laboratory Safety and Health.</p> <p>Donald Gaines from UW-Madison and Richard Bayer from Carroll College will present their ideas for developing a comprehensive departmental program to start discussion going.</p> <p>Mayer Hall - <u>Wilson Room</u></p>	
<p>F. Personal Computers.</p> <p>John Zimmerman of Wabash will demonstrate the system he has been working on and others are encouraged to share successful ideas that they have been using. Drop in anytime during the afternoon discussion time.</p> <p><u>Chamberlin 416</u></p>	
<p>I. Biochemistry and Biology. How do you divide course content between chemistry and biology courses?</p> <p>Elliott Uhlenhopp - Grinnell</p> <p><u>Chamberlin 215</u></p>	<p>E. Industrial Chemistry. Hear about some current courses and discuss alternatives.</p> <p>Wayne Wesolowski - Ill. Benedictine</p> <p><u>Chamberlin 400</u></p>
<p>G. Co-op and Off-Campus Experience. ACS now has an office for this. Does it help with career choices?</p> <p>John Biester - Beloit Jerry Baird - Argonne</p> <p><u>Chamberlin 313</u></p>	

DISCUSSION GROUPS

SATURDAY 10:45-12:00

J. Learning to Teach and Teaching to Learn. Discuss the issues raised by Marjorie Gardner after an initial response from Bassam Shakhashiri from UW-Madison.

Richard Ramette from Carleton moderating.

Mayer Hall - Morgan Room

A. Federal Funding for Liberal Arts Colleges. Discuss the issues raised by Ida Wallace. Richard Cook of Kalamazoo moderating.

Mayer Hall - Wood Room

H. Instrumentation. How much, where and when?

Wilmer Stratton of Earlham moderating.

Chamberlin 126

K. Organometallic Chemistry. A chance for the two sides to get together and discuss where and how much belongs in the undergraduate curriculum. Wayne Wolsey of Macalester moderating.

Chamberlin 409

L. General Chemistry. Is student preparation changing? If so, how do you know and what do you do about it? Jane Copes of Hamline moderating.

Chamberlin 400

M. Writing Books. A chance for successful and aspiring authors to share experiences with publishers and in getting the work done. Addison Ault of Cornell moderating.

Chamberlin 215

N. Brian Andreen will be available to talk with individuals interested in the Research Corporation programs.

Mayer Hall - Math Seminar Room (next to the Science Library)