

REGISTRATION - MACTLAC '79

Please return a separate copy of this form for each person no later October 15.

Name _____ Address _____
Phone _____

Advance registration will be very helpful. Please cross off items that do not apply in your case and add the others.

Friday lunch	\$2.00
Friday banquet	\$5.50
Saturday breakfast	\$1.50
Saturday lunch	\$2.00
MACTLAC dues	\$1.00
Registration fee	\$2.00

TOTAL \$ _____ Make check payable to MACTLAC

Note your discussion group preferences by capital letter (see attached list of topics) to help us schedule rooms of proper size. Indicate in a line or two what point(s) you particularly want to discuss. Suggest MACTLAC members who might serve as resource people. Yourself?

() First choice. Comments:

() Second choice. Comments:

() You have not listed the topic I am most interested in discussing. Please include a discussion of:

Return this form by October 15 to:

Prof. Brock Spencer, Chairman
Department of Chemistry
Beloit College
Beloit, Wisconsin 53511

Phone: 608-365-3391 ext. 249

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES

TWENTY-SEVENTH ANNUAL MEETING

Beloit College
Beloit, Wisconsin
October 26-27, 1979

We have arranged a full schedule of speakers and resource people for the discussion groups you have requested, plus informal social occasions to renew acquaintances with colleagues in MACTLAC. Please send the enclosed pre-registration form before October 15.

PROGRAM OUTLINE

Friday, October 26

- 10:30 Executive Council Meeting and Lunch. 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
Statements introducing the afternoon discussion groups.
- Ida Wallace, Director, Washington Office of the Great Lakes Colleges Association. "Federal Policy and Funding for Liberal Arts Colleges."
- Brian Andreen, Research Corporation. "Update on the Council on Undergraduate Research."
- Diane Yoder, Chemical Abstracts. "Cost-Effective Literature Searching in Liberal Arts Colleges."
- Donald Gaines, Professor of Chemistry and Chairman of the Departmental Safety Committee, University of Wisconsin, Madison. "Developing an Academic Safety Program."
- 3:00 Refreshments. Mayer Hall Lobby.
- 3:15 Group discussions and demonstrations. See attached list.
- 5:15 Social Hour. Wine, cheese and cider in the Logan Museum of Anthropology. An informal museum talk.
- 6:30 Banquet. Chapin Hall Dining Commons.
- 8:00 Address. Mayer Hall, Wilson Room.
- Professor Aaron Ihde, University of Wisconsin, Madison.
"The Use of History of Chemistry in Traditional Courses."
- 9:30 Mixer. Faculty Lounge and Conference Center.

Saturday, October 27

7:45 Breakfast. Chapin Hall Dining Commons.
8:15 Annual Business Meeting. Chapin Hall Dining Commons.
9:15 Address. Neese Theater.
Dr. Marjorie Gardner, Director, Division of Science Education
Resources Improvement, National Science Foundation.
"Learning How to Teach and Teaching How to Learn Chemistry."
10:15 Refreshments. Neese Theater Lobby.
10:30 Group Discussions. Chamberlin Hall. See attached list.
12:00 Lunch. Chapin Hall Dining Commons.

AIR TRAVEL

Republic Airlines has daily flights from Chicago's O'Hare Airport and from Madison or Minneapolis to the Beloit-Janesville Airport. Taxi service is available from the airport.

Alco Bus Corporation provides bus service between Chicago's O'Hare Airport (Circle Restaurant - Lower Level) and the Holiday Inn in Beloit with departures from O'Hare at 9:30 am, 11:00 am, 2:00 pm, 7:00 pm, and 9:00 pm for the 1.5 hour trip to Beloit. Departures from Beloit to O'Hare are at 6:30 am, 8:30 am, 11:30 am, 4:00 pm, and 7:00 pm. Since many attending the meeting will be driving south on I-90 afterwards, we will arrange rides to O'Hare or to the hourly buses from Rockford to O'Hare during the meeting.

ROAD TRAVEL

I-90 passes along the eastern edge of Beloit and Wisconsin 15, a freeway from Milwaukee, leads to the north edge of the campus. From I-90 you can either take the Wisconsin 15 exit to campus or the South Beloit exit to US 51, then right (north) on 51 to the campus.

Greyhound serves Beloit with daily buses from Chicago, Madison, and Milwaukee. The Beloit Greyhound depot is two blocks south of the campus.

HOUSING

Beloit/South Beloit

Best Western 608-365-2501
Holiday Inn 815-389-3481
Tollway Motel (AAA) 815-389-2281

Janesville, Wis. (15 miles north)

Motel 6 608-756-4541
Ramada Inn 608-756-2341
Road Star Inn 608-754-0251

MACTLAC OFFICERS

Dr. John Zimmerman, Pres.
Wabash College
Crawfordsville, Ind. 47933
Dr. Arthur J. Bosch, Sec.-Treas.
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Pella, Iowa 50219
Dr. Eugene G. Jekel
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BELOIT CHEMISTRY STAFF

Dr. John Biester, Dir. of Career
Counseling and Field Placement
Dr. William H. Brown
Dr. Edward C. Fuller, Adjunct
Professor Emeritus
Dr. Roc Ordman
Dr. Brock Spencer, MACTLAC Program
Chairman and Department Chairman
Dr. Arthur N. Strohl

Phone: 608-365-3391 ext. 249

DISCUSSION GROUPS

- A. Federal Policy and Funding for Liberal Arts Colleges. Discuss this with Ida Wallace. She knows about what is happening at NSF and the new Department of Education; she wants to learn about your experiences with granting agencies. (Located near group B. so you can attend both easily.)
- B. Writing Proposals and Getting Them Funded. Talk with MACTLAC people who have grants for research, course development, departmental development. Brian Andreen will discuss Research Corporation programs with you.
- C. Literature Searching. Lockheed Information Systems will provide an on-line system for you to try. (Come early and try it Friday morning, too.) Diane Yoder from Chemical Abstracts and Kris Ewing from the Institute of Paper Chemistry will join Joe DiSalvo from Lockheed to discuss computer search techniques for you and your students.
- D. Laboratory Safety and Health. Consult with Prof. Gaines from the Univ. of Wisconsin and with MACTLAC members who have established programs of their own. Regulations, toxic waste disposal, student and faculty instruction.
- E. Industrial Chemistry. If it goes into the organic course, what comes out? If not, what does a separate course look like? We have MACTLAC members who now teach or are developing such courses. Come learn from them.
- F. Small Computer Program Exchange: A "Presidential Workshop." John Zimmerman, MACTLAC president, is bringing his personal computer and programs he has developed for it. Bring your personal computer or microprocessor to demonstrate, your successful programs and applications to share with others.
- G. Off-Campus Experience and Career Choices. What traditional and non-traditional opportunities exist off-campus? Do they replace or supplement on-campus research? Do they help provide effective career counseling? John Biester, Beloit's Director of Career Counseling and Field Placement, and Jerry Baird of Argonne's Center for Educational Affairs are resources.
- H. Instrumentation. It was once reserved for Instrumental Methods and now is in organic, quant, and general chemistry. How much? When? How sophisticated?
- I. Biochemistry and Biology: Where to Draw the Line? What luck have you had coordinating your course content with that in Biology? What about course pre-requisites between departments? Any joint research? Joint seminars?
- J. Learning to Teach and Teaching to Learn. Join Marjorie Gardner to discuss the issues she raises in her talk. Bassam Shakhshiri, familiar to many from last year's meeting, will respond as a recent MCA Award winner and as one doing research in teaching chemistry at the Univ. of Wisconsin.
- K. Organometallic Chemistry. Does this growing area belong in the organic course, in the inorganic course, or only in graduate school?
- L. Preparation for General Chemistry. Is the nationally heralded decline in basic skills a testing anomaly or an increasing problem for us all?
- M. So You Want to Write a Book. Discuss what is really involved with some of MACTLAC's successful authors.