

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS

IN LIBERAL ARTS COLLEGES

Office of the Secretary-Treasurer

Earlham College  
Richmond, Indiana

September 1, 1965

Dear MACTLAC Member:

The enclosed information concerns the coming meeting to be held October 15-16 at Lawrence University in Appleton, Wisconsin. The officers and Bob Rosenberg as the host and program chairman have tried to plan a varied and stimulating program. Lawrence has excellent facilities for our meeting, and we will also have an opportunity to see their new science building.

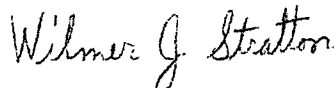
The enclosed envelope allows for pre-registration and payment of dues. We hope that all members will cooperate in this way as soon as plans are clear. Prepayment greatly simplifies the registration procedure when you arrive. If you are reluctant to enclose payment for fear of changing plans, please mail the filled-out envelope anyway with indications of your probable plans, no later than October 5. Last minute reservations will put an unnecessary strain on the college staff.

The \$1.00 registration fee will be credited toward 1966 dues for members and new members. The meal Friday evening will be \$2.50. The Saturday luncheon will be \$1.50. You will be on your own for Friday lunch and Saturday breakfast.

I would like to remind you that one of the items for the business meeting is the proposed set of constitutional changes, including changes in geographical area and associate membership. These proposals were presented last fall and will be voted on at this meeting.

This mailing is being sent only to people who have officially become members (by filling out an application form). Therefore please spread the word to your colleagues who may not be members. Anyone who teaches at a private 4-year liberal arts college in the seven state region is welcome to attend the meeting and to become a member. Others who wish to attend who are not now members and do not qualify for membership should write to myself or to Dr. Rosenberg at Lawrence.

Sincerely yours,



Wilmer J. Stratton

WJS:lc  
encs.



DISCUSSION GROUPS - 1965 MACTLAC MEETING

1. OPEN ROUND TABLE - If there are topics you are eager to discuss which are not on the program, this should be your choice.

Co-chairmen: Dr. D. J. Cook, DePauw University  
Dr. W. A. McMullen, Greenville College

2. THE ROLE OF MACTLAC DEPARTMENTS IN THE PREPARATION OF HIGH SCHOOL SCIENCE TEACHERS  
What are the responsibilities of the liberal arts colleges in the preparation of teachers? How can MACTLAC departments do a better job of providing science teachers for our school?

Chairman: Dr. Courtland Agre, Augsburg College  
Resource Person: Prof. K. Sager, Dept. of Education,  
Lawrence University and Appleton School Board

3. RESEARCH SEMINAR IN COORDINATION CHEMISTRY - This is an experiment in MACTLAC programming. It is intended to be a small scale Gordon Research Conference, with people working in the field bringing their most recent data to present briefly and discuss with colleagues.

Chairman: Dr. W. Deskin, Cornell College  
Resource Persons: Dr. T. Donovan, Knox College  
Sister M. Kennelly, Mundelein College

4. THE COMBINED INTRODUCTORY COURSE IN CHEMISTRY AND PHYSICS - A number of schools have developed courses of this kind. Several will present reports on their programs, with general discussion following.

Chairman: Dr. W. Child, Carleton College  
Resource Persons: Dr. E. Fuller, Beloit College  
Dr. K. Kaufman, Kalamazoo College

5. INSTRUMENTATION REQUIREMENTS IN THE UNDERGRADUATE CHEMISTRY CURRICULUM - The emphasis in this discussion will be on the criteria for choosing necessary instruments rather than merely accumulating a list of "required" equipment.

Chairman: Dr. R. Bayer, Carroll College  
Resource Person: Dr. J. Zimmerman, Wabash College

6. ACS APPROVAL OF UNDERGRADUATE CHEMISTRY DEPARTMENTS - The purpose of this group is to provide information about ACS requirements for the benefit of those MACTLAC departments not yet on the approved list who are interested in obtaining ACS approval.

Chairman: Dr. S. F. Darling, Lawrence University  
Resource Person: Dr. E. L. Haenisch, Wabash College

7. APPLICATIONS OF NUCLEAR MAGNETIC RESONANCE IN ORGANIC CHEMISTRY - Those who have had experience in this field are invited to share their results with their colleagues. All who are interested in learning about this new and exciting field should come and have their questions answered.

Chairman: Dr. J. McFarland, DePauw University

8. ROLE OF ANALYTICAL CHEMISTRY IN THE UNDERGRADUATE CURRICULUM - This oft-debated topic is still lively and pertinent. A number of viewpoints will be represented and you are invited to participate.

Chairman: Dr. S. Watkins, Coe College  
Resource Persons: Dr. R. Ramette, Carleton College  
Dr. J. Bixler, Lake Forest College  
Dr. W. Stratton, Earlham College  
Dr. D. Carley, Ripon College

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES  
Fourteenth Annual Meeting - Lawrence University - 1965

Friday, October 15 (Central Daylight Saving Time)

- 10:30 AM Executive Council Meeting and Luncheon, Colman Hall
- 10:30-1:30 Registration - Lobby of Youngchild Hall of Science
- 1:30 General Meeting - Lecture Room of Youngchild Hall
- 1:45-3:15 Discussion Groups (see descriptions on reverse side)
1. Open Round Table Discussion
  2. The Role of MACTLAC Departments in the Preparation of High School Science Teachers
  3. Research Seminar in Coordination Chemistry
  4. The Combined Introductory Course in Chemistry and Physics
  5. Instrumentation Requirements in the Undergraduate Chemistry Curriculum
  6. ACS Approval of Undergraduate Chemistry Departments
  7. Application of Nuclear Magnetic Resonance in Organic Chemistry
  8. Role of Analytical Chemistry in the Undergraduate Curriculum
- 3:15 PM Coffee Break - Memorial Union, Riverview Lounge
- 3:45-4:30 Discussion Groups Continue
- 4:30-6:30 Open House - Youngchild Hall of Science
- 7:00 PM Dinner - Colman Hall Dining Room
- 8:30 PM Panel Presentation: "Freshman Studies at Lawrence: From Plato and the Bible to Einstein and the Genetic Code"  
Participants: Lawrence Faculty Members who have taught or are teaching Freshman Studies  
Riverview Lounge, Memorial Union.

The lounge and the snack bar of the Union will be open after the evening program until 11:00 PM.

Saturday, October 16

- 8:30-9:30 Lecture: "A New Approach to the Electronic Structure of Matter",  
Dr. Henry Bent, University of Minnesota, Lecture  
Room, Youngchild Hall of Science
- 9:30 Coffee Break, Riverview Lounge, Memorial Union
- 10:00-11:00 Lecture: "Studies on Responses of Tumor Enzymes to Normal  
Control Mechanisms", Dr. Van R. Potter, University  
of Wisconsin, Lecture Room, Youngchild Hall of Science
- 11:00-12:15 Business Meeting, Lecture Room, Youngchild Hall of Science
- 12:30 PM Luncheon - Colman Hall Dining Room

Travel

Automobile

Appleton is on Highway 41 between Oshkosh and Green Bay. Leave 41 at Highway 125, which becomes Appleton's College Avenue.

Train

There are two trains a day from Chicago, one leaving about 7:00 AM and arriving in Appleton at 11:40 AM, the other leaving about 3:00 PM and arriving at about 7:20 PM. These are on the Chicago and Northwestern Railway.

Plane

North Central Air Lines serves both Appleton (one flight a day each way between Appleton and Chicago) and Oshkosh, 25 miles south of Appleton. In addition a new local airline, Air Wisconsin, will have four flights a day between Appleton and Butler Field, adjacent to O'Hare, starting August 23, 1965. They will be using 12 passenger DeHaviland Doves, and the fare is the same as North Central's. Their flights are non-stop, with a flight time of 1 hour and 5 minutes.

The Air Wisconsin schedule is:

<u>Mon. - Fri.</u>	<u>Sat.</u>	<u>Sun.</u>
Leave Appleton	Leave Appleton	Leave Appleton
7:00 AM	9:00 AM	2:30 PM
10:20 AM	12:50 PM	5:45 PM
3:10 PM		
6:30 PM		
Leave Butler	Leave Chicago	Leave Chicago
8:45 AM	10:45 AM	4:05 PM
1:35 PM	2:30 PM	8:20 PM
4:55 PM		
8:30 PM		

Reservations with Air Wisconsin must be made directly and not through other air lines. Their Appleton address is P.O. Box 70. Appleton phone number is 739-5123. Their Butler phone is 686-7424. Phone them when you arrive at O'Hare and a station wagon will pick you up and drive you to Butler. The standard 45 minute interval between flights will be sufficient.

If you fly into Oshkosh, the normal limousine fare to Appleton is \$5.50. If you let Robert Rosenberg, at Lawrence, know two weeks before the meeting the time of your arrival at Oshkosh, somewhat lower rates can be arranged.

## Housing

Since parking on campus is very limited, we recommend that as many of you as possible stay at the Conway Motor Hotel, which is new and pleasant and is a ten minute walk from campus. You can then leave your car at the Hotel parking lot. A postpaid reply card is enclosed for your convenience.

Alternatively, a number of modern motels are available in Appleton, as indicated by the enclosed list.

Please make all reservations directly with the hotel or motel of your choice.

A map of downtown Appleton and a campus map are also enclosed. Note the location of the campus as stamped on the city map.

## Meals

Friday Lunch - members are urged to find their own eating places, as the Union has a limited capacity.

Dinner - 7:00 PM. Dining Room, Colman Hall, \$2.50

Saturday Breakfast - Same as Friday lunch.

Saturday Lunch - 12:30 PM, Dining Room, Colman Hall, \$1.50

Reservations for meals should reach Lawrence University by October 8.