

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES

Office of the Secretary Treasurer
Carroll College Waukesha, Wisconsin

September 13, 1968

Dear MACTLAC Member:

The enclosed information concerns the sixteenth annual MACTLAC meeting to be held October 11-12 at Carroll College, Waukesha, Wis. The officers and Ray Wendland, as the host and program chairman, have planned a stimulating program incorporating many new ideas.

The charter members of MACTLAC believed that the annual meeting should provide the opportunity for teachers to share ideas and discuss current and similar problems. To this end the program includes a special AC3 report on chemistry in the liberal arts colleges, a description of some new ideas in analytical chemistry, and a special lecture by Dr. Hubert Alyea. A new idea in discussion groups is introduced under the title "Tricks of the Trade." In this group, members will have the opportunity to reveal secrets which have made their teaching effective. Other discussion groups are concerned with current topics of interest to all.

The enclosed envelope allows for preregistration 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 4. We expect a large attendance and last minute reservations will put an unnecessary strain on the college staff.

The current dues are \$1.00 and the registration fee is \$1.00. The registration fee is used to aid the host school in obtaining special speakers. The meal Friday evening will be \$3.25 and the Saturday luncheon will be \$1.25. Thus, full participation involves \$6.50 plus any back dues. You will be on your own for Saturday breakfast.

Information on transportation and housing is enclosed. Housing reservations should be made directly with the Avalon Hotel as soon as possible.

Circle the date October 11-12 and join us at Carroll to greet old friends and make new ones, and to participate in what we think will be a stimulating and challenging meeting.

Sincerely yours,

Richard Bayer

Richard Bayer

RB:dlm

DISCUSSION GROUPS - 1968 MACTLAC MEETING

Friday, October 11, 1968

1. CHEMISTRY IN THE LIBERAL ARTS COLLEGES - AN AC₃ REPORT
An opportunity to discuss at length ideas and questions raised by Dr. Walter in his lecture.
Coordinator: Dr. Eugene Jekel, Hope College.
Resource Person: Dr. Robert Walter
2. TRICKS OF THE TRADE
Chairman: Dr. Arne Langsjoen, Gustavus Adolphus College
Audience participation will be invited to offer additional ideas.
 - a) "A model for relating orbital geometry to a set of cartesian coordinates" - Dr. Earl Scott, Ripon
 - b) "A three-dimensional model to illustrate the concept of critical radius ratios". - Dr. Larry Wilson, Ohio Wesleyan
 - c) "Films for pre-lab instructions" - Dr. Don McMasters, Indiana University
 - d) "The use of demonstration participation laboratories in the non-majors course" - Dr. James Beatty, Ripon College
 - e) "An Exercise for testing the law of definite composition" - Dr. Dale Wilhelm, Ohio Northern
 - f) "Introducing Oxidation and Reduction by means of Electrochemical Reactions" - Dr. William Rice, Beloit College
3. RELATIONSHIP OF LABORATORY TO CLASSROOM THEORY - LOOSE OR TIGHT?
Should laboratory work follow in lock-step fashion with classroom work? Should the order of presentation of information to the student be determined by the nature of the material? The answers to these questions will be discussed in relation to the different objectives of the lecture and of the laboratory.
Chairman: Dr. Jay Young, Kings College
4. AUDIO-VISUAL-TUTORIAL METHOD OF INSTRUCTION
A discussion and demonstration of a unique method of instruction in science will be described by the chairman of the Geography Department at Carroll College. The results of three years experience, procedures, equipment and costs will be discussed.
Chairman: Dr. Benjamin F. Richason, Carroll College
5. OFF-CAMPUS STUDY OPPORTUNITIES FOR CHEMISTRY MAJORS.
The discussion will involve the various kinds of off-campus programs, their value to chemistry majors, and ways in which chemistry departments may take maximum advantage of the opportunities available.
Chairman: Dr. Henry Gates, Milton College
6. BIOCHEMISTRY IN THE UNDERGRADUATE CURRICULUM - GOALS AND PROBLEMS
This discussion will center around the diverse goals of undergraduate courses in biochemistry and the problems which flow from this diversity of goals.
Chairman: Sister Paul Michael Slakey, St. Dominic College

TRAVEL AND HOUSING

AUTOMOBILE: Waukesha is located 20 miles west of Milwaukee, on Highway I-94. The enclosed map shows how to reach Waukesha and Carroll College from the interstate highway.

BUS AND TRAIN: Greyhound and Wisconsin Coach Lines serve Waukesha. There are no passenger trains into Waukesha, but Milwaukee is served by the Chicago and Northwestern and the Milwaukee Road. The railroad terminal in Milwaukee is close to the bus terminal, from which buses leave for Waukesha about hourly during the day.

AIRLINES: Several major airlines serve Milwaukee. See your travel agent for details. There is no limosine service to Waukesha, but rental cars are available at the airport, which is located on the south side of Milwaukee as shown on the map. Taxi fare between the airport and Waukesha ranges from \$10.00 to \$13.75, with no charge for extra passengers.

HOUSING: Waukesha has one good downtown hotel, the Avalon Motor Inn, about five blocks from the Carroll campus, with free parking for guests. There are also many other motels in the Waukesha area, most of which are located several miles from the Carroll campus along Highway 18. A list of several of these motels is given below. (The larger the address number, the closer the motel is to Waukesha) You may make reservations at any of these motels through the Avalon by filling out and returning the enclosed post card. If you do not specify a particular motel, you will be accommodated in the Avalon until they are full, after which they will place you in one of the other motels. If you have difficulty with housing or transportation, contact Michael Fallgatter, Chemistry Department, Carroll College, phone number 414-547-1211, Ext. 311.

| <u>Hotel</u> | <u>Singles</u> | <u>Doubles</u> | <u>Twins</u> |
|--|----------------|----------------|--------------|
| Avalon Motor Inn 222 Park Place, Waukesha | \$8.00-10.00 | 11.00-15.00 | 12.00-18 |
| Algiers Motel 19035 Blue Mound Road, Brookfield | 7.50 | 10.50 | 12.50 |
| Blinkin 'N Nod Motel 13040 Blue Mound Road, Milwaukee | | 12.36 | 14.42 |
| Blue Crest Motel 10900 Blue Mound Road, Milwaukee | 9.27 | 11.33 | 12.36 |
| 40 Winks Motel 11017 Blue Mound Road, Milwaukee | 9.00 | 12.00 | 14.00 |
| Leilani Motel 18615 Blue Mound Road, Brookfield | 9.00 | 13.50 | |
| Sleepy Hollow Motel 12600 Blue Mound Road, Milwaukee | | 13.39 | 14.42 |
| Trails Inn Motel 20340 Blue Mound Road, Brookfield | 10.00 | | 14.00 |