

DISCUSSION GROUPS AND "SHORT-COURSES"
1966 MACTLAC Meeting - Luther College

"Short-Courses"

1. MASS SPECTROMETRY - The topic will be approached as a branch of organic chemistry, and developed to include techniques for studying underlying reactions, the chemistry of gaseous organic ions, and application to studies of molecular structure. No previous experience assumed.

Leader: Mr. Seymour Meyerson,
Research and Development Department
American Oil Company,
Whiting, Indiana

2. ELECTRON SPIN RESONANCE SPECTROMETRY - The fundamentals of ESR will be presented: a description of experimental techniques, and applications to chemical problems.

Leader: Dr. Robert Coffman,
Augsburg College

Discussion Groups

- 3A. QUANTUM CHEMISTRY IN THE UNDER-GRADUATE CURRICULUM
An opportunity to discuss at length ideas and questions raised by Dr. Yankwich in his lecture. Meets Friday afternoon only.

Chairman: Dr. John Coutts, Lake Forest
Resource Person: Dr. Peter Yankwich

- 3B. CHEMISTRY IN NON-AQUEOUS SYSTEMS - An opportunity to discuss the paper presented by Dr. Schaap. Meets Saturday morning only.

Chairman: Dr. Walden Heino, Luther
Resource Person: Dr. Ward Schaap

4. LABORATORY EXPERIMENTS IN FIRST YEAR CHEMISTRY - The discussion will focus on the particular pedagogical function of selected types of laboratory experiments.

Chairman: Dr. Earl Scott, Ripon

5. INTERDISCIPLINARY STUDIES - Interdepartmental courses at the upper class level will be discussed.

Chairman: Dr. James Finholt, Carleton

6. MODERN QUALITATIVE ORGANIC ANALYSIS - The traditional course will be critically examined in the light of recent developments in instrumentation.

Chairman: Dr. W. B. Martin, Lake Forest
Resource Persons: Dr. Addison Ault, Cornell
Dr. J. E. Rogers, Jr., Earlham

7. INTRODUCTORY CHEMISTRY COURSES FOR NON-MAJORS - A brief report on the AC₃ conference on Chemistry for the non-science major will be presented. Discussion will focus on "minimum needs" for an educated person.

Chairman: Dr. W. A. Nevill, Grinnell
Resource Person: Dr. Frank Green, Wheaton

8. LIBRARY HOLDINGS AND THEIR USE - The topics to be covered include library needs and the use of micro forms.

Chairman: Dr. Lee Harris, Knox
Resource Person: Dr. Allen Hanson, St. Olaf

9. RESEARCH GRANTS FOR THE SMALL COLLEGE - Representatives from the major foundations, both private and government, will be present: NSF, PRF, Research Corporation, Hill Family Foundation.

Chairman: Dr. Ray Wendland, Carroll

10. THE ADVANCED ANALYTICAL COURSE - The recent article in Analytical Chemistry by Reilly, and the discussion at the recent ACS meeting in New York will serve as points of departure.

Chairman: Dr. John Marshall, St. Olaf

perhaps the Dr. title could be dropped?

Dear MACTLAC Member:

The enclosed information concerns the annual meeting to be held October 14 and 15 at Luther College in Decorah, Iowa. A program has been planned with certain experimental features which the committee hopes will be of interest.

In addition to the usual discussion groups, two "Short Short-Courses" have been scheduled for those who might like to get a more pedagogical approach than is usually attempted in a discussion group.

In order to capitalize more fully on the experience of our visiting lecturers, we have scheduled them for discussion groups following the Friday afternoon and Saturday morning lectures.

This explains then why the discussion groups are set for both Friday and Saturday. This arrangement will also permit members to participate in more than one discussion, and we suggest that it may be interesting to try this as an experiment. Your reactions to this change will be invited.

MEAL PRICES

Friday dinner \$2.50

Saturday lunch \$1.50

We must know before October 7 which ^{scheduled} meals members expect to have ^{at the college} here and which discussion groups or short courses they expect to attend. Housing reservations should be made early.