

DISCUSSION GROUPS - 1969 MACTLAC MEETING

Elmhurst College

1. Discussion of Dr. Weinberg's Talk. Dr. E. C. Fuller. Science Center Auditorium.
This group will meet on Friday only.
2. Computers-Sharing of Experience. Dr. K. J. Weidenbaum. Room 209
This discussion group will provide an opportunity for those who have had experience with using the computer at their colleges to share their knowledge with others. Of great interest would be the techniques and styles used to involve freshmen and organic students. Comparisons of hardware (small computers vs. terminals) can be discussed. Any innovative techniques that have been developed to aid the understanding of undergraduate course material could be discussed. Exploration of ways to increase communication between schools for the purpose of sharing programs could be done.

On Saturday Morning Dr. Peter Lykos will lecture on "Computers in the Liberal Arts College." The discussion group could meet after the lecture to continue their discussions or follow up new aspects introduced by Dr. Lykos' talk. The group will meet in the Science Center Auditorium.

3. Tricks of the Trade. Mr. Dale Wilhelm. Room 205
Friday Afternoon:
 1. "The Student-Led Discussion Group" H. Warren Smith, Earlham College.
 2. "A Model to Illustrate Crystal Field Splittings and d-Orbitals," Larry Wilson, Ohio Wesleyan University.
 3. "Color Transparencies for General Organic Course," William H. Coppock, Drake University.
 4. "Use of Reproductions of Overhead Projecturals," Donald B. Summers, New Mexico State University.Saturday Morning:
 1. "A Demonstration in Organic Chemistry," Ray T. Wendland, Carroll College.
 2. "A Mechanical Model for the Spinning Nucleus," Howard Burkett, DePauw University.
 3. "The V-S-E Surface of J. W. Gibbs," Spencer K. Porter, Concordia College.

4. "Hydrogen Bonding Described in Terms of Simple M. O. Theory,"
T. A. Beineke, Monmouth College.

4. ACS - List of Approved Colleges. This discussion group has been canceled.

5. Qualitative Organic Analysis in the Undergraduate Curriculum. Dr. William Gasser.

Room 203

The following items will be discussed: wet chemistry, instrumentation, preparation for instrumentation, use of the computer, samples, commercial analyses, proper place in the curriculum. The experiences of all colleges in this area would be of interest.

6. Recent Trends in Advanced Analytical Chemistry. Dr. Berwyn Jones. Room 005.

During the past few years new approaches in Analytical Chemistry have been developed. These will be discussed.

7. Senior Thesis; Independent Study; Honors Program. Dr. Wayne Wolsey. Room 228.

This group will share programs in these areas. The group leader will describe the program at Macalester College.

8. Course Content, General Chemistry for Non-Science Majors. Dr. Donald Cook. Room 004.

This group will consider what methods are now being employed to present a course in Chemistry which is relevant to the needs of the non-science liberal arts major. The question to be considered as most important is, "How do we make a course in Chemistry truly relevant and still maintain it as a course Chemistry?"

9. Grant Proposal Workshop. Brian Andreen, Dr. Richard Bayer. Room 138.

The following questions will be considered. What comprises a proposal? What does a foundation take into consideration in evaluating proposals? How can proposals be improved?

10. Round Table, Administration of Chemistry Departments. Dr. Bernard Nelson. Room 106

Open to topics of mutual interest. Budgetary policies; research policies; recruitment of personnel and majors are possible areas for consideration.