

MACTLAC 35  
DISCUSSION GROUPS

- A. Discussion with Stan Smith
- K. Discussion with Garland Marshall

Follow-up discussions of lectures.

- L. Kekulé's (Fictitious) Dream -  
John Wotiz

Dr. Wotiz presents evidence that Kekulé's dream was indeed fictitious.

- B. Discussion Group on  
Biochemistry

- C. Discussion Group on  
Inorganic Chemistry

- F. Discussion Group on  
Analytical Chemistry

- G. Discussion Group on  
Organic Chemistry

- H. Discussion Group on  
Physical Chemistry

- M. Discussion Group on General  
Chemistry (for science  
majors)

- N. Discussion Group on Intro-  
ductory Chemistry (for  
nonscience majors)

Discussion groups on the different subject areas will focus on such things as: topics covered in lecture; textbooks used; lab experiments performed; and special problems in teaching the course.

- D. Undergraduate Research (NSF)-  
Ted Reid

- I. Undergraduate Research (PRF and  
Research Corp.) - John Malin  
and Brian Andreen

Representatives from NSF, PRF, and Research Corp. will provide the latest information regarding undergraduate research grants--what is available and how to apply for them.

- E. Computer Software (evaluation  
and exchange)

Phil Bays will discuss how to go about evaluating software. Participants will be encouraged to describe their own experiences with software they have used and to exchange any public domain software. Some commercial software will be available for inspection.

- J. Chemical Applications of  
Microcomputers (Friday)

Stan Burden will demonstrate a low-cost computerized titrator interfaced to a game port. He will also describe other systems using ADALAB. Harry Neumiller will demonstrate some programs he has written for use on the Macintosh, including ones which allow calculation and plotting of Hückel MO's.

DISCUSSION GROUPS (cont'd.)

- O. Chemical Applications of Microcomputers (Saturday) John Zimmerman will take "A Look to the Future" regarding what one can do with Apple and IBM computers. Mike Collins will demonstrate the use of ADALAB with: (1) a kinetic study involving a DB-G interfaced with an Apple computer; (2) a Beer's Law analysis involving use of a Spec-20 with an Apple.
- P. General Topics (student assessment, faculty development, etc.) Harold Anderson will present some data regarding MCAT scores of entering Med. & Vet. school students at the University of Missouri over a period of several years. Assessment of student learning will be discussed. Other topics include professional development of faculty in small colleges and participation of faculty in a core course outside of science. Attendees are encouraged to suggest their own ideas for topics to be discussed.

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NAMES & ADDRESSES OF LECTURERS AND RESOURCE PEOPLE

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