

August 10, 1970

Professor Enno Wolthius  
Department of Chemistry  
Calvin College  
Grand Rapids, Michigan 49506

Dear Enno:

The following is a listing of my reaction to personnel possibilities for your suggested MACTLAC program. I have also enclosed a list of MACTLAC members to aid you in locating people. In general, MACTLAC interest groups are run by MACTLAC members, but I see nothing wrong with taking advantage of non-member expertise as resource personnel and/or as discussion leaders. This might be of advantage in those areas that are not unique to the realm of liberal arts chemistry instruction, i.e., environmental chemistry, photochemistry, computers, etc. Perhaps there is someone in a neighboring university or industry who could lend quite a bit to the presentation in some of the areas?

As for MACTLAC members, my suggestions are:

1. Environmental Chemistry - - I recall reading somewhere that a member of the Hope staff had either made a comment to the press or had testified before a congressional committee on the effect of Hg poisoning. My guess is that it was David Klein, but I'm not sure of it.
  2. Photochemistry - - Doug Neckers(Hope) has written a book in this area. He has also co-authored(I think with Dick Carlin of Carleton) an organic chemistry laboratory text.
  3. Biochemistry - -
  4. Chemical Literature - - I know of no one doing unique work in this area. Perhaps a department chairman could serve as a catalyst to discuss what possibilities exist in the area.
  5. Inorganic Chemistry - - The last time this was offered (Lake Forest), Jim Vinhold (Carleton) and Earle Scott(Ripon) chaired simultaneous, separate sessions.
  6. 4-1-4 program. DePauw is the only school I know to be using the 4-1-4 program. They will begin this fall. John McFarland(DePauw) is a strong advocate of the program.
  7. Computers - - I know Dick Bayer (Carroll) has done extensive programming in equilibrium calculations. I also think that Carleton has done some computer aided instruction.
- There should be some feedback by now on the usefulness of the various time-share systems operating within MACTLAC.
8. Integrated Courses - - Ed Fuller(Deloit) and Bob Rosenberg(Lawrence). The latter's "The Principles of Physics and Chemistry" is now on the market. Our physics-chemistry course for majors will disband this fall, but we will continue to offer a combined course for non-majors.

9. Analytical Experiments - - Dick Komette (Carleton) is the IACILAC expert in analytical experiments at the introductory level. Carleton may also have a course in trace analytical methods.

This area might be a good spot for a "tricks of the trade" type presentation. The past criticism of this approach was that the topics were too diverse to be of interest to the general audience. It might go better with an announced topic.

10. Quantitative Organic - -

Please call if I can be of further assistance.

Sincerely,

John F. Zimmerman

P.S. The typing mistakes are my own - - our secretary is on vacation.