

GUSTAVUS ADOLPHUS COLLEGE  
St. Peter, Minnesota 56082

2 September 1968

Department of Chemistry

Dr. Richard Bayer  
Dept. of Chemistry  
Carroll College  
Waukesha, Wisconsin

Dear Dick,

I guess it's time I sent you the discussion topics for the programs on "Tricks of the Trade". As you know, Cliff Meints agreed to be co-chairman. I've taken the liberty of asking him to chair the Saturday session and I'll take the Friday program. I've received a good response - though very many regretted that they either could not attend or had nothing clever to contribute.

May I assume that you'll take care of these entries on the program? I'll be perfectly happy to accept any rearrangement - as well as additions to the program.

FRIDAY

Chairman, Arne Langsjoen, Gustavus Adolphus College

1. "A Model for Relating Orbital Geometry to a Set of Cartesian Coordinates"  
Dr. Earl Scott, Ripon.  
(Dr. Larry Wilson of Ohio Wesleyan also has suggested - "A Three-dimensional d-Orbital Model" as a possibility for him, but since he had another topic (No 2) I'll simply suggest that he keep it in reserve to amplify the discussion following Scott's presentation)
2. "A Three-dimensional model to Illustrate the Concept of Critical Radius Ratios"  
Dr. Larry Wilson, Ohio Wesleyan
3. "Films for Pre-lab Instruction", Dr. Richard Bayer, Carroll or Dr. Don McMasters, Univ. of Indiana. (Dick, please put this in the way you want it - changing the title if misleading etc. Dr. McMasters answered by suggesting this topic and I think it's great.)
4. "The Use of Demonstration Participation Laboratories in the Non-majors Course"  
Dr. James Beatty, Ripon College. *(Also has one for Saturday)*
5. "An Exercise for Testing the Law of Definite Composition"  
Dr. Dale Wilhelm, Ohio Northern.
6. "Introducing Oxidation and Reduction by means of Electrochemical Reactions"  
Dr. Wm. Rice, Beloit
7. "A Unified Laboratory Program Involving Synthesis and Analysis"  
Dr. Larry Wilson, Ohio Wesleyan  
(Since Larry's also scheduled for number 2, perhaps this one should be omitted? I can easily contact him and ask him to allow me to call on him for this one if the discussion and participation from the floor slows to a halt.)

Ed Haenisch and Jay Young also had submitted topics, but Ed had to withdraw because he has another meeting in New England on ~~Wed~~ Oct 11-12. Jay Young, as you know, is involved in another part of your program and will hold his for presentation from the floor if his schedule will permit it.

Since I'm really not sure of the time interval we'll have etc., will you simply put this into a suitable schedule, let me know of it and of any changes, and then I'll contact each of the participants and take it from there - OK? I'm wide open for suggestions.

SATURDAY

Chairman, Clifford Meints, Simpson College

1. "The Gibbs Phase Rule" Dr. James E. Blair, Milton College
2. "Introducing Molecular Orbitals by means of United or Separated-Atom Limits"  
Dr. Wm. Rice, Beloit (Dr. Rice also has the next one, number 3 as well as one on the Friday schedule)
3. "Environmental Symmetry and the choice of p-Orbitals"  
Dr. Wm. Rice, Beloit
4. "A Topic Course Approach to Physical Chemistry"  
Dr. James Beatty, Ripon College  
(Dr. Beatty also has one for Friday)
5. "Selected Innovations from the MACTLAC Cooperative Physical Chemistry Manual"  
(Dr. W. C. Oelke, Grinnell College  
(I'm certain that Dr. Oelke could fill in several ten minute periods and he could be kept in reserve by the chairman for fallers)
6. "Not Using Examinations to Evaluate"  
Dr. Jay Young, Kings College  
(Contingent, of course, on proper scheduling - he's involved in another program also - and maybe this should be left for presentation from the floor - Dick, you'll be able to tell whether it should be included)

I'm sending this same list to Dr. Meints (Cliff). If you'll send him the schedule you arrive at, he'll likewise take care of the rest for Saturday - and I can be a standby. I'll conjure up something to present from the floor if such is needed.

I'll be in Atlantic City Sunday through Wednesday noon and have a room at the Madison Hotel. If there are any questions or if you have any suggestions for me, maybe it would save time and trouble to call me there. Leave a message and I'll call back or meet you somewhere. I'm going there mainly to meet with the Curriculum Committee of the Div. of Cml Educ. on Sunday. Unfortunately our classes start that Monday. If Ray's going, will you tell him to give me a ring if he wants dinner company too. It would be good to see you both again.

I've had a great summer. But now I'm a bit sobered by the consequences!

Sincerely yours,

