

Please assist your organization. A few minutes of your time spent responding to the following questions will be appreciated by those planning the twenty fifth meeting of MACTIAC at Kormout. Please return your completed copy to Marvin Dixon BEFORE YOU DEPART OR MAIL IT TO: Marvin Dixon, Department of Chemistry, William Jewell College, Liberty, Missouri 64068.

1. Would you like to resume discussion of topics initiated at this meeting? If so, which one(s)?
 - a. Chemistry Abstracts
 - b. No
 - c. General Chemistry
 - d. Undergraduate Research
 - e. Curriculum Innovations
 - f. The open forum research report we had in Joe Penforth's room
 - g. OSHA
 - h. Psychology in Teaching Methods
 - i. Nos. 6, 8, & 9
 - j. Chem. Ed. & OSHA
 - k. Implications of OSHA
 - l. Fac Devel. NSF
 - m. Future Courses of Chemistry
 - n. Use of Statistical in analytical Chem.
 - o. Experimental design
 - p. Analytical Chem. . . . in the Real World
 - q. Amicular Approaches which providefor Vocational funds in Chem.
 - r. Whether or not it is the responsibility of Liberal Arts Colleges to train people to pass the MCAT exam.
 - s. Nos. 3, 4, 5, 6, 8, & 9
 - t. Discussion of courses offered during the Jan. term.
 - u. the C.A.S. Problem
 - v. Career-oriented education
 - w. Faculty Development in General
 - x. Health Professions

2. What new topics do feel should be discussed by MACTIAC?
 - a. Allied Health Profession Yes 41 No 2
 - b. Psychology in Teaching Methods (Piaget and Others) Yes 53 No 6
 - c. Tenure Yes 16 No 21
 - d. Non Graduate School oriented Curriculum Yes 42 No 4
 - e. Other _____
 1. Instrument repair (costs)
 2. S.I. unit usage
 3. Evaluation of Keller-type courses
 4. Making money stretch in a problem, but equally pressing is making time stretch
 5. How "values" are dealt with in Chemistry courses for majors and non-majors
 6. Grading in Chemistry
 7. Alternative careers for faculty losing position in college teaching; How to re-tool, etc.
 8. Inspiring Lecture Demonstration and/or Lab experiences
 9. Use of facilities during summers
 10. Brief presentation of faculty research
 11. How to deal with students attitudes as discovered by Tom Lipincott
 12. Requirements and Guidelines for ACS Certification
 13. Use of lecture demonstration
 14. Undergrad research
 15. Tropical group discussions
 16. Transfer students from community colleges
 17. Retirement possibilities
 18. Seminars in Teaching Methods

3. A dimension of the Mannouth meeting will be reflection of the twenty five year history of the organization known as MACTIAC. Please suggest major topics or themes related to this dimension.
 - a. Revise the programs presented in the past 25 years to determine the topics which came up most frequently. A discussion of progress made could be presented.
 - b. Women in Chemistry
 - c. The role of Tradition in Chemistry
 - d. Changes in emphasis during 25 years
 - e. Changes in the Liberal Arts colleges over the past 25 years due to enrollment process.
 - f. I would like a list showing where previous meetings of MACTIAC were held, no. of persons present, officers, and no. of MACTIAC members.
 - g. Recognize Charter members
 - h. Please don't emphasize this aspect too much
 - i. Problems then vs. now
 - j. Brief summary of history and purpose
 - k. MACTIAC will be an old men's club if it looks back. The emphasis must be looking 25 or 50 years ahead. The meeting must be futuristic
 - l. Need an Historical perspective of college teaching. How has it changed, How is it the same, Should we panic or not _____ should we be worried?
 - m. Change in students and change in needed today
 - n. Alternative teaching delivery system for adult education
 - o. History
 - p. How unique is the Liberal Arts, Chemistry curriculum in comparison to University Chemistry Curriculum. I would like a session on research in which member schools gave brief descriptions of what was going on
 - q. Evolution of the major courses in Chemistry
 1. Intro
 2. Organic
 3. Physics
 4. Analytical
 - r. Changes in textbooks and changes in lab exercises
 - s. I would like to know the "Great men of MACTIAC"
 - t. Want to expand different topics such as: cost effectiveness, role of description chemistry, and role of instrumentative
 - v. Suggest that each college bring a photo of their sciences building as it was in 1952, when MACTIAC began and a current photo of their present science building.

4. What features or feature of the MACTIAC meetings held this year did you like best?
 1. The group discussions on Friday afternoon
 2. Hope College's inspiring and impressive facilities and faculty.
 3. Speakers were excellent
 4. Keynote and dinner speakers
 5. Breakfast plus business meeting
 6. Bryle Crawford's address
 7. Mixer
 8. Panel on Saturday
 9. Renewing acquaintances
 10. Timing of events
 11. The whole conference was an enjoyable experience
 12. Arrangements were excellent for the meeting
 13. A very good program
 14. The topics on MCAT, Chemistry Abstract, and Vocations
 15. Both major presentations were interesting.
 16. NSF Talks
 17. The Social Hour
 18. Small group meetings
 19. Talk by Lippincott and Crawford
 20. Good rooms for discussion
 21. The after dinner speech
 22. Business meeting at breakfast
 23. The tape recordings
 24. The past history of MACTIAC
 25. Private discussions with friends

- Least?
1. Nothing
 2. Saturday Morning Panel - too structured and obvious
 3. Panels
 4. Several sections were held at the same time so some did not get a chance to see them all
 5. Expected more from Lippincott's address
 6. Need to forbid smoking at the meetings
 7. Keynote speakers
 8. A few signs are needed to indicate where to find the registration area when needed
 9. Projector difficulties
 10. Projector light problems
 11. Some individuals talked too long
 12. After seeing the Chem dept here, I was ready to go home in despair
 13. Configuration particularly was bad for the opening speech
 14. An auditorium is much more satisfactory; both major speakers weren't particularly effective
 15. We need an earlier notice of dates
 16. Let's stop bringing in outsiders and listen to each other. At least, let's use guest from other undergrad colleges. The eastern schools. We should know them better and be willing to swap information.

5. What would you like to see MACTIAC do for its twenty fifth anniversary?

- a. Have Kent Wilson of the University of California speak
- b. Brief History of MACTIAC with acknowledgements to founders
- c. The strength and purpose of MACTIAC
- d. Have as many original members attend as possible - discuss changes in 25 years
- e. Recognition of Charter members
- f. Have the same discussion groups that were developed at the first meeting
- g. Make arrangements for a group picture of all MACTIAC members attending the 25th year meeting
- h. Have a good retrospective address
- i. History of MACTIAC
- j. Have a return visit by Professor H. Alyea from Princeton
- k. Put all surviving charter members on display - have them reminisce for us
- l. Laboratory for 70's
- m. Have a large birthday cake
- n. Some type of display indicating the contributions of each member departments to Chemistry
- o. Have a program that doesn't focus too much (if at all) on MACTIAC itself
- p. Have a big party
- q. Develop a teaching award for recognized members of MACTIAC

Please suggest major speakers for this dimension.

- a. Jack Courts
 - b. Arild Miller
 - c. Alt
 - d. Algbirth
 - e. Latlham
 - f. Dick Raynette
 - g. Anne Harrison
 - h. Ed Harnisane
 - i. Joe Danforth
 - j. Charter members of MACTIAC an outsider
 - k. Any department chairman from MACTIAC
 - l. Anna Jane Harrison of Mt. Holyoke
 - m. Isaac Asimo
 - n. Ed Fuller -- Bolect College
 - o. An original member who has been continuously active during the 25 years
- Slowinski*

6. Are you aware of the MACTIAC placement services?

Yes 53 No 1

Do you know how it works?

Yes 23 No 7