

The Mactlac Physical Chemistry Manual

A Cooperative Project of the Midwestern Association
of Chemistry Teachers in Liberal Arts Colleges

W. C. OELKE, Editor

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REPORT 1965

To all members and associates of MACTLAC, and especially to those whose departments have become contributing members of this project, our appreciation and thanks for your help, suggestions and encouragement during the past year.

The purpose, organization, and plans for this project were set forth in detail in our report for the year 1962. A few copies of this detailed report are still available and may be obtained by writing either your secretary or editor of the project. New MACTLAC members may wish to know that this project is a cooperative effort of physical chemists, within the MACTLAC organization, to evolve new or improved physical chemistry experiments, and to publish a manual for which we have contracts with D. Van Nostrand Co.

According to plans made several years ago by the Editorial Board, the published manual will consist of a Reference Section of general information useful to both students and teachers, and an Experimental Section. The Reference Section is a collaboration of a few authors, with Dr. Oelke being chiefly responsible for its development. This manuscript is in the final stages of completion. The Laboratory Section contains experiments submitted by many members of the MACTLAC organization. To date about 25 experiments seem ready for publication, although reporting by members on the testing of some of these has been meager. Three additional experiments will be distributed in multilith form this fall to all members of the Project. It is hoped that several new experiments will be submitted to the Board before the end of this year. Since it takes about a year to complete a printed book after submission of the manuscript, the earliest date for printed copies will be the fall of 1966.

Regardless of the publication of the 1st edition of the Manual, there seems no reason why this Project for the development and testing of new experiments can not be continued.

Some expression of continued interest, or the contrary, by members of the Physical Chem. Laboratory Manual Project present at this meeting will be appreciated. Perhaps a show of hands would be in order.

Present membership in the Project numbers 78 colleges. Unfortunately there have been some changes in personnel at various institutions which have not been reported. Since our secretary, Joseph Huselton, will be on leave this year, corrections in mailing addresses should be sent to your editor.

W. C. Oelke, Editor:

October 11, 1965

Presented by Archer C. Wilcox, Member of
Editorial Board.

MINUTES OF THE MACTLAC BUSINESS MEETING

HELD AT

ELMHURST COLLEGE: ELMHURST, ILLINOIS

OCTOBER 10-11, 1969

Executive Council Meeting, Friday, October 10, 1969: 10:15 a.m.

Present: W. Deskin (President) G. Hindman (Missouri)
Donald J. Cook (Indiana) D. Steffenson (Michigan)
E. Fuller (President Elect) W. Wolsey (Minnesota)
J. Ganchoff (Illinois) J. Zimmerman (Secretary-Treasurer)
H. Gates (Wisconsin)

E. Wolthuis, K. Piers and H. Broene (Calvin College - 1970 host)

Order of Business:

1. The minutes of the last Executive Council meeting were read and approved.
2. President Deskin appointed Wayne Wolsey as Chairman of a nominating committee, comprised of the state representatives, to select candidates for President-Elect and Secretary-Treasurer.
3. Plans for next year's meeting at Calvin College, Grand Rapids, Michigan were discussed. The 1970 meeting was set for October 9-10. Enno Wolthuis will act as Program Chairman.
4. Invitations were considered for hosting the 1971 annual meeting. Consideration of the geographical distribution of the immediate past and possible future sites and the sentiment to hold the 1972 meeting at Monmouth College were the two main factors entering into the discussion of a 1971 host institution. St. Olaf College was selected as the site of the 1971 meeting.
5. The Secretary-Treasurer presented a financial report, a copy of which is attached to the minutes.
6. There was a brief discussion of the type of report to be issued for the meeting. By consensus it was agreed to continue the brief summary letter format in lieu of returning to a more rigorous coverage of the various discussion groups.
7. The Secretary-Treasurer outlined the content of a letter from Dr. Arild Miller, Director of the MACTLAC Teacher Placement Service, which described the 1968-69 operation of the Service. Dr. Miller reported he had received 148 applications for the 16 positions he had listed in his placement directory. Dr. Miller indicated a willingness, in spite of the increased work load demanded by the Service, to continue as Placement Director.

There was some question about the usefulness of the Placement Service, but in view of Dr. Miller's willingness to serve as Director, it was decided to keep the service and continue its operation.

8. The Secretary-Treasurer was directed to forward a copy of the revised membership list to those members requesting a copy. The availability of the listing was to be announced in the Elmhurst meeting summary sent to all members in good standing.
9. The Secretary-Treasurer raised the question of membership status of those members whose current place of employment fails to meet the MACTLAC membership requirements. It was taken by consent that any member who joined MACTLAC via an association with a MACTLAC institution should have the option of retaining his membership on becoming employed at a non-eligible institution.

General Business Meeting, Saturday, October 11, 1969.

1. The minutes of last year's meeting were read and approved.
2. The following new state representatives to the Executive Council were appointed by a caucus vote of the members present from their respective states:

Minnesota	-	Richard Werth	Concordia
Missouri	-	Rose McNamee	Fontbonne
Wisconsin	-	Sister Elizabeth Kramer . .	Alverno

Those state representatives whose terms will expire in 1970 are:

Illinois	-	John Ganchoff	Elmhurst
Indiana	-	Donald J. Cook	DePauw
Iowa	-	F. Emmitt Jacob	Drake
Michigan	-	Daniel M. Steffenson	Albion

3. On behalf of the nominating committee, Wayne Wolsey presented the following slate of officers for 1969-70:

President	-	Edward Fuller	Beloit
President-Elect	-	Richard Bayer	Carroll
Secretary-Treasurer	-	John F. Zimmerman	Wabash

4. The assembly stood in a moment of silent tribute in honor of the memory of Ben Petersen, a MACTLAC Honorary Life Member. A memorial statement is attached to these minutes.
5. Dr. Deskin informed the group that Edward Haenisch, another Honorary Life Member, was recuperating from surgery and that he would appreciate hearing from his many MACTLAC friends. President Fuller was directed to write Ed a letter conveying MACTLAC's wishes for a speedy recovery.

6. Dr. Jack Coutts presented a report for the committee appointed to study possible action MACTLAC could undertake in response to the diminished governmental support of the Undergraduate Research Participation program. Response to a questionnaire dealing with URP participation in MACTLAC institutions was reported to be too sparse to be of value. Dr. Coutts expressed the belief that the most effective response was for individual institutions to personally expose their Congressmen to the problem.
7. A round of applause was offered in appreciation for the excellent meeting accommodations arranged by Rudolph Priepke and his staff.

Executive Council Meeting: Saturday noon, October 11, 1969.

1. Wayne Wolsey expressed the sentiment that the nominations committee chairman should be appointed before the annual meeting in order to provide more time to consult with prospective nominees. President Fuller nominated Donald J. Cook as chairman of the 1970 nominations committee. The Secretary-Treasurer was directed to inform the membership that nominations were being solicited prior to the annual meeting.
2. The Secretary-Treasurer was directed to look into the possibility of establishing a permanent record of MACTLAC minutes and other MACTLAC items of historical interest.
3. Considerable time was spent discussing President Fuller's question, "What changes, if any, should be made in MACTLAC to better meet the needs of its members?" There was a consensus that the annual meeting continued effectively to meet the founders' purpose of bringing Midwestern liberal arts college chemistry teachers together for a mutually beneficial sharing of ideas.

Two concrete suggestions for further consideration grew out of the discussion. First, it was suggested that the annual MACTLAC meeting could provide a format for a "short course" exposure to some "new topic" of interest to the college chemistry teacher.

The second suggestion was that we draw on the expertise of those MACTLAC members who have experience in reviewing grant proposals to form a corps of volunteers to aid members submitting proposals, particularly departmental proposals, for the first time. A volunteer would be available to review a proposal and to make suggestions for changes he felt were necessary for the proposal to meet the granting agency requirements. The goal of such a service would be to help insure that a proposal could stand on its merit and not be turned down because of an oversight on a technicality of format, content, style, etc.

Respectfully submitted,

John F. Zimmerman
Secretary-Treasurer MACTLAC