

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS
IN LIBERAL ARTS COLLEGES

Office of the Secretary-Treasurer

Earlham College
Richmond, Indiana

September 20, 1963

Dear MACTLAC Member:

The enclosed information concerns the coming meeting to be held on October 18-19 at Wabash College in Crawfordsville, Indiana. Your officers and Ed Haenisch as the host have given considerable thought to the program and we believe it will be an interesting and stimulating one.

This year we are providing some advance information about the discussion groups for Friday afternoon, so that people will have an idea of topics likely to be covered and be ready with additional questions or topics they might wish to see included. We are also trying the experiment of having one or more resource people for each group in addition to the chairman.

The enclosed envelope allows for preregistration and payment of dues. We hope that all members will cooperate in this way as soon as plans are clear. Prepayment greatly simplifies registration procedure when you arrive. If you are reluctant to enclose payment for fear of changing plans, please mail the filled-out envelope anyway with indications of your probable plans, no later than October 10.

The \$1.00 registration fee will be fully credited toward current dues for members. The banquet meal Friday evening will be \$2.00. (Please specify whether you prefer meat or fish.) The Saturday luncheon will be \$1.50. You will be on your own for Saturday breakfast. For those arriving before noon on Friday, you may eat at the College Cafeteria or the Scarlet Inn -- both in the Campus Center.

Information on housing is enclosed. You should make your own reservations directly with one of the motels or hotels. Please make reservations by October 10. Interest has been expressed several times in the possibility of playing golf on Friday morning. Any members who are interested in playing golf this year should contact Quentin Peterson at Wabash College by October 11.

The executive council is always ready to receive and act on invitations for future meetings. We have not yet considered the location for the 1965 meeting, and if your president would like to have your institution serve as host at that time, he should mail an invitation to the secretary-treasurer. (The 1964 meeting will be held at Lake Forest College near Chicago.)

I shall look forward to seeing you at Wabash.

Sincerely yours,

Wilmer J. Stratton
Wilmer J. Stratton

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES

Wabash College Twelfth Annual Meeting Crawfordsville, Indiana

Friday, October 18 (ALL TIMES ARE E.S.T.)

- 11:00 AM Executive Council Meeting and Luncheon
For arriving members luncheon available in College Cafeteria (serving 11:30 to 12:45); sandwiches and fountain service available in Scarlet Inn (open continuously). Both located in the Campus Center - see map.
- 12:30 PM Registration - Lobby, Campus Center
- 1:30 PM General Meeting - 3rd Floor Auditorium, Lilly Library
- 1:45 PM Discussion Groups - Details on attached list (Rooms to be announced.)
1. New Ideas in General Chemistry Laboratory
2. Problems Arising from Academic Calendar Changes
3. Ways and Means of Meeting the New A.C.S. Minimum Standards
4. New Ideas in Organic Laboratory
5. The Use of Visual Aids
- 3:30 PM Coffee Break - Lounge, Campus Center
- 4:00 PM Discussion Groups - resume
- 7:00 PM Banquet - Campus Center
- 8:00 PM "Research in Liberal Arts Colleges - Wabash College" - 3rd Floor auditorium, Lilly Library

The session will begin with a brief discussion led by Quentin R. Petersen, Wabash College, and will be followed by visits to research projects in botany, chemistry, physics and zoology, and tours of the two science buildings; Goodrich Hall (physical sciences) and Waugh Hall (life sciences). Refreshments will be available in Goodrich 104.

Saturday, October 19

Breakfast in College Cafeteria (serving 7:15 to 8:30); juice, doughnuts, sweet rolls and coffee in the Scarlet Inn from 8 AM on.

- 8:30 AM Panel Discussion: "The Role of Descriptive Chemistry in the College Curriculum" - 3rd Floor auditorium, Lilly Library

Leaders: Robert Brasted, University of Minnesota; Harry Sisler, University of Florida; Kent Wilson, Tufts University
- 10:15 AM Coffee Break - Seminar Rooms, Lilly Library
- 10:45 AM General Meeting - 3rd Floor auditorium, Lilly Library
Report by Harry Lewis on Research in MACTLAC Schools; Election of State Representatives to Executive Council; Election of New Officers; Business
- 12 Noon Buffet Luncheon - Basement, Campus Center

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES

Wabash College

Twelfth Annual Meeting

Crawfordsville, Indiana

Friday, October 18

(ALL TIMES ARE E.S.T.)

11:00 A.M. Executive Council Meeting and Luncheon
 [For arriving members luncheon available in College cafeteria (serving 11:30 to 12:45); sandwiches and fountain service available in the Scarlett Inn (open continuously). Both located in the Campus Center — see Campus map].

12:30 P.M. Registration - Lobby, Campus Center

1:30 P.M. General Meeting - 3rd Floor Auditorium, Lilly Library
 Greetings from Byron K. Thippet, President of Wabash College, and Hajo Wolthuis, President of MACTLAC

- 1:45 P.M. Discussion Groups -
1. New Ideas in General Chemistry Laboratory - Lilly Auditorium 3rd floor, Lilly Library
 2. Problems Arising from Academic Calendar Changes - Seminar Rooms 3rd floor, Lilly Library
 3. Ways and Means of Meeting the New A.C.S. Minimum Standards - Goodrich Room, 2nd Floor, Lilly Library.
 4. New Ideas in Organic Laboratory - Goodrich 205
 5. The Use of Visual Aids - Goodrich 105

3:30 P.M. Coffee Break - Lounge, Campus Center

4:00 P.M. Discussion Groups - resume

7:00 P.M. Banquet - Campus Center

8:00 P.M. "Research in Liberal Arts Colleges - Wabash College"
 3rd Floor Auditorium, Lilly Library
 The session will begin with a brief discussion led by Quentin R. Petersen, Wabash College, and will be followed by visits to research projects in botany, chemistry, physics and zoology, and tours of the two science buildings [Goodrich Hall (physics/sciences) and Waugh Hall (life sciences).] Refreshments will be available in the Lounge of the Campus Center 9:30 - 11:00 P.M.

Saturday, October 19

Breakfast in College cafeteria (serving 7:15 to 8:30); juice, doughnuts, sweet rolls and coffee in the Scarlet Inn from 8:00 A.M. on.

8:30 A.M. Panel Discussion: The Role of Descriptive Chemistry in the College Curriculum - 3rd Floor Auditorium, Lilly Library

Leaders: Robert Brasted, University of Minnesota; Harry Sisler, University of Florida; Kent Wilson, Tufts University

10:15 A.M. Coffee Break - Seminar Rooms, Lilly Library

10:45 A.M. General Meeting - 3rd Floor Auditorium, Lilly Library
 Report by Harry Lewis on Research in MACTLAC Schools; Election of State Representatives to Executive Council; Election of New Officers; Business.

12:00 Noon Buffet Luncheon - Basement, Campus Center

(See reverse side for Directory to research projects and science buildings.)

Research Projects in Goodrich

E. L. Haenisch -- Study of the reactions of DMSO with alkali metals. Supported by the Petroleum Research Fund of the American Chemical Society. Discussion in Goodrich attic.

Q. R. Petersen -- Structural and mechanistic studies in the steroid series. Supported by the Wolcott Gibbs Fund of the National Academy of Sciences. Discussion in Goodrich 207.

P. C. McKinney - -Theoretical studies in molecular mechanics. Discussion in Goodrich attic.

Physics Department -- The entire physics staff participates in a study of the temperature effect on X-ray scattering of single metallic crystals. Supported by the National Science Foundation and the Research Corporation. Discussion in Goodrich, Room 2.

Mathematics Department -- An I.B.M. 1620 card computer with 20K memory and peripheral data processing equipment is being integrated into research activities in many areas. Discussion in Goodrich, Room 1.

Other Rooms open for inspection in Goodrich:

Room 3	Advanced Physics Lab	Room 203	Elementary Organic Lab
Rooms 7-8	Wood and Metal shops	208	Research Lab
Room 101	Physics-Chemistry Lab	201	Chemistry and Physics Library
105	Conference room	303	Advanced Organic and Analytical Lab
205	Main Chemistry Lecture	304	Physical Chemistry Lab
204	Organic Stock room	301	General and Analytical Lab
Attic	Instrument Lab	307	Departmental Office

Research Projects in Waugh

W. H. Johnson and Teiichi Betchaku -- Culture of planarian cells. Supported by the National Science Foundation. Discussion in Waugh 5.

L. E. DeLanney -- Tumor transplants in the salamander. Supported by the National Institute of Health. Discussion in Waugh 401.

R. Petty and E. Williams -- Ecological studies involving radioisotopes. Supported by the Atomic Energy Commission. Discussion in Waugh 3.

T. Cole -- The biochemistry of drosophila. Supported by an Institutional Grant of the National Science Foundation. Discussion in Waugh 5.

Other Rooms open for inspection in Waugh:

Room 2	Bacteriology Lab
105	Advanced Botany Lab
101	General Biology Lab
201	Comparative Anatomy and Embryology Lab