

## HOUSING

A block of rooms has been reserved at the following motels. Please make reservations prior to October 1 and specify that you are a MACTLAC member. If you are sharing a room with another participant, please include that information with your request. Rates (excluding tax) for single (S) and twin double (TD) rooms are listed.

**HOLIDAY INN, US 31 and 32nd St., Holland, MI 49423.** Tel: 616-396-1424. S, \$16.50; TD, \$23.00. Location can be determined on enclosed map. Two miles from campus.

**POINT WEST, Macatawa Park, MI 49423.** Tel: 616-335-5894. S, \$20; TD, \$25. Location of this luxury motel is on South Shore Drive near Lake Michigan. See enclosed map. Five miles from campus.

**WOODEN SHOE MOTEL, US 31 at 16th St., Holland, MI, 49423.** Tel: 616-392-8521. S, \$16; TD, \$20. See enclosed map. One mile from campus.

**WARM FRIEND MOTOR INN, 5 East 8th St., Holland, MI 49423.** Tel: 616-392-3131. S, \$12; TD, \$16. Hotel type accommodations. Three blocks from campus.

Additional motels in the Holland area are available on a first-come basis.

**PARK VILLA MOTEL, 1159 South Shore Drive, Holland, MI 49423.** Tel: 616-335-5502. S, \$16; TD, \$20. See map. Four miles from campus.

**CAROUSEL MOUNTAIN MOTEL, P. O. Box 58, Macatawa Park, MI 49423.** Tel: 616-335-5823. S, \$14; TD, \$16. One-half mile south of 32nd St. on 66th St. Five miles from campus.

**BUSH'S MOTEL, 3896 S. Washington, Holland, MI 49423.** Tel: 616-392-2644. S, \$10; TD, \$14. South of I 196 - US 31 - Old 31 interchange on Blue Star (S. Washington or A-2 or Old 31) highway. Seven miles from campus.

**SHANGRAI-LA MOTEL, Blue Star Memorial Highway, Saugatuck, MI 49453.** Tel: 616-857-2040. S, \$16; TD, \$20. One-half mile north of I 196 Saugatuck exit on Blue Star Highway. 10 miles from campus.

Excellent motels are also available in Saugatuck, 12 miles south; Grand Haven - Spring Lake, 20 miles north; and Grand Rapids, 30 miles northeast.

## TRANSPORTATION

The Grand Rapids Airport, served by United and North Central Airlines, is located about 40 miles from the campus. We will arrange to send cars to meet arrivals at the airport for those who request this service on the enclosed form. The cost will be \$4.00 per person.

The Holland area and campus insert on the enclosed map give directions for those who drive to the campus. De Witt Center (#54) and Peale Science Center (#16) are both located on 12th Street. Street parking adjacent to campus is recommended, although campus parking lots will also be available.

A Greyhound Bus depot is located three blocks from campus.

Persons having questions on travel or housing should contact Eugene C. Jekel, Department of Chemistry, Hope College, Holland, MI 49423. Tel: 616-392-5111.

## MACTLAC OFFICERS

President	Sister Mary Thompson
President Elect	College of St. Catherine
Secretary-	Cornell College
Treasurer	Marvin P. Dixon
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## ELECTED STATE REPRESENTATIVES SERVING ON MACTLAC COUNCIL

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	William Jewell College
	Arild J. Miller
	The Institute of Paper Chemistry

## HOPE COLLEGE

welcomes  
you  
to the

## TWENTY-FOURTH

## ANNUAL MEETING

of

## MACTLAC

*Midwest Association*

*of  
Chemistry Teachers*

*in  
Liberal Arts Colleges*

October 8 and 9, 1976  
Holland, Michigan

PROGRAM

FRIDAY, OCTOBER 8

10:30 a.m. - EXECUTIVE COUNCIL MEETING AND LUNCHEON - De Witt Center 231

11:00 a.m. to 1:30 p.m. - REGISTRATION  
Peale Science Center 201

1:30 p.m. - GENERAL MEETING - De Witt Center 204

Greetings from Gordon J. Van Wylan,  
President of Hope College.

Address: *Where Do We Want Academic Chemistry to be by 1984?* W. Thomas Lippincott, University of Arizona; Editor, *Journal of Chemical Education*.

3:00 p.m. - REFRESHMENTS

3:30 p.m. - GROUP DISCUSSIONS - Location of groups will be announced in registration packet.

1. Spontaneous discussion relating to the content of the previous address. Coordinator: Donald H. Williams, Hope College  
Resource Person: W. T. Lippincott.

2. *Budgets and Departmental Management* - Includes such items as supplies and equipment, maintenance, student labor, travel, capital improvement, supporting professional help, telephone, library, etc. Coordinator: Jeffrey E. Keiser, Coe College. Resource Person: Joseph D. Dantforth, Grinnell College.

3. *Chemical Education and OSHA* - Includes new Federal regulations, safety, liability, disposal of laboratory wastes, problems of chemical storage, etc. Coordinator: James J. Hazdra, Illinois Benedictine College. Resource Persons: William Joy, Director, Environmental Health and Safety Division, University of Michigan; Jack Young, Director, Safety Division, Dow Chemical Company.

4. *Workshop on the Use of Chemical Abstracts Concentrates* - Includes reports from users and a review of the service of the Institute of Paper Chemistry; a discussion of the merits of the annual subscription vs. computerized services. Coordinator: Berwyn E. Jones, Upper Iowa University. Resource Person: John Church, Research Associate, Computer Center, Institute of Paper Chemistry.

5. *Curricular Approaches which Provide for Vocational Trends in Chemistry* - Includes a discussion of the variety of non-traditional careers now available to chemistry majors and possible ways in which undergraduate students can be introduced to those opportunities. Coordinator: F. Sheldon Wetzack, Hope College. Resource Persons: J. Brock Spencer, Beloit College; Jerry Mohrig, Carleton College.

6. *A Chemistry Curriculum to Meet the Needs of the 70's in the Area of the Health Professions* - Includes a discussion of the possible effects of the new MCAT examination, which will report a separate score in chemistry. Coordinator: William S. Mungall, Hope College. Resource Person: to be announced.

7. *Analytical Chemistry: Sampling, Statistics and Analysts in the Real World*. Includes a discussion of methods for environmental sampling, and of sample workup and analysis, as well as the application of the ANOC statistical methods to student results. Coordinator: David H. Klein, Hope College. Resource Person: George Su, Michigan Air Pollution Control Division.

8. *Faculty Development Programs in NSF*. Coordinator: Harold M. Kolenbrander, Central College, Iowa. Resource Person: Robert F. Watson, Coordinator, Education Program Restructuring, NSF.

9. *General Chemistry* - Includes a discussion of selection of lecture topics and laboratory experiments to meet the wide interest range of students in the 70's; use of the computer; methods to handle increased enrollments; use of student laboratory assistants, etc. Chairman: James E. Finholt, Carleton College.

5:00 p.m. to 6:15 p.m. - SELF-GUIDED TOURS OF CHEMISTRY DEPARTMENT. Peale Science Center - HOPE staff will be present in various laboratories.

6:30 p.m. - DINNER. De Witt Center 204.

8:00 p.m. - ADDRESS: *Left and Right*, Bryce Crawford, Jr., University of Minnesota.

9:30 p.m. - MIXER, Holiday Inn.

SATURDAY, OCTOBER 9

8:00 a.m. - Breakfast buffet followed by business meeting. Durfee Hall, Terrace Room.

9:30 a.m. - PANEL - De Witt Center 204

*New Approaches for Providing Learning Experiences for Chemistry Majors*. Panel Moderator: Michael P. Doyle, Hope College.

*Undergraduate Research on Campus*. Panelist: Richard J. Cook, Kalamazoo College.

*Student and Faculty Development from the Perspective of a Private Foundation*. Panelist: Brian H. Andreen, Research Corporation.

*Industrial and Cooperative Work-Study Experiences, Off Campus*. Panelist: Richard E. Bayer, Carroll College.

*Comments on Various NSF Programs Appropriate for Liberal Arts Colleges*. Panelist: Robert F. Watson, National Science Foundation.

*Research Opportunities in Government Laboratories*. Panelist: Jerry Baird, Argonne National Laboratory.

10:45 a.m. - REFRESHMENTS

11:00 a.m. - GROUP DISCUSSIONS - Locations announced in registration packet.

Spontaneous discussion relating to the previous panel. Coordinator: Michael P. Doyle  
Resource Persons: All panelists listed above.

Most of the Friday group discussions will be repeated.

12:30 p.m. - COUNCIL MEETING and LUNCHEON

Phelps Hall, Conference Room, South Section.

Lunch will be available in a separate room on campus for others who wish to remain.

Interested persons should use the cafeteria line in Phelps Hall and eat in the Conference Room, North Section.

PROGRAM ARRANGEMENTS

Eugene C. Jekel, Program Chairman, and the chemistry faculty of Hope College: Barbara J. Barker, Rodney F. Boyer, Irwin J. Brink, Michael P. Doyle, Donald M. Friedrich, David H. Klein, William S. Mungall, F. Sheldon Wetzack and Donald H. Williams