

## PROGRAM (continued)

### SATURDAY, OCTOBER 12

- 8:30 AM General Convocation  
Principal Address:  
*Electrode Polarography and Cyclic Voltammetry.*  
Dr. Irving Shain,  
SCM Auditorium
- 9:30 AM Refreshments and Sociability  
SCM Lobby
- 10:00 AM Group Discussions
- A. *Polarography — Applications.*  
Dr. Irving Shain in a discussion of his principal address.  
Recital Hall, SCM
- B. Dr. Vladimir Haensel on *Catalysis — Experience and Education.* Catalysis, pure and applied, as a fertile area for college and industry co-operation.  
Coordinator: Dr. Ray Wendland,  
Maxon Hall Room 104
- C. *Programmed Learning in Undergraduate Education.* Methods and Applications  
Dr. Olaf Runquist,  
Maxon Hall Room 103
- D. *Foundation Support for the Sciences* — with representatives of seven major foundations.  
Dr. John Ganchoff,  
Old Main Room 101
- E. *Radiochemistry in the Undergraduate Curriculum — Where and How?*  
Descriptions of experiments will be made available.  
Dr. Bruce Murray,  
Lowry Hall Room 106
- F. *Tricks of the Trade.* A continuation of operations from the Friday presentations.  
Dr. Clifford Meints,  
Lowry Hall Room 104
- 11:30 AM Reassembly for General Business Meeting  
SCM Auditorium
- 12:30 PM Luncheon—Cafeteria of Student Union, with Ticket. New and old Council members of MACTLAC to meet in small dining room of Student Union.  
ADJOURNMENT AFTER LUNCH

### Membership in MACTLAC . . .

is available to Chemistry teachers in the liberal arts colleges of seven midwest states: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri and Wisconsin. Elected representatives for these states are Russell Poel, North Central College, John Deters, Valparaiso University, Luther Erickson, Grinnell College, Emno Wolhuis, Calvin College, Gary Hindman, Park College, and Henry Gates, Milton College.

Honorary Life Members of MACTLAC are:

- Dr. Garret Van Zeyl, Hope College  
Dr. Emil Ellingson, St. Olaf College  
Dr. James Culbertson, Cornell College  
Dr. Stephen Darling, Lawrence University  
Dr. Ben Peterson, Coe College

MIDWESTERN ASSOCIATION  
OF CHEMISTRY TEACHERS  
IN LIBERAL ARTS COLLEGES

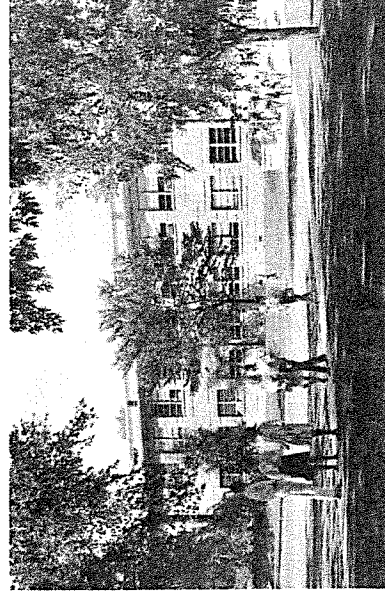
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## Carroll College Welcomes You To Its Campus

for the Sixteenth Annual  
Convention

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OCTOBER 11 AND 12, 1968  
IN WAUKESHA, WISCONSIN



President: Richard Ramette, Carleton College  
President-Elect: William Deskin, Cornell College  
Secretary-Treasurer: Richard Bayer, Carroll College

Program Arrangements by Host Institution:  
Ray Wendland, *Chairman*; Richard Bayer,  
Bruce Cozzini, Michael Fallgatter

### GENERAL INFORMATION

**Meals:** Meals Friday noon and Saturday morning are available via the cafeteria of the Student Union with cash payment. The Friday dinner and Saturday lunch are ticket events.

**The Shattuck Chapel and Music Center,** in which several main events occur, is the large auditorium on East Avenue at Wright Street. Title is abbreviated "SCM."

**Parking of cars**—best location is on Barstow Street behind Lowry Hall.

**A Bulletin Board** noting teacher vacancies will be located in the lobby of SCM. Consultant on Placements, Dr. Arild Miller, Institute of Paper Chemistry.

# PROGF M PRINCIPALS

# PROGRAM OF EVENTS

## I. GENERAL TOPICS

Dr. Hubert Alyea, Professor of Chemistry  
Princeton University, Princeton, New Jersey

Dr. Irving Shain, Professor of Chemistry  
and Department Chairman,  
University of Wisconsin, Madison

Dr. Robert Walter, Professor of Chemistry,  
University of Illinois, Chicago Circle, Chicago

## II. SPECIAL TOPICS FOR THE GROUP DISCUSSIONS

Dr. John Ganhoff, Professor of Chemistry,  
Elmhurst College

Dr. Henry Gates, Professor of Chemistry,  
Milton College

Dr. Vladimir Haensel, Vice President  
and Director of Research,  
Universal Oil Products Company,  
Des Plaines, Ill.

Dr. Arne Langsjoen, Professor of Chemistry,  
Gustavus Adolphus College

Dr. Clifford Meints, Professor of Chemistry,  
Simpson College

Dr. Bruce Murray,  
Office of College and University Cooperation,  
Argonne National Laboratory,  
Argonne, Ill.

Dr. Ben Richason, Professor of Geography  
and Department Chairman,  
Carroll College

Dr. Olaf Runquist, Professor of Chemistry,  
Hamline University

Dr. Irving Shain:  
see also General Topics

Sister Paul Michael Slakey, Ph.D.,  
Asst. Professor of Chemistry,  
St. Dominic College

Dr. Robert Walter:  
see also General Topics

Dr. Jay Young, Professor of Chemistry,  
Kings College, Wilkes Barre, Pennsylvania

## FRIDAY, OCTOBER 11

10:15 AM EXECUTIVE COUNCIL MEETING  
AND LUNCHEON. Student Union  
Small Dining Room

11:00-  
1:15 PM REGISTRATION. Shattuck Chapel  
and Music Center ("SCM")

1:15 PM GENERAL CONVOCATION. SCM  
President Ramette, presiding.  
Principal Address: *Chemistry in the  
Liberal Arts Colleges—A Jaundiced  
View of American Educational Institu-  
tions*. Dr. Robert Walter. (Dr. Walter  
is also a member of the Advisory Coun-  
cil on College Chemistry.)

2:45 PM Refreshments and Sociability  
Lobby, SCM

3:30 PM Group Discussions—  
Locations are designated.

A. *Problems of Chemistry in the Liber-  
al Arts Colleges*. Dr. Robert Walter  
— A discussion of his principal ad-  
dress.

Coordinator: Dr. Eugene Jekel,  
Recital Hall of SCM

B. *Tricks of the Trade—Favorite Ex-  
periments and Demonstrations of  
the Distinguished Professors*.

Dr. Arne Langsjoen, assisted by  
several Colleagues whom he will  
identify,  
Lowry Hall Room 104

C. *Relationship of Laboratory to Class-  
room Theory—Loose or Tight?*

Dr. Jay Young,  
Old Main Room 101

D. *Audio-Visual-Tutorial Laboratories  
and Methods of Instruction*

Dr. Ben Richason,  
Maxon Hall Rooms 104 and 203

3:30 PM E. *Off Campus Study: Opportunities  
for Chemistry Majors—Ways and  
Means*.

Dr. Milton Gates,  
Maxon Hall Room 103

F. *Biochemistry in the Undergraduate  
Curriculum—Goals and Problems*  
Sister Paul Michael Slakey,  
Lowry Hall Room 106

## FRIDAY, OCTOBER 11 (continued)

5:00 PM Open House for Science Departments:  
Biology, Rankin Hall  
Chemistry, Lowry Hall  
Geography, Maxon Hall  
Mathematics, Maxon Hall  
Physics, Lowry Hall

6:45 PM The Evening Repast  
Main Dining Room of the Student  
Union, with Ticket

8:00 PM Climax of the Day with Dr. Hubert  
Alyea on "Lucky Accidents, Great  
Discoveries, and the Prepared Mind"  
WITH DEMONSTRATIONS!  
Main Dining Room

9:15 PM Relaxation, Sociability . . . Strictly  
informal—  
Ball Room of Student Union

## 300 YEARS

### STILL THE SAME FORMULA

*The Chymists are a strange Breed of  
Mortals impelled by an almost insane  
Impulse to seek their Pleasure among  
Smoke and Vapour, Soot and Flame,  
Poisons and Poverty. Yet among all  
these Evils, I seem to live so sweetly,  
that may I die if I would change  
Places with a Persian King.*  
Johann Joachim Becher 1669