

# CARLETON COLLEGE

NORTHFIELD, MINNESOTA 55057

DEPARTMENT OF CHEMISTRY  
(507)645-4431 x 223

September 8, 1978

## M E E T I N G    A N N O U N C E M E N T

TWENTY-SIXTH ANNUAL MEETING OF MACTLAC

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS  
IN LIBERAL ARTS COLLEGES

October 20 and 21, 1978

Plan now to attend the Carleton meeting. Help MACTLAC begin its second quarter-century of bringing together college chemistry teachers for exchange of ideas and for general mutual helpfulness. We look forward to strengthening professional friendships, to a good and useful program, and to having you inspect our new Seeley G. Mudd Hall of Science. Please send the enclosed pre-registration form before October 1.

### PROGRAM SYNOPSIS

#### Friday, October 20

- |              |  |
|--------------|--|
| 10:30        | Executive Council meeting and lunch  |
| 11:00 - 1:00 | Registration   |
| 12:00        | Lunch  |
| 1:00         | General meeting<br>Welcome: President Robert H. Edwards<br>PRESIDENTIAL ADDRESS: Dr. Joe D. Woods, Drake University<br>"Energy Resources - How Much, What Form and Who Cares?" |
| 2:30         | Refreshments   |
| 3:00         | Group Discussions I (See other side of this sheet.)  |
| 4:00         | Group Discussions II   |
| 5:00         | Comments on Seeley G. Mudd Hall. Dr. James E. Finholt<br>Tour of chemistry facilities  |
| 5:30         | Social hour  |
| 6:30         | Banquet  |
| 8:00         | DEMONSTRATION LECTURE: Dr. Bassam Shkhashiri, U. Wisconsin   |

9:30 Mixer

#### Saturday, October 21

- |       |   |
|-------|---|
| 7:45  | Breakfast   |
| 8:30  | Annual business meeting   |
| 9:30  | Panel: Research in Liberal Arts Colleges<br>(Representatives from NSF, PRF, Research Corporation) |
| 10:30 | Group Discussions III   |
| 11:30 | Lunch   |

## PRELIMINARY SUGGESTIONS FOR DISCUSSION GROUPS

Note your preferences on the preregistration sheet. It will be possible for each person to attend three different groups and we will try to avoid unhappy conflicts. A final choice of groups will depend on your responses.

- A. Building or buying your own computer. The new trend toward personal computing. We hope to have some examples for inspection.
- B. A discussion of time-sharing computer systems for small colleges, and a tour of the Carleton PDP 11/60 system. Led by Dr. Carl Henry (Director, Carleton College Academic Computing).
- C. Microcomputers for instruments in the chemistry labs. Getting started even without background in electronics.
- 3 D. More discussion of educational psychology, Piaget, etc., provided a good resource person can be assigned.
- 2 E. The undergraduate chemistry curriculum. What is really necessary given the 4-year limitation?
- F. Helping students to improve their abilities to communicate, both orally and in writing. Is this a valid part of chemistry teaching?
- G. Introducing some industrial chemistry into our teaching. How do we start, and how do we continue to take advantage of the opportunities?
- H. The design of integrated laboratory programs at the advanced level.
- I. Follow-up discussion on research proposals and projects after the panel on Saturday morning. Led by the panelists.
- J. Classroom demonstrations, follow-up on the Friday evening lecture. Participants are urged to bring a demonstration to perform for the group! Led by Bassam Shakhashiri.
- K. Teaching non-science majors.
- L. Teaching general chemistry for majors.
- M. Teaching introductory analytical chemistry.
- N. Teaching introductory organic chemistry.
- O. Teaching physical chemistry.
- P. Teaching inorganic chemistry.
- 3 → Q. Teaching biochemistry.
- R. Other (please specify).

AIR TRAVEL

The Minneapolis-St. Paul airport is about 40 miles north of Northfield. If you would like to have a Carleton driver meet you, please fill in the information on the registration form. The pickup will be at about noon, unless the responses indicate earlier flights only. You will be notified more specifically when the data are in. Return rides to the airport will be arranged during the meeting. Some suitable flights are:

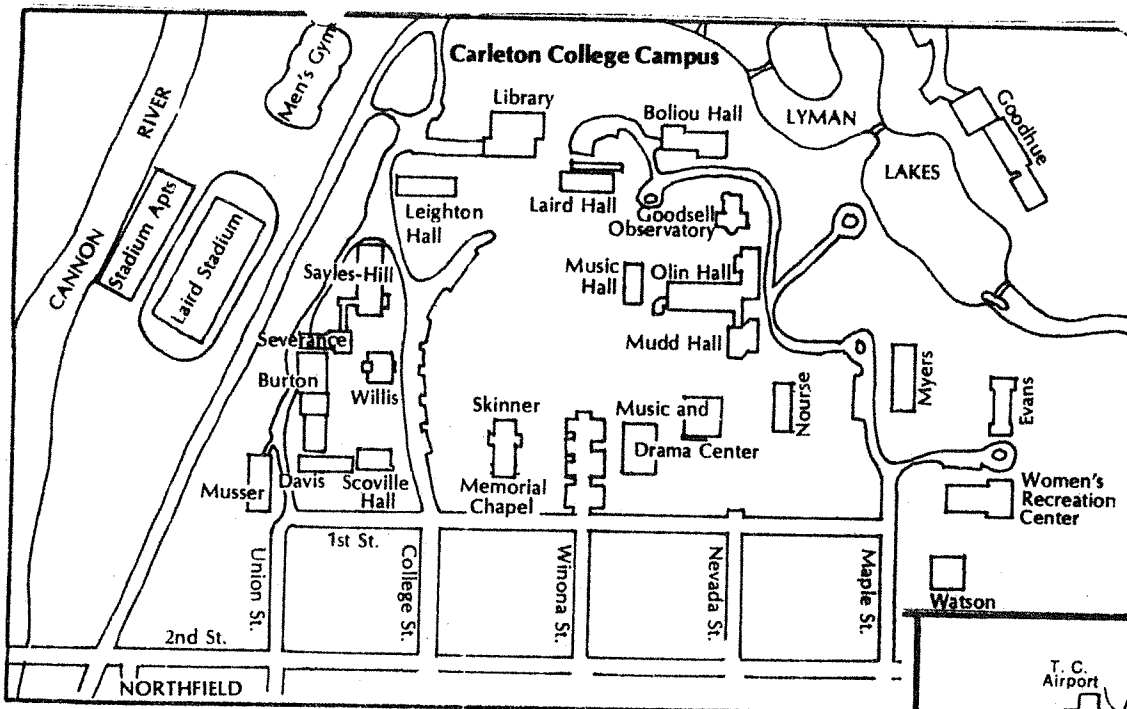
From Chicago: Northwest 55 (arr 10:15); United 485 (arr 11:24); North Central 75 (arr 11:37); Northwest 701 (arr 11:45). From Kansas City: Braniff 336 (arr 8:50). From Detroit: Northwest 515 (arr 10:30); North Central 991 (arr 9:55); Northwest 303 (arr 9:45).

ROAD TRAVEL

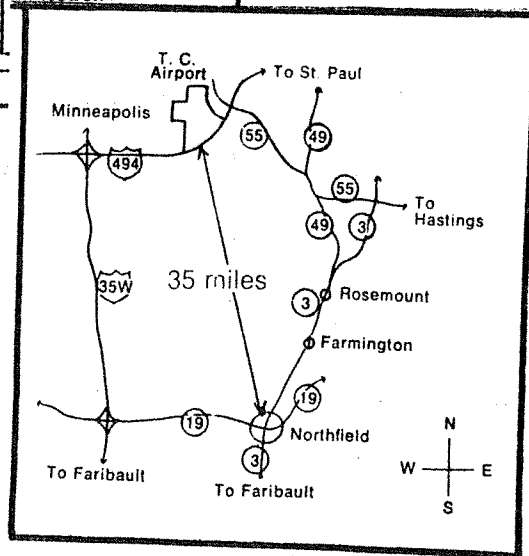
Northfield is about 45 miles south of Minneapolis, at the intersection of highways 3 and 19. If you are coming through Rochester on highway 52 you may turn west at County road 9 and go through Sogn and Dennison, or you may continue on 52 to Cannon Falls, and then take 19 West.

When you get to Northfield, don't make the mistake of going to St. Olaf College (on the west side of the Cannon River), although it is also a pleasant place. Parking on the Carleton campus is pretty skimpy, for our students are not allowed to have cars. You'll have to park on the residential streets adjacent to the campus.

Registration will be in Mudd Hall.



See other side.



HOUSING

Fortunately, Carleton is full of students, so unfortunately we cannot offer dormitory space for you. Motel space in Northfield is very limited also. The Northfield and Farmington motels have agreed to hold a few rooms, but these will be first-come, first-occupy, and they will not be held after October 1. It will be very helpful if participants share rooms. When you call the motels in Northfield and Farmington, be sure to identify yourself as MACTLAC and/or Carleton Chemistry Department.

*18<sup>00</sup> 2 double beds want 10<sup>00</sup> deposit by Oct 13*

Hotels and Motels

NORTHFIELD

*19<sup>00</sup>*  
~~College City Motel~~ 507-645-4426  
 Hillcrest Motel 507-645-5607

FARIBAULT (15 miles south of Northfield)

Hotel Brunswick 507-334-4348  
 Galaxie Motel 507-334-5508  
 Lyndale Motel 507-334-4386  
 Shadows Budget Motel 507-334-2275

CANNON FALLS (20 miles east)

Edgewood Motel 507-778-3277

MINNEAPOLIS (35 miles north)

Holiday Inn-south 612-884-8211  
 Holiday Inn-Airport No. 1 612-854-4000  
 Holiday Inn-Airport No. 2 612 831-8000  
 Howard Johnson's 612-890-9550

OWATONNA (30 miles south)

Owatonna Inn 507-451-4620  
 Modern Aire Motel 507-451-2570  
 Jefferson Inn 507-451-0776  
 Oakdale Motel, Inc. 507-451-5480  
 Village Motel 507-451-6254  
 Shady Rest Motel 507-451-5480  
 Whiteis Motel 507-451-1680  
 County Hearth Motel 507-451-8712  
 Holiday Inn 507-455-0606

WASECA (40 miles south)

The Twilite Motel 507-835-4110  
 The Gaslite Motel 507-835-3350  
 The Lake Aire Motel 507-835-1170

FARMINGTON (15 miles north)

Restwell Motel 612-463-7101

MACTLAC OFFICERS

Dr. Joe D. Woods, President  
 Drake University  
 Des Moines. Iowa 50311

Dr. Arthur J. Bosch, Sec-Treas  
 Central College  
 Pella, Iowa 50219

Dr. John F. Zimmerman, Pres-elect  
 Wabash College  
 Crawfordsville, Indiana 47933

CARLETON COLLEGE CHEMISTS

Dr. Charles H. Carlin, Assoc. Dean  
 Dr. William C. Child, Jr.  
 Dr. James E. Finholt  
 Dr. Nancy Mills  
 Dr. Jerry R. Mohrig, Dept. Chairman  
 Dr. Richard W. Ramette, Mactlac program  
 Dr. David Smith chairman

See other side

REGISTRATION - MACTLAC '78

Please return a separate copy of this form for each person, no later than October 1.

Name \_\_\_\_\_ Address \_\_\_\_\_  
 Phone \_\_\_\_\_

If you wish to be met at the Minneapolis airport, please fill in the following:

airline and flight no. \_\_\_\_\_ arrival time \_\_\_\_\_

Advance registration will be very helpful. Please cross out items which do not apply in your case and add the others.

Friday lunch	\$1.50
Friday banquet	\$4.75
Saturday breakfast	\$1.25
Saturday lunch	\$1.50
MACTLAC dues	\$1.00
Registration fee	\$2.00
Airport pickup	\$3.00

TOTAL \$ \_\_\_\_\_ Make checks payable to MACTLAC

Note your discussion group preferences by capital letter (see the sheet describing the topics), and indicate in a line or two what point(s) you would like to see included in the discussion. Please include suggested resource persons. Yourself?

( ) First choice. Comments:

( ) Second choice. Comments:

( ) Third choice. Comments:

If one of your choices is (J), lecture demonstrations, will you perform a demonstration as a way of sharing with the group? ( ) Yes ( ) No

Return this form by October 1 to: Dr. R. W. Ramette  
 Department of Chemistry  
 Carleton College  
 Northfield, MN 55057

(507)645-4431 x 224 (or 223)

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

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