

FINAL PROGRAM

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS

IN LIBERAL ARTS COLLEGES

TWENTY-NINTH ANNUAL MEETING OF MACTLAC

October 23 and 24, 1981



Kenosha, Wisconsin 53141
Telephone 414 551-8500

Friday, October 23

- 10:00 Executive Council Meeting and Lunch
- 11:00-1:30 Registration - Foyer, Library-Auditorium
Science Hall (IAS Building)
- 12:00-1:00 Lunch, Dining Hall - Student Center
- 1:30 General Meeting - Recital Hall - Johnson Fine Arts Center
Welcome and Introductions
Speaker: Dr. Alexander Karczmar
Co-Director of Loyola University
Institute for Mind, Drugs and Behavior
Maywood, Illinois
"Nerve Cells Communicate with Each Other and with
Effectors by Means of Chemical Messenger"
- 2:45 Refreshments - LAS Lobby
- 3:00 Discussion Groups I - LAS Building (See other side of
this sheet)
- 4:00 Discussion Groups II - LAS Building
- 5:00 Open for Touring of Facilities
- 6:00 Social Hour - Art Gallery - Johnson Fine Arts Center
- 7:00 Banquet - Ted Nicholson Dining Room - Student Center
- 8:15 Speaker: Dr. Richard J. Terrile
Jet Propulsion Laboratory
Pasadena, California
"Exploration of the Saturn System"
The Voyager Encounters
Recital Hall - Johnson Fine Arts Center
- 9:30 Mixer - North Vinland Room - Holiday Inn

Saturday, October 24

- 7:30 Breakfast, Student Dining Hall
- 8:30 Annual Business Meeting - Recital Hall - Johnson Fine Arts Center
- 9:00 Speaker: Dr. Bassam Shakhashiri
University of Wisconsin
"Additional Ways to Incorporate Descriptive
Chemistry in Undergraduate Courses"
- 9:45 Refreshments - LAS Lobby
- 10:00 Discussion Groups III - LAS Building *RM 122 - K Hamm*
- 11:30 Lunch and Meeting of Executive Committee - Student Center



MACTLAC DISCUSSION GROUPS - 1981

I - Friday - 3:00	II - Friday - 4:00	III - Saturday - 10:00
<p>MICROCOMPUTER INTERFACING IN THE LABORATORY</p> <p>Various applications involving the microcomputer as a data collection device will be discussed and demonstrated. The possibility of organizing a software exchange group will be considered.</p> <p>Conveners - Priscilla LaBonville Walling John Zimmerman Stan Burden IAS 123-124 IAS 123-124 IAS 123-124</p>		
<p>INSTRUMENTAL</p> <p>"Instrumental analysis -- who is doing what in lecture and the laboratory in the 1980s."</p> <p>Possibility of a MACTLAC Laboratory Manual.</p> <p>Convener - Anne T. Sherren - IAS 119</p>	<p>RESEARCH AND THE DISAPPEARING EDUCATION GRANTS</p> <p>Where is the money? What programs are still available and what is the best way to approach them?</p> <p>Convener - James Schwartz</p> <p>Resource Person: Brian Andreen - IAS 117</p>	
<p>INDUSTRIAL CHEMISTRY IN THE LIBERAL ARTS COLLEGE</p> <p>Although most college graduates join industrial enterprises, they are often ill-prepared to cope with industrial problems. Can this deficiency be remedied in the liberal arts college?</p> <p>Conveners - George Sosnovsky Eugene Losey IAS 117 IAS 117</p>		
<p>ORGANIC</p> <p>Can everything from alkanes to M.O., photochemistry and bio-organic chemistry be squeezed into the introductory course?</p> <p>Will Morrison and Boyd continue?</p> <p>How much lab time:</p> <p>Convener - Jerry Mohrig IAS 129</p>	<p>THE UNDER PREPARED STUDENT</p> <p>What deficiencies do these students have? Can they be recognized by examination? What works, what doesn't? HELP!</p> <p>Convener - William Morrison IAS 225</p>	<p>POTPOURRI</p> <p>A collage of ideas and questions.</p> <p>Convener - Irwin Brink IAS 129</p>
<p>MODELS</p> <p>Unusual molecular models: Olaf Larson of Ferris State College will demonstrate his models. Come and tell us about yours.</p> <p>Convener - Olaf Larson IAS 120</p>	<p>PHYSICAL CHEMISTRY</p> <p>Discussion topics may include: Lab experiments - Projects vs "Traditional Experiments." Balance between classical P. Chem. and quantum chemistry.</p> <p>Convener - Luther Erickson IAS 227</p>	