

## Fall '95 Newsletter

# Newsletter

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### Executive Committee

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Kathlyn A. Parker  
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### Alternate Councilors

Steven D. Burke  
Dennis P. Curran  
Joseph J. Gajewski  
James Rigby

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## Members of the Division of Organic Chemistry

You are invited to attend the National meetings of the ACS and present professional presentations (maximum of two oral presentations per research group, no limit on poster presentations). One copy of the short abstract on the official ACS "blue" abstract form with four black and white copies and one copy of a long (1000 word) abstract (required by the bylaws) must be submitted to the Program Chair. Instructions for submission of papers are on the last page of this letter in the section entitled "[Information for Authors of Papers](#)." Please read them carefully. Submissions must be postmarked before the indicated deadline for each meeting which are published in the membership newsletter and C&EN News. Submissions received four or more days after the deadline may not be accepted for the meeting. FAXED or E-MAILED ABSTRACTS WILL NOT BE ACCEPTED.

Submitters of papers will be notified within four weeks of the deadline as to when their paper is to be presented. No papers can be withdrawn after acceptance except for unusual circumstances.

The office of the Program Chair does not provide forms for pre-registration or for hotel accommodations. These forms will appear in C&EN News. The Division of Organic Chemistry does not provide registration, travel or housing allowances except for invited speakers in Symposia approved by the Executive Committee.

### The Divisional Program in New Orleans will feature:

- James Flack Norris Award in Physical Organic Chemistry sponsored by the Northeast Section, ACS, to Thomas C. Bruice, Tuesday.

- Ernest Guenther Award in the Chemistry of Natural Products sponsored by Givaudan-Roure to K. C. Nicolaou, Tuesday.

- ACS Award in the Chemistry of Materials sponsored by E. I. du Pont de Nemours & Company, to Fred Wudl, Tuesday

- ACS Award for Creative Work in Synthetic Organic Chemistry sponsored by Aldrich Chemical Company to Teruaki Mukaiyama, Tuesday.

### Future Divisional Programs

1995 International Chemical Congress of Pacific Basin Societies, Honolulu, Hawaii, December 17-22, 1995

211th National ACS Meeting, New Orleans, Louisiana, March 24-28, 1996

212th National ACS Meeting, Orlando, Florida, August 25-30, 1996

213th National ACS Meeting, San Francisco, California, April 13-17, 1997

214th National ACS Meeting, Las Vegas, Nevada, September 7-11, 1997

### Other Meetings of Interest:

**PACIFICHEM '95** will be held in Honolulu, Hawaii, December 17-22, 1995. The sponsors for 1995 will include the Royal Australian Chemical Institute and the New Zealand Institute of Chemistry, in addition to the traditional three societies - the Chemical Society of Japan, the Canadian Society for Chemistry and the

ACS. This program will be divided into 10 topical areas: Agrochemistry, including agriculture, cellulose, carbohydrate, and pulp and paper chemistry, Analytical Chemistry, including clinical, electrochemical, and trace analysis, Bioscience and Technology, including microbial and pharmaceutical chemistry, Chemical Economics and Business, Chemical Education, Environmental Science and Technology, Inorganic Chemistry, including nuclear and geochemistry, Macromolecular Chemistry, Organic and Medicinal Chemistry, and Physical Chemistry. Further information can be obtained from the Congress Office, c/o ACS Meetings, 1155 16th St., N.W., Washington, DC 10036, U.S.A. or call (202) 872-4396.

**POC'96**, Polymers and Organic Chemistry, is a part of an international series of conferences previously held in France, Great Britain, Israel, Spain, Japan and Italy. The 7th International Conference on Polymer Supported Reactions I Organic Chemistry, POC'96, will be held in Wroclaw, Poland. This Conference will take place from Monday, June 24th, to Friday, June 28th, 1996. It is intended to bring together organic chemists and polymer chemists. This Conference will provide a forum for scientists involved in synthesis, reactions and designing of functionalized polymers and of their utilization. Special attention will be devoted to carriers of bioactive compounds and polymers used in biotechnology and environmental protection. Further information can be obtained from Sekretariat POC'96, Katedra Technologii Przemyslu Chemicznego, Akademia Ekonomiczna we Wroclawiu, Ul. Komandorska 118/120, 53-345 WROCLAW, POLAND. Tel: ++48-71-680275; Fax: ++48-71-672778; Email: [bogorom@alpha.ok.ae.wroc.pl](mailto:bogorom@alpha.ok.ae.wroc.pl)

**The Department of Chemistry and Biochemistry at the University of Colorado, and Syntex Roche of Boulder**, are hosting a semi-annual symposium in synthetic organic chemistry, which will be held on the Boulder campus on May 22-24, 1996. The purpose of the Symposium is two-fold: to recognize new frontiers in organic synthesis, and to create an interface between academic and industrial chemists where ideas, common interest, and concerns can be discussed. Further information can be obtained from Sherri Payne, Chemistry and Biochemistry Department, Campus Box 215, University of Colorado, Boulder, CO 80309-0215 U.S.A., Tel: (303) 492-5728 or Fax (303) 492-5894

Fifth Chemical Congress of North America, November 11-15, 1997, Cancun, Quintana Roo, Mexico, Call for Symposia: Sponsored by the American Chemical Society, the Sociedad Quimica de Mexico, and the Canadian Society for Chemistry, this fifth in the successful series of North American congresses will be held at the Cancun Convention Center Cancun, Mexico. Close to 100 Symposia will be scheduled in 13 topical areas. An attendance of 2-3,000 is anticipated. The Congress program will also include a chemical exposition, tours of the area, and social events. Discounted airfares and hotel accommodations will be arranged for all participants.

Individual interested in organizing symposia may obtain proposal information from Christine Pruitt, Congress Manager, c/o ACS, 1155-16th St., NW, Washington, DC 20036 (Tel: 202-872-4397, Fax: 202-872-6128)

### **Election of Divisional Officers:**

The results of the 1995 election are:

**Cynthia A. Maryanoff** - Chairman Elect (3-year term beginning Jan., 1996; 1 year as Chairman-Elect, 1 year as Chairman, 1 year as Executive Committee Member);

**Phillip DeShong and Norman Jensen** - Executive Committee (3-year terms beginning Jan., 1996);

**Michael Doyle, Joseph Gajewski, and Tom Hoye** - Councilor (3-year terms beginning Jan., 1996);

**Amy Trainor** - Alternate Councilor (3-year term beginning Jan., 1996);

Procedures for nominating officers of the Organic Division to be elected in 1996 are enclosed. The Nominating Committee would appreciate your advice and would like to have your suggestions by December

1, 1995

### **Division of Organic Chemistry Graduate Fellowships**

Graduate Fellowships in the amount of \$15,000 each have been awarded to:

- \* Jared N. Cumming, The Johns Hopkins University, Abbott Laboratories Fellow, Prof. Gary H. Posner, research director.
- \* David B. Rozema, University of Wisconsin-Madison, Aldrich Chemical Company Fellow, Prof. Samuel H. Gellman, research director.
- \* Michael B. Jarstfer, University of Utah, Boehringer Ingelheim Pharmaceuticals Fellow, Prof. C. Dale Poulter, research director.
- \* Stephen L. Craig, Stanford University, Dupont Merck Pharmaceutical Company Fellow, Prof. John I. Brauman, research director.
- \* Bridget D. Brandes, Harvard University, Eli Lilly & Company Fellow, Prof. Eric N. Jacobsen, research director.
- \* Mark M. Gleason, Northwestern University, Glaxo Research Laboratories Fellow, Prof. Frank McDonald, research director.
- \* Steven J. Metallo, Yale University, Merck Research Laboratories Fellow, Prof. Alanna Schepartz, research director.
- \* Marcey L. Waters, The University of Chicago, Organic Reactions and John Wiley and Sons Fellow, Prof. William D. Wulff, research director.
- \* Robert W. Scott, University of California, Organic Syntheses Fellow, Prof. Clayton Heathcock, research director.
- \* Jonathan B. Houze, Stanford University, Pfizer Fellow, Prof. Paul A. Wender, research director.
- \* Aaron W. Harper, University of Southern California, The Procter and Gamble Company Fellow, Prof. Larry R. Dalton, research director.
- \* Adam J. Matzger, University of California at Berkeley, The Rohm and Haas Company Fellow, Prof. K. Peter C. Vollhardt, research director.
- \* Natasha M. Kablaoui, Massachusetts Institute of Technology, SmithKline Beecham Fellow, Prof. Stephen L. Buchwald, research director.
- \* Kathleen H. Mortell, University of Wisconsin-Madison, The Upjohn Company Fellow, Prof. Laura L. Kiessling, research director.
- \* Alexander R. Muci, Harvard University, Zeneca Pharmaceuticals Group Fellow, Prof. David A. Evans, research director.

### **Important Notices**

**The ACS Division of Organic Chemistry presented the 1995 Edward Leete Award** for Teaching and Research in Organic Chemistry to Professor David N. Harpp of McGill University at the ACS national Meeting in Chicago. The Award, which was established in honor of the late Professor Edward Leete of the

University of Minnesota who fostered an appreciation and love for organic chemistry through his contributions to science and education, recognizes an individual who has made outstanding contributions in teaching and research in organic chemistry. The award was endowed by contributions from Professor Leete's students and colleagues, and consists of a \$1,500 cash prize.

Professor Harpp received an A.B. degree in chemistry from Middlebury College in 1959, followed by a master's degree in 1961 from Wesleyan University and a Ph.D. degree in 1965 from the University of North Carolina. After serving as a postdoctoral research associate at Cornell University in 1965-66, he was appointed Assistant Professor of Chemistry at McGill University in 1966. He was promoted to Associate Professor in 1971 and Professor in 1975.

Professor Harpp's research has involved a comprehensive study of the synthetic and mechanistic aspects of most functionalities in organosulfur chemistry. He has developed reagents for the selective desulfurization of a variety of substrates and designed a number of widely used "sulfur transfer reagents". He has also invented a number of selenium and tellurium reagents that are useful in debromination, selenation and alkylation reactions. Among his most recent contributions are the development of procedures for the efficient generation and trapping of  $1S_2$  and  $SO$ . He has authored more than 150 scientific publications.

Professor Harpp has received wide acclaim for his contributions to teaching and science education. He developed the "registered lap-dissolve projection" technique that has been widely applied in colleges and universities across Canada and the U.S. The success of his "World of Chemistry" course at McGill, designed for non-science students, has become almost legendary. He is also the principle creator of "The Chemistry Show" which was presented at Expotec in Montreal this summer.

Professor Harpp has received numerous awards, including the Union Carbide Award for Chemical Education (1982), the Leo Yaffee Award for Excellence in Teaching at McGill University (1982), the Chemical Manufacturer's Association National Catalyst Award (1988), the Royal Society of Canada's McNeil Medal for the Public Awareness of Science (1992), and the Le Prix Beppo for scientific animation for young people given by the science magazine "Les Petits Debrouillards".

**The Division of Organic Chemistry Newsletter Advertisements.** Businesses, Organizations, Individuals -- Would you like to be able to reach the 13,000 members of the ACS Division of Organic Chemistry with your message? In response to numerous requests, the DOC Newsletter will now accept advertisements. These advertisements will be in the form of 8 1/2 x 11 inserts which must be provided to the DOC Secretary-Treasurer by August 15th or February 15th for inclusion in hardcopies of the Fall and Spring newsletters, respectively. For-profit groups will be charged \$2,000 per page; non-profit groups pay \$500 per page. The Division reserves the right to reject any submissions which, in the opinion of the Executive Committee, are inappropriate. For further details, contact the Office of the Secretary-Treasurer.

**Organic Division WWW Home Page** Now Available on the WWW home page of the DOC--An Organic "Review" Database-8,000 References. Review articles have played a special role in the repertoire of literature searching. Over the past several years, the Journal of Organic Chemistry has regularly published any important reviews which are of use to the organic community. The journal owes a debt to the late Sam Wilen who was responsible for much of the initial collection. Future reviews will continue with Dennis Liotta and Veronica Cornel as the new review editors. All of the previous reviews published in JOC have recently been included in an organic computer database (available from Heterodata, Inc.) using Filemaker Pro technology. In addition to those obtained from J. Org. Chem., many other review articles of interest to organic chemists have been added to this computer database. The entire collection is now available (gratis) to members of the Organic Division of the ACS. All you need to do is to download the review. hqx file onto your Mac and follow the directions to dearchive the database.

### **Annual Volumes of Organic Syntheses**

Volume 73 (edited by Robert K. Bockman, Jr.) was sent to members in July 1995. If for any reason you did

not receive your copy or you need additional copies, they are available through the Office of the Secretary-Treasurer. There are still extra copies of Volume 72 (edited by David L. Coffin) also available through the Office of the Secretary.

The [Division of Medicinal Chemistry](#) has included in the hardcopy of this newsletter an application for new membership. If you are interested please obtain an application form from Leslie G. Humber, treasurer of the Division of Medicinal Chemistry, ACS, Wyeth-Ayerst Research, CN 8000, Princeton, NJ 08543-8000 Fax: 908/274-4292 or access their Web site.

## Abstracts

The abstracts of papers presented before the Organic Division will be lithographed and distributed to the members of the Division. Complete sets of the abstracts of all papers presented at the Chicago (August 1995) National ACS Meeting may be obtained from ACS Distribution Service, 1155 16th Street, N.W., Washington, DC 20036. Be sure to indicate Divisional Membership when ordering. A limited number of copies of the abstracts of papers previously presented before the Division are also available upon receipt of \$3.00 per abstract of National Meetings, or \$5.00 per abstract of National Organic Symposia.

## 1996 ACS Women Chemists Committee Travel Awards

Eli Lilly & Company and Hoechst Celanese Corporation are sponsoring a program to provide funding for undergraduate, graduate, and postdoctoral women chemists to travel to scientific meetings in 1996 to present the results of their research. Grants may be applied only to registration, travel, and accommodations, and are restricted to travel to meetings within the United States. Grant funds are limited, but there are some funds set aside for undergraduates. Only U. S. citizens and permanent residents are eligible. Preference will be given to those who have not made a previous presentation at a national or major meeting. Applications should be limited to one per research group. Women who have received a prior award under this program are ineligible. The deadline dates for receipt of applications for 1996 meetings are as follows: Oct. 15, 1995--Meetings between Jan. 1 and June 30, 1996. March 15, 1996--Meetings between July 1 and Dec. 31, 1996. Application materials can be obtained through: Cheryl H. Brown, Women Chemists Committee, American Chemical Society, 1155 16th Street, NW, Washington, DC 20036. (Tel: 800-227-5558, option 52)

## Congress & Chemistry

Underneath the coffee ring on today's newspaper, you read about taxes, budget reform, and less government. You can either wonder what it means to your future as a chemical professional or you can work within this time of dramatic congressional change. By signing up to join the ACS Federal Funding Networks, you will have timely, critical information about the status of NSF and NIH in the federal policy arena at your fingertips. Bulletins will be sent to you by fax or e-mail that detail the budget and policy battles over NSF and NIH to provide you the information you need to communicate effectively with your Representatives in Congress.

Why get involved? Two reasons: The future and the present. Looking into the future, the recent budget resolutions in the House and the Senate project NSF to have 19.5% less real dollar purchasing power in the year 2002 when compared to today. NIH will fare even worse. In the present, you can make a difference. Common sense dictates that  $E+R=O$ , or Event + Response = Outcome. If you don't register your response to congressional actions that affect your future, you will not be part of the outcome.

Make a difference. Join the ACS Federal Funding Networks today. Contact the ACS Federal Funding Networks by telephone at (202) 452-2127, or via e-mail at [NSFNET@acs.org](mailto:NSFNET@acs.org) or [NIHNET@acs.org](mailto:NIHNET@acs.org). We look forward to hearing from you.

**Notice to Division Members Living Outside the U.S., Canada, and Mexico:**

The Organic Division will airmail the New Orleans Meeting Information in *C&E News* to all foreign members of the Division who request it by writing the Secretary prior to December 31, 1995.

### **Division Abstracts:**

Since the divisional abstracts for national meetings are sent surface mail, some members may not receive the abstracts before the meeting. Members who attend the meeting and have not received divisional abstracts may obtain a set of abstracts free of charge from the ACS Operations Office at the meeting.

### **ACS Releases New Publication**

The ACS is pleased to announce the publication of *Understanding Chemical Hazards: A Guide for Students*. The Task Force on Occupational Health and Safety (OHS), which operates under the purview of the ACS Committees on Environmental Improvement and on Chemical Safety, developed the booklet. The Task Force hopes to increase the awareness of undergraduate chemical science students about working safely with chemicals and to assist institutions in preparing their students to have good safety habits. Task Force members believe that science graduates entering the workplace must know how to work safely with chemicals in order to minimize the potential for chemical accidents. Academic institutions are instrumental in preparing students; their graduates take these practices into the workplace.

Given the importance of chemical safety in the workplace and the need for future laboratory technicians and scientists to adhere to prudent practices, this handbook is a must for all students taking courses that involve the use of chemicals. The Society hopes that this document will provide a rich resource for academic institutions and their laboratory instructors who wish to raise their students' awareness about chemical health and safety in laboratories.

Individuals may receive one copy free of charge. Send a self-addressed label to American Chemical Society, Department of Government Relations and Science Policy, 155 Sixteenth Street, NW, Room 330, Washington, DC 20036. Non-profit organizations may receive up to ten copies free of charge. Additional copies may be obtained for a nominal fee. Requests should be mailed to the address noted above. For details on how to receive multiple copies, please call 202-872-8725.

Sincerely,

Dennis C. Liotta, Secretary-Treasurer

American Chemical Society-Division of Organic Chemistry

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## **INFORMATION FOR AUTHORS OF PAPERS**

### **I. ACS Requirements**

The Bylaws of the American Chemical Society place the following requirements on papers that are presented at National ACS Meetings.

#### **1. ACS Membership**

At least **one author** of each paper must be a member of the American Chemical Society, unless all the authors are not chemists or engineers residing in the United States.

## II. Organic Division Requirements and Policies

The Organic Division has the following Bylaws and policies pertaining to ORAL PAPERS and POSTER PRESENTATIONS (they are considered to be of equal importance) submitted for presentation at National ACS Meetings.

1. Under no circumstances should a paper appear in print in a journal other than as a communication to the editor before oral presentation. Responsibility for ensuring that this policy not be violated rests solely with the author(s). If a manuscript is accepted for publication at a Meeting, the author(s) should specifically request the editor to arrange publication in an issue that is circulated after the ACS Meeting.

2. Short Abstracts.

**FIVE IDENTICAL COPIES of a 150-word abstract are required.** The original must be typed on the ACS blue abstract form and four copies on at least 16lb. bond paper. *The abstract itself must be kept within the indicated 7 1/2" x 3 1/8" area.* The preparation of a short abstract demands care and attention since direct photoreproduction will be used. Provide all data requested.

**ABSTRACTS WHICH ARE NOT PROPERLY PREPARED, WILL CONSTITUTE GROUNDS FOR AUTOMATIC REJECTION OF THE PAPER. NO NOTIFICATION OF REJECTION ON THIS BASIS WILL BE PROVIDED TO THE AUTHORS UNTIL AS INDICATED IN NUMBER 6 BELOW.**

**FAXed or E-mailed abstracts *will not* be accepted.**

3. Long Abstracts.

**One copy of a long abstract (at least 1,000 words) of the paper to be presented which contains a detailed description of the experimental work upon which the paper is based must be submitted (required by the By-Laws of the Division).** A copy of the manuscript in a form to be submitted for publication constitutes an ideal long abstract. No paper can be accepted for the meeting program unless it is accompanied by a long abstract. After the long abstract has been reviewed in preparation for the program, the long abstract of each paper accepted will be sent to the chairman of the session in which the paper is to be presented. The presiding officer will serve as discussion leader for each of the papers in his session or will appoint some other person to serve as discussion leader. The long abstract cannot be returned. Manuscripts for publication should be sent to the editors of the journals and not the Secretary of the Division.

4. Deadline for Receipt.

**The original and four copies of the 150-word abstract and one copy of the 1,000-word abstract should reach the office of the Program Chair no later than the deadline.** Since the program is arranged and the 150-word abstracts mailed to the ACS office in Washington immediately after this date, no papers can be withdrawn, or changed after the deadline. Please be certain of your plans before submitting a paper. **PAPERS POSTMARKED BEFORE BUT RECEIVED WITHIN FOUR DAYS OF THE DEADLINE MAY AUTOMATICALLY BE CONSIGNED TO A POSTER SESSION.** Papers received after that time may not be accommodated in the program.

5. Scheduling of Papers.

Insofar as possible, the papers are arranged according to subject matter. Please do not request the scheduling of a paper at a specific time unless a conflict **WITH ANOTHER ACS PROGRAM** makes it impossible for you to attend on certain days. However, if such a conflict exists, please advise the Program Chair no later than the deadline **REQUESTS FOR PARTICULAR TIMES FOR PRESENTATION WITHOUT INDICATING A CONFLICT WITH AN ACS FUNCTION CANNOT BE HONORED.**



## 6. Notification of Acceptance.

The author presenting the paper will be notified of the date and time when the paper has been scheduled approximately four weeks after the Program Chair's deadline. If a paper cannot be accepted, the author will be notified of this fact as soon as possible after the Program Chair's deadline, and all of the abstracts will be returned.

If an oral presentation is requested on the short abstract, an attempt will be made to honor that request. However, if the topic of the requested oral presentation does not conveniently fit in an oral session, or if an inordinately large number of requests for oral presentations are received, the presentation may be moved to a poster session. When no preference is indicated, the paper will be slotted in either an oral or a poster session depending on the topic.

## 7. Acknowledgment of Receipt.

Any author desiring acknowledgment of receipt of a submitted paper should include the self-addressed, stamped postcard affixed to the blue abstract form.

### **III. Slides and Oral Presentation**

Each meeting room will be equipped with a blackboard and with projection facilities for 2" x 2" slides and overhead transparencies. Authors should be sure their slides are legible and present a reasonable amount of data on each slide. Manuscripts should not be read verbatim. The Executive Committee recommends strongly that each paper be presented by the senior author. However, whether the paper is presented by a junior or senior author, the presentation should be carefully prepared so that it is properly timed and of high quality. Since the time allotted to each oral presentation is only 20 minutes it is suggested that no more than ten slides be used in the presentation. The material on the slides should be presented **horizontally**. The size of the screens do not allow for the easy use of vertical slides.

### **IV. Poster Session**

Boards (4' x 6') will be available for each Poster presentation. Plan to use large letters for the titles, authors, and affiliation. Do not use pica or smaller for figures or text. Minimize text and maximize the number of figures, schemes, and structures. The contents must be readable from at least four feet.

#### Mail submissions to:

Stan S. Hall

National Program Chairman

Department of Chemistry

Rutgers University

73 Warren Street

Newark, NJ 07102

#### Meeting: Deadline:

211th Nat'l. ACS Meeting December 1, 1995

(New Orleans, Louisiana,

March 24-28, 1996)

212th Nat'l. ACS Meeting May 1, 1996

(Orlando, Florida,

Aug. 25-29, 1996)