Division of Organic Chemistry

American Chemical Society

October 1994

Office of the Secretary-Treasurer
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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.

Submittors 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 No papers can be withdrawn after acceptance except for unusual circumstances.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 Anaheim will feature:
- James Flack Norris Award in Physical Organic Chemistry sponsored by the Northeast Section, ACS, to William P. Jencks, Monday afternoon.
- Ernest Guenther Award in the Chemistry of Natural Products sponsored by Givaudan-Roure to Jon C. Clardy, Wednesday morning.
- Alfred Bader Award in Bioinorganic or Bioorganic Chemistry to Stephen J. Benkovic, Wednesday afternoon.
- ACS Award in Pure Chemistry sponsored by Alpha Chi Sigma Fraternity to Reza Ghadiri, Tuesday afternoon.
- ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences sponsored by the Camille and Henry Dreyfus Foundation to Henry C. McBay, Monday morning.
- ACS Award for Creative Work in Synthetic Organic Chemistry sponsored by Aldrich Chemical Company to Larry E. Overman, Tuesday morning.
-Symposium on "Combinatorial Synthesis" (organized by Jonathan Ellman)

Future Divisional Programs
The 34th National Organic Symposium will be held at The College of William and Mary in Williamsburg, Virginia, June 11-15, **1995**. Dr. Thomas R. Hoye (University of Minnesota) is the Symposium Executive Officer.

209th National ACS Meeting, Anaheim, California, April 2-7, 1995.

210th National ACS Meeting, Chicago, Illinois, August 20-25. 1995

211th National ACS Meeting, New Orleans, Louisiana, March 24-29, 1996

212th National ACS Meeting, Boston, Massachusetts, August 18-23, 1996

Other Meetings of Interest:

First Winter Conference on Medicinal and Bioorganic Chemistry, Steamboat Springs, Colorado, January 29-February 2, 1995. The general syllabus for the meeting is as follows: The Reemerging Importance of Natural Products as a Source of Drugs; Enantioselective Synthesis in Medicinal Chemistry; The Molecular Basis of Signal Transduction; Enzyme Mechanisms and Inhibitor Design; and Keynote Address by Professor John Katzenellenbogen from the University of Illinois. Daniel Flynn

(Searle) and Michael Rafferty (Parke-Davis) are the co-organizers of this conference.

Automation: Key to Productivity in the 90's to be held at the ACS National Meeting in Anaheim, CA, April 2-7, 1995. This session will include automated sampling and sample prep; robotics; lab, field and process applications: real-time, on-line monitoring; state-of-the-art hardware, software; integrated systems; economic benefit analysis and more. Topical Areas: **Laboratory Automation**, Tony Beugelsdijk, Los Alamos National Laboratories (505) 667-3169; **Field and Process Automation**, Elizabeth McGrath, Center for Process Analytical Chemistry (CPAC) (206) 685-2326; **Automation Standards & Technology**, H.M. (Skip) Kingston, Duquesne University (412) 396-5564

NOMINATION FOR CHEMICAL PUBLICATION OF THE CENTURY at the ACS National Meeting Sci/Mix Poster Session, August 21, 1995 in Chicago, IL. This Sci/Mix poster session celebrates the role of scientific publications in the advancement of chemistry and related sciences. Posters accepted for this session will demonstrate how the featured publication has contributed to the advancement of chemistry, chemical engineering, or a related science or technology. Nominated publications must have been published since Jan. 1, 1901. Journal articles, separately authored chapters in books, patents, etc., may be nominated. A maximum of two posters nominating any one publication will be accepted. Please contact David Saari at the address below for further information or to indicate an interest in submitting a poster. Abstracts of posters must be submitted on the standard ACS abstract forms. Abstracts must be received by March 31, 1995. Please send abstracts to: David Saari, American Cyanamid Company, Agricultural Research Division, Clarksville Road, Post Office Box 400, Princeton, NJ 08543-0400 USA; Tel: 609-799-0400 x2512; Fax: 609-275-3576; Internet: saarid@pt.Cyanamid.com

15TH INTERNATIONAL CONGRESS OF HETEROCYCLIC CHEMISTRY will be held August 6-11, 1995 in Taipei, Taiwan, ROC. Scientific Scope: Organic synthesis in heterocyclic chemistry; Molecular recognition by heterocycles; Asymmetry and heterocycles; Heterocyclic pharmaceuticals and agrochemicals; Bioorganic chemistry of heterocycles; New heterocyclic materials; and other chemistry and aspects of heterocycles. Further information can be obtained from Chin-Kang Sha, Department of Chemistry, National Tsing Hua University, Hsinchu, Taiwan, ROC, Tel: 886-35-722427 or Fax: 886-35-725870.

HONG KONG INTERNATIONAL SYMPOSIUM ON HETEROCYCLIC CHEMISTRY will be held August 13-16, 1995 at the University of Hong Kong. The scientific program will cover: Biologically Active Heterocycles; Heterocyclic Ligands and Asymmetric Synthesis; and New Methods of Heterocyclic Synthesis. The symposium will include at least 5 plenary lectures, 10 invited lectures, oral presentations, and posters. Further information can be obtained from Dr. Roy M. Letcher, Department of Chemistry, The University of Hong Kong, Pokfulam Road, Hong Kong; Tel: 852-859-2150 or Fax: 852-852-1586.

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.

Election of Divisional Officers:
The results of the 1994 election are:
A. B. Smith - Chairman Elect (3-year term beginning Jan., 1995; 1 year as Chairman-Elect, 1 year as Chairman, 1 year as Executive Committee Member);
W. Jennings and C. Kowalski - Executive Committee (3-year terms beginning Jan., 1995);
C.A. Maryanoff - Councilor (3-year terms beginning Jan., 1995);
S.D. Burke and J. H. Rigby - Alternate Councilor (3-year term beginning Jan., 1995);
Procedures for nominating officers of the Organic Division to be elected in 1995 are enclosed. The Nominating Committee would appreciate your advice and would like to have your suggestions by December 1, 1994.

Division of Organic Chemistry Graduate Fellowships
Graduate Fellowships in the amount of $15,000 each have been awarded to:
* Andrew M. Ratz, Harvard University, Abbott Laboratories Fellow, David A. Evans, research director.
* Aaron Balog, University of Pittsburgh, American Cyanamid Fellow, Dennis P. Curran, research director.
* Natalia Colocci, California Institute of Technology, Eli Lilly & Company Fellow, Peter B. Dervan, research director.
* Edward A. Wintner, Massachusetts Institute of Technology, Glaxo Fellow, Julius Rebek, Jr., research director
* Rodney K. Guy, The Scripps Research Institute, Merck, Sharp & Dohme Fellow, K. C. Nicolaou, research director.
* Mary Didiuk, Boston College, Monsanto Fellow, Amir h. Hoveyda, research director.
* Alexandra E. Gould, Massachusetts Institute of Technology, Organic Reactions and John Wiley and Sons Fellow, Rick L. Danheiser
* James R. Vyvyan, University of Minnesota, Organic Syntheses Fellow, Thomas R. Hoye, research director
* Virginia Cornish, University of California, Pfizer Fellow, Peter G. Schultz, research director
* M. David Weingarten, Emory University, Procter and Gamble Fellow, Albert Padwa, research director
* Stephen C. Alley, University of Washington, R.W. Johnson Pharmaceuticals Fellow, Paul B. Hopkins , research director.
* Scott K. Silverman, California Institute of Technology, Rohm and Haas Fellow, Dennis A. Dougherty, research director.
* Thomas R. Pettus, University of Rochester, Smith-Kline Beecham Fellow, Richard H. Schlessinger, research director.
* Andrew Turner Morehead, Jr., Duke University, Upjohn Company Fellow, Michael Pirrung, research director.

* James Chen, Harvard University, Zeneca Pharmaceuticals Group Fellow, Stuart L. Schreiber, research director.

Important Notices

The Division's Newsletter will be available on Internet upon your receipt of this newsletter. Instructions for accessing the most recent newsletter are availabe through the Office of the Secretary-Treasurer upon request.

Annual Volumes of Organic Syntheses
Volume 72 (edited by David L. Coffen) was sent to members in 1993. 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. Volume 73 (edited by Robert K. Boeckman) is expected to be available sometime in late 1994.

ACS Congressional Fellowship Program: The American Chemical Society's congressional Fellowship Program places a person with a background in science and public policy in the office of a U.S. Senator, Representative, or congressional committee or subcommittee. During the year-long Fellowship, this person is responsible for providing the office in which he or she serves with a sound, objective scientific basis for policy decisions. The Fellow also increases ACS visibility on Capitol Hill, and provides the Society's membership with insights gained during the Fellowship.
ACS fully funds a stipend for the fellow, but other sources of funding may be acceptable (e.g., the fellow's employer, private foundations, etc.). The 1995-96 stipend is $43,700. The next Fellow to be selected will begin work in September of 1995.
Fellows are selected on a competitive basis from among members of the ACS who have significant familiarity with one of the chemical sciences or engineering (e.g., a doctorate or equivalent work experience); a working understanding of the chemical community; and experience in civic activities or public affairs. Past involvement in ACS activities also is taken into account. A candidate for the Fellowship must submit a letter of intent and a resume to the ACS. In addition, two letters of recommendation are to be sent directly to the ACS by their authors.
The ACS Committee on Chemistry and Public Affairs (CCPA) Congressional Fellowship Subcommittee and the ACS Department of government Relations and Science Policy maintain ongoing contact with the Fellow and congressional offices. The Fellow is required to report regularly to CCPA and meet with other Society groups as necessary to provide for an adequate flow of information. The American Association for the Advancement of Science's (AAAS) Congressional Science and Engineering Fellowship Program provides an orientation session for the Fellow.
The deadline for receipt of application materials for this Fellowship is January 1, 1995. For further information, contact Caroline Trupp at the ACS Department of Government Relations and Science Policy/1155 Sixteenth Street, NW/Washington, DC 20036, or phone her at 202/872-4467.

"Demonstrations in Organic Chemistry" is a 60-minute laser videodisc designed to provide visual examples of the chemistry of carbon compounds. Content is designed for use at both the high school and college level in general and organic chemistry courses. Also included are practical uses of compounds, techniques, the use and manipulation of models or organic molecules, equations for many reactions, and teacher notes explaining reactions. Author: Gary Trammell. 60-minute, 12-in., double-sided, CAV-type, barcoded, NTSC. Special Issue 6, $150 ($175 foreign and Canada). Contact: *Journal of Chemical Education: Software,* University of Wisconsin-Madison, Department of Chemistry, 1101 University Avenue, Madison, WI 53706-1396; (608) 262-5153; (608) 262-0381 (FAX).

INORGANIC FLUORINE CHEMISTRY, Toward the 21st Century, edited by Joseph Thrasher of University of Alabama and Steven Strauss of Colorado State University, offers an up-to-date account of fundamental and applied research and points to future directions in inorganic fluorine chemistry. Reviews the major advances in fluorine-continuing substituent groups. Provides a critical examination of coordination numbers greater than six among fluorides and oxofluorides. Discusses attempts to control chemical reactivity and stability through the use of more nucleophilic sources of fluoride or, conversely, more weakly coordinating anions. Features chapters on new fluorine-containing ligands in organometallic, transition metal, solid state, lanthanide, and actinide chemistry. May be ordered directly from the ACS Distribution Office, Dept. 390. Customers in the U.S. call (800) ACS-5558 toll free and charge to any major credit card.

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 Washington, D.C. (August 1994) 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 available from the Secretary's office upon receipt of $3.00 per abstract of National Meetings, or $5.00 per abstract of National Organic Symposia.

Notice to Division Members Living Outside the U.S., Canada, and Mexico:
The Organic Division will airmail the Anaheim Meeting Information in *C&E News* to all foreign members of the Division who request it by writing the Secretary prior to December 31, 1994.

Division Mailings
Division members, are you curious about mail you have or haven't received? Here are a few things you should know about the logistics and mechanics of division mailings:

Divisions send newsletters and abstracts by nonprofit bulk rate mail, which usually takes two or three weeks to get where it's going; members outside the United States usually receive their materials via air mail. Use of bulk mail helps save on postage (a major expense for all divisions, particularly for preprint volumes), which helps hold down division dues. First-class mail is used on some occasions.

Keep in mind that your division officers are volunteering their time to put these mailings together and that they are sending them in the most timely, yet inexpensive way. If you've missed an issue or a book, review the following checklist:

1) Are you a current division member in good standing? You can join, renew, or check your division membership status

by calling ACS Member & Subscriber Services at 800/333-9511 or 614/447-3776.

2) Did you move? If you're wondering if your mailing address is correct, check your Chemical & Engineering News mailing label; the same address is used for division mailings. To update your address call ACS Member & Subscriber Services at 800/333-9511 or 614/447-3776, or send a fax to 614/447/3671.
3) Check with your employer's mailroom to see if they accept bulk mail or your local post office to see if they hold any mail.
4) Are you a new division member? If you joined a division three months prior to a national meeting, a label will probably not be generated for the meeting mailing.

Division newsletters and abstracts are mailed with the intention that members receive them prior to national meetings. In order to accomplish this, mailing labels are generated with considerable lead time so that the appropriate number of copies can be printed and mailed. Depending on when you join a division, you may not get the current mailing because the labels might have already been produced.

If you find that you are missing an issue, you can have it replaced by 1) visiting your division's table at a national meeting, 2) asking your division secretary if there are any copies left over, or 3) call Wendy Torosian in the Divisional Activities Office at ACS headquarters at 800/227-5558 (at the menu, press 9-4-3) or 202/872-4401, or send electronic mail via Internet to wmt91@acs.org

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.

Book Discount
Coupons which provide substantial discounts on the purchase of books from Academic Press, Holden Day, John Wiley & Sons, Marcel Dekker, Pergamon, Plenum, and VCH Publishers, Inc. are included with this newsletter. To obtain the discount, sign the coupon and include it, **with prepayment** (use U.S. currency), in an order to the publisher's address as indicated. Extra coupons are available from the Secretary-Treasurer's office upon request. Discounts and participating publishers are:
ACADEMIC Press, Inc., 25% discount. Order Department, Academic Press, Inc., 465 S. Lincoln Dr., Troy, MO 63379, (800-321-5068).
HOLDEN Day, Inc., 25% discount. Holden Day, Inc., 4432 Telegraph Ave., Oakland, CA 94609, (415-428-9400).
JOHN Wiley & Sons, 25% discounts on Wiley-Interscience books, excluding textbooks. John Wiley & Sons, Eastern Distribution Center, 1 Wiley Drive, Somerset, NJ 08875, (212-850-6418).
MARCEL Dekker, Inc., 30% discount. Marcel Dekker, Inc., 270 Madison Ave., New York, NY 10016, (800-228-1160).
PERGAMON Press, Inc., 25% discount. Orders must be directed to Ms. I. Valentine, Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, NY 10523.
PLENUM Press, Inc., 25% discount. Plenum Publishing Company, 233 Spring St., New York, NY 10013, (800-221-9369).
VCH Publishers, Inc., 25% discount. VCH Publishers, Inc., 220 East 23rd Street, Suite 909, New York, NY 10010-4606, (800-422-8824).

Sincerely,

Dennis C. Liotta, Secretary-Treasurer
American Chemical Society-Division of Organic Chemistry

40% off!

ACS Books
Division Discount
Order Form

Fluorescent Chemosensors for Ion and Molecule Recognition
Edited by Anthony W. Czarnik
(ACS SYMPOSIUM SERIES No. 538)

I wish to take advantage of the special divisional discount offer for the above book. I understand this book retails for $69.95 but is available to me for $41.97. I also understand there is a one-copy limit and that orders must include my personal check made out to ACS or my credit card number.

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