



Division of Organic Chemistry

American Chemical Society

Office of the Secretary-Treasurer, Department of Chemistry
Iowa State University Ames, Iowa 50011 515-294-2886

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Members of the Division of Organic Chemistry:

You are invited to attend the meetings and to submit a paper for presentation before the Division of Organic Chemistry at the 188th National ACS Meeting in Philadelphia, Pa., August 26-31, 1984. Requests for hotel reservations should be withheld until publication of the preliminary program in *Chemical and Engineering News*.

Instructions for submissions of papers are contained in the accompanying sheet entitled "Information for Authors of Papers." Please read them carefully. **The firm deadline for receipt of papers is April 20, 1984 as noted on the accompanying sheet.**

There will be a divisional business meeting (8:30 p.m.) and social hour (9:00 p.m.) on Sunday, August 26th, at locations to be announced in *C & E News*.

The Divisional Program in Philadelphia will feature:

Award Symposium

• The Arthur C. Cope Award to A. Eschenmoser; lectures will be presented by E. J. Corey, G. Stork, and A. Eschenmoser—Tuesday p.m.

• **Symposium** on "Organic Phototransformations in Non-Homogeneous Media" organized by Marye Anne Fox—Monday, Tuesday a.m. and Wednesday a.m.

• **Symposium** on "Polycyclic Aromatic Hydrocarbons and Cancer" organized by Ronald G. Harvey—Tuesday a.m. and Wednesday.

Future Divisional Programs

April 28-May 3, 1985. Miami Beach, Fla. The 189th National Meeting of the ACS. A symposium on "Polymer-Supported Reagents and Catalysts" is being organized by Warren T. Ford, Department of Chemistry, Oklahoma State University, Stillwater, Okla. 74078. This symposium will be co-sponsored with the Division of Polymer Chemistry.

June 16-20, 1985. The 29th National Organic Symposium. The symposium site will be selected in April and will be east of the Mississippi River.

September 8-13, 1985. Chicago, Ill. The 190th National Meeting of the ACS. A symposium of "Structure and Reactions of Organic Cation Radicals" is being organized by Nathan L. Bauld, Department of Chemistry, The University of Texas at Austin, Austin, Texas 78712. A symposium on "Nucleophilicity" is being organized by Samuel P. McManus, Department of Chemistry, The University of Alabama in Huntsville, Huntsville, Ala. 35899.

Other Meetings of Interest

May 7-9, 1984. Williamsburg, Va. The tenth biennial meeting of the Organic Reactions Catalysis Society. Papers will be presented on "Catalytic Oxidation," " H_2/CO Reactions," and "The Use of Catalysis in Organic Synthesis." Chairman: R. L. Augustine, Department of Chemistry, Seton Hall University, South Orange, N.J. 07079.

May 23-25, 1984. Kalamazoo, Mich. The Joint Meeting of the Great Lakes and Central Regions of the ACS. The program includes symposia on "New Synthetic Methods in the Preparation of Pharmaceuticals," "Synthesis and Reactions of Unnatural Products," "Synthesis of New Polymers," "Advances in Catalysis of Organic Reactions," and "Advances in Photochemistry." Program Co-Chairs are Michael P. Doyle, Hope College, Holland, Mich. and Edward C. Olson, The Upjohn Company, Kalamazoo, Mich.

June 4-7, 1984. Durham, N.C. The 20th Conference on Reaction Mechanisms, Duke University. Chairman: Edward M. Arnett, Department of Chemistry, Duke University, Durham, N.C. 27706.

August 20-24, 1984. Auckland, New Zealand. Seventh IUPAC Conference on Physical Organic Chemistry. Conference theme: "Intermediates and Transition States in Organic Chemistry." Speakers include J. I. Brauman, J. F. Bunnett, M. Hanack, K. U. Ingold, K. Okamoto, L. Radom, and C.J.M. Stirling. Organizing Committee Secretary: B. R. Davis, Department of Chemistry, University of Auckland, Private Bag, Auckland, New Zealand.

October 24-26, 1984. Raleigh, N.C. The 36th Southeastern Regional Meeting of the ACS. The program includes symposia on "Stereospecific Synthesis," "Drug DNA Interactions," and "Applications of NMR Spectroscopy to Biological Problems." General Chairman: William F. Little, Department of Chemistry, University of North Carolina, Chapel Hill, N.C. 27706, (919) 962-6193.

December 16-21, 1984. Honolulu, Hawaii. International Congress of Pacific Basin Societies, Pac Chem '84. The preliminary program includes symposia on "Acrylic Stereoselection" (Heathcock), "Organic Chemical Physics" (Schuster), "Transition Metals in Organic Synthesis" (Hegedus), "Chemistry of Radicals and Radical Ions" (Russell), "Theoretically Interesting Molecules" (Wiberg), "Carbohydrates in Organic Synthesis" (Hanessian), "Singlet Oxygen and Oxidation Mechanisms" (Foote),

"Biometric Reactions" (Breslow), "Organic Electrochemical Synthesis" (Baizer), "Fluorine Compounds in Organic Chemistry" (Burton), "Applications of High Resolution Solid State NMR in Organic Chemistry" (Fife), and "Chemistry of Natural Products" (Scott). The Organic Program Coordinator for this meeting is Andrew S. Kende, Department of Chemistry, University of Rochester, Rochester, N.Y. 14627.

Elections of Divisional Officers

Enclosed with this letter is the 1984 Nominating Committee Report, a ballot, and a return envelope for the marked ballot (a ballot and a return envelope are not sent to Affiliates since under the Bylaws they do not have voting privileges). The results of the ballot shall be determined by those votes returned to the Secretary by June 1, 1984.

Division of Organic Chemistry Fellowships

Five fellowships for Ph.D. students in their third or fourth year of study will be awarded for the 1984-85 academic year. The sponsors of these fellowships are: Merck Sharp & Dohme Research Laboratories, Monsanto, Co., Pfizer, Inc., Proctor & Gamble Co., and Rohm & Haas Co. Applicants should send a letter of application and three copies of their graduate transcript, letters of recommendations from two individuals, and reprints and preprints of their work to Professor K. Barry Sharpless, Department of Chemistry, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, Mass. 02139. Evidence of accomplishment will be an important factor in the selection of the fellowship holders. Applicants should be U.S. citizens or permanent resident visa holders, and all application material should be in Cambridge by June 1, 1984.

Annual Volumes of *Organic Syntheses*

The first free copy (Vol. 62, edited by M. Semmelhack) will be sent to members this spring. *Organic Syntheses* is providing these copies and the Division is paying for their distribution.

Notice to Divisional Members Living Outside the U.S., Canada, and Mexico

Because the mailing costs for divisional members living outside the U.S., Canada, and Mexico exceed by a substantial amount the dues paid by these members, the Executive Committee has decided to send the divisional abstracts for national meetings to these members by surface instead of air. Some of these 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.

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 April 1984 National ACS Meeting may be obtained from ACS Distribution Service. 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 a self-addressed, stamped (\$1.05) envelope (at least 8" x 10") and remission of \$1.50 per abstract of National meetings, \$2.00 per abstract of National Organic Symposia.

Book Discount for Members

Enclosed with this letter are coupons which provide substantial discounts on the purchase of books from Academic Press, Holden Day, John Wiley & Sons, Marcel Dekker, Pergamon, Plenum, University Science Books, and Verlag Chemie Publishing companies. To obtain the discount, sign the coupon and include it **with prepayment** in an order to the publisher's address as indicated. Discounts and publishers included are:

Academic Press, Inc., 25 percent discount. Orders must be directed to Ms. Sherry Cohen, Academic Press, Inc., 111 5th Ave., New York, N.Y. 10003.

Holden Day, Inc., 25 percent discount. Holden Day, Inc., 500 Sansome St., San Francisco, Calif. 94111.

John Wiley & Sons, 25 percent discounts on Wiley-Interscience books, excluding text books. John Wiley & Sons, Eastern Distribution Center, 1 Wiley Drive, Somerset, N.J. 08873.

Marcel Dekker, Inc., 30 percent discount. Marcel Dekker, Inc., 270 Madison Ave., New York, N.Y. 10011.

Pergamon Press, Inc., 25 percent discount. Orders must be directed to Ms. J. Rudosky, Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, N.Y. 10523.

Plenum Press, Inc., 25 percent discount. Plenum Publishing Company, 227 W. 17th St., New York, N.Y. 10011.

University Science Books, 25 percent discount. 20 Edgehill Road, Mill Valley, Calif. 94941.

Verlag Chemie International, Inc., 25 percent discount. Verlag Chemie International, Inc., Plaza Centre, Suite E, 1020 N.W. 6th Street, Deerfield Beach, Fla. 33441.

Sincerely,



Walter S. Trahanovsky
Secretary-Treasurer

American Chemical Society—Division of Organic Chemistry
Information for Authors of Papers

I. ACS Requirements

The Bylaws of the American Chemical Society place the following requirements on papers which 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 papers 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 the oral presentation. Responsibility for ensuring that this policy not be violated rests solely with the author(s). If a manuscript is accepted for publication prior to or shortly after submission of the paper for presentation 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

Four identical copies of a 150 word (or equivalent) abstract are required. **The original must be typed on the new abstract form and submitted with three Xerox or carbon copies on at least 16 lb. bond paper. The abstract itself must be kept within a 7½" x 3½" area. The preparation of a short abstract demands care and attention since direct photoreproduction will be used.**

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.** 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 either 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 to the Secretary of the Division.**

4. Deadline for Receipt

The original and three copies of the 150-word abstract and one copy of the 1,000-word abstract should reach the office of the Secretary **no later than April 20, 1984.** Since the program is arranged and the 150-word abstracts mailed to Washington immediately after this date, **no papers can be accepted, withdrawn, or changed after April 20, 1984. Please be certain of your plans before submitting a paper.**

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 makes it impossible for you to attend on certain days. However, if such a conflict exists, please advise the Secretary **no later than April 20, 1984.** If the author is presenting a paper before one of the other divisions during the same meeting please advise the secretary of the day on which the paper is to be presented **no later than April 20, 1984.**

6. Notification of Acceptance

The author presenting the paper will be notified of the date and time when his paper has been scheduled **approximately five weeks after the Secretary's deadline.** If a paper cannot be accepted, the author will be notified of this fact **approximately four weeks after the Secretary's deadline,** and all of the abstracts will be returned.

7. Acknowledgment of Receipt

Any author desiring acknowledgment of receipt of a submitted paper should include a self-addressed, stamped postcard.

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. Since the time allotted to each oral presentation is only fifteen minutes it is suggested that **no more than ten slides be used in the presentation.**

Walter S. Trahanovsky

Secretary-Treasurer

Division of Organic Chemistry

Department of Chemistry

Iowa State University

Ames, Iowa 50011

American Chemical Society
Division of Organic Chemistry
Nominating Committee Report

Nominating Committee: N. A. Porter—Chairman, L. T. Scott, A. B. Smith III

The election of officers shall be held by mail ballot and the results of the ballot shall be determined by the majority of those whose votes are received by the Secretary by June 1, 1984. The announcement of the officers elected to serve will be made at the business meeting in Philadelphia, Pa. and in the fall newsletter. Enclosed with this report are a ballot and an addressed return envelope. In order for votes to be valid, the votes must be marked in accordance with the instructions given, placed in the addressed envelope, sealed, stamped, and mailed so that the Secretary will receive them by June 1, 1984.

For chairman-elect (one to be elected):

David M. Lemal—Born February 20, 1934, Plainfield, N.J.; A.B., Amherst College, Summa Cum Laude, 1955; Ph.D., Harvard University, 1959; Instructor to Assistant Professor, University of Wisconsin, 1958-65; Associate Professor to Professor, Dartmouth College, 1965-; Chairman, Chemistry Department, 1976-79; Albert W. Smith Professor of Chemistry, 1981; Visiting Lecturer, Harvard University, Fall, 1967; Sabbatical with A. Eschenmoser, ETH, Zürich, 1974; Sabbatical with J. Michl, University of Utah, 1981; Alfred P. Sloan Foundation Research Fellow, 1968-70; Consultant for S. C. Johnson and Son, Inc., 1963-71; Chairman, Gordon Research Conference on Hydrocarbon Chemistry, 1970; Chairman, Gordon Research Conference on Heterocyclic Compounds, 1971; Advisory Council to the Princeton University Chemistry Department, 1971-77; Board of Trustees of the Gordon Research Conferences, 1973-79; Chairman of Board, 1977-78; Division of Fluorine Chemistry, ACS, Executive Committee, 1980-83; Division of Organic Chemistry, ACS, Alternate Councilor, 1981-; Gordon Research Conferences, Selection and Scheduling Committee, 1981-. Research interests: Organofluorine chemistry, organic photochemistry, highly strained polycyclic molecules, aromatic and antiaromatic systems, influence of orbital topology on structure and reactivity.

Albert Padwa—Born October 3, 1937, New York, N.Y.; B.A., Columbia University, 1959; Ph.D., Columbia University, 1962; NSF Postdoctoral Fellow, University of Wisconsin, 1962-63; Assistant Professor, Ohio State University, 1963-66; Associate Professor to Professor, State University of New York at Buffalo, 1966-79; William P. Timmie Professor of Chemistry, Emory University, 1979-; A. P. Sloan Fellow, 1968-70; National Institutes of Health Special Senior Research Fellow, Harvard University, 1972; NATO Senior Research Fellow, ETH, Zürich, Switzerland, 1973; Medicinal Chemistry Study Section, National Institutes of Health, 1976-80; Participant in the U. S.-India Exchange of Scientist Program, 1976-77; Editorial Board, *Reviews of Chemical Intermediates*; Executive Committee, Organic Division of the Interamerican Photochemistry Society; Alternate Councilor, Division of Organic Chemistry, ACS, 1978-; Editor-at-Large, Organic Chemistry, Marcel Dekker, Inc., 1978-; Visiting Professor, University Claude Bernard, Lyons, France, 1978; Ad hoc Task Force to monitor the *Journal of Organic Chemistry*, 1979-81; Editor, Monograph on 1,3-Dipolar Cycloadditions, Wiley-Interscience, 1981-; Organizing Committee, IX IUPAC Symposium on Photochemistry, 1980-82; Editorial Advisory Board, *Journal of Organic Chemistry*, 1981-85; Editor, Tetrahedron Symposium in Print, 1980-81; Chairman, NSF Workshop on Reactive Intermediates, 1981; J. S. Guggenheim Fellow, 1981-82; Sigma Xi Award, Atlanta Section, 1981; Visiting Professor, University of California at Los Angeles, 1982; Chairman, Gordon Research Conference on Heterocyclic Compounds, 1983; Alexander von Humboldt Senior Scientist Award, 1982-84; Visiting Professor, University of Würzburg, West Germany, 1983. Research interests: Highly strained and highly reactive intermediates, heterocyclic chemistry, mechanism of photochemical reactions, cycloaddition chemistry, application of molecular orbital theory in organic chemistry, synthetic methodology, alkaloid synthesis.

For Secretary-Treasurer-Elect (one to be elected)

Joseph J. Gajewski—Born November 7, 1939, Hammond, Ind.; B.S. Loyola University, Chicago; Ph.D., University of Wisconsin, 1965; NSF Postdoctoral Fellow, Columbia University, 1966; Assistant Professor to Professor, Indiana University, 1966-; Visiting Professor, University of Colorado, Summer, 1971; Visiting Professor, University of Wisconsin, 1974; A. P. Sloan Fellow, 1971-73; Chairman, Gordon Research Conference on Physical Organic Chemistry, 1984. Research interests: Organic reaction mechanisms, stereochemistry, kinetic isotope effects, biradicals, theoretically interesting compounds, scope and limitations of the Woodward-Hoffmann Rules, high temperature radical chain reactions and coal liquefaction.

For the Executive Committee (two to be elected):

Paul S. Anderson—Born February 3, 1938, Concord, Vt.; B.S. University of Vermont, 1959; Ph.D., University of New Hampshire, 1963; NIH Postdoctoral Fellow, Cornell University, 1963; Senior Research Chemist to Executive Director of Medicinal Chemistry, Merck Sharp and Dohme Research Laboratories, 1963-; Division of Medicinal Chemistry, ACS, Vice-Chairman, 1983; Fellow of the New York Academy of Sciences; Fellow of the Society of Sigma XI. Research interests: Medicinal chemistry.

Pat N. Confalone—Born 1945, Bethlehem, Pa.; B.S., Massachusetts Institute of Technology, 1967; M.S., Harvard University, 1968; Ph.D., Harvard University, 1970; Postdoctoral, Harvard University, 1971; Hoffmann-La Roche, 1971-81; DuPont Central Research Department, Life Sciences, 1981-; Visiting Professor, Colorado, summer, 1977; Adjunct Professor, Rutgers University, 1979-80. Research interests: Bioorganic chemistry, synthetic methodology, computer molecular modeling, design and synthesis of enzyme inhibitors.

Maryle Anne Fox—Born, December 9, 1947, Canton, Ohio; B.S., Notre Dame College, 1969; M.S., Cleveland State University, 1970; Ph.D., Dartmouth College, 1974; NSF Postdoctoral Fellow, University of Maryland, 1974-76; Assistant Professor to Associate Professor, University of Texas at Austin, 1976-; Consultant, Polaroid Corporation, 1982-; A. P. Sloan Fellow, 1980; Camille and Henry Dreyfus Teacher-Scholar, 1980; U.S. Delegate-Observer, IUPAC General Assembly, Leuven, Belgium, 1981; Distinguished Alumna Award, Notre Dame College, 1981. Research interests: Organic photochemistry, photoelectrochemistry, organic reaction mechanisms, photoreactions of carbanions and biologically important molecules, organic environmental chemistry.

Milan R. Uskoković—Born July 14, 1924, Yugoslavia; Dipl. Chem. Eng., The Polytechnic Institute of the University of Belgrade, 1950; Ph.D., Clark University, 1959; Research Scientist, the Worcester Foundation for Experimental Biology, 1956-60; Research Chemist, Chemical Research Dept., to Director, Natural Products Chemistry Dept., Hoffmann-La Roche, Inc., 1960-; Adjunct Professor, Stevens Institute of Technology, 1979-; Editorial Advisory Board, *Journal of Organic Chemistry*; Editorial Advisory Board, *Synthetic Communications*; H. J. Backer Lecturer, University of Groningen, 1982. Research interests: Stereoselective chiral syntheses of natural products, alkaloids, steroids, Vitamin D metabolites, terpenes, biotin, amino sugars, anthracyclines, β -lactam antibiotics, polyether antibiotics, macrolides.

The following candidates were nominated by the Executive Committee in compliance with the Bylaws.

For Councilor (one to be elected):

Michael P. Cava—Born February 13, 1926, Brooklyn, N.Y.; B.S., Harvard University, 1946; Ph.D., University of Michigan, 1951; U.S. Public Health Postdoctoral Fellow, Harvard University, 1951-53; Assistant Professor to Professor, Ohio State University, 1953-65; Professor, Wayne State University, 1965-69; Professor, University of Pennsylvania, 1969-; Visiting Professor, University of Illinois, 1957; Visiting Professor, University of California, Santa Barbara, 1968; A. P. Sloan Fellow, 1958-62; Division of Organic Chemistry, ACS, Executive Committee and Councilor; NIH Medicinal Chemistry Study Section, 1966-70. Research interests: Isoquinoline alkaloids; anthracyclines and tetracyclines; hydroxamic acids; organic sulfur, selenium, and tellurium compounds.

For Alternate Councilor (one to be elected):

Stuart W. Staley—Born July 11, 1938, Pittsburgh, Pa.; B.A., Williams College, 1959; Ph.D., Yale University, 1964; Postdoctoral, University of Wisconsin, 1963-64; Assistant professor to Professor, University of Maryland, 1964-74; Professor, University of Nebraska, 1978-; Chairman, Gordon Research Conference on Hydrocarbon Chemistry, 1976; Division of Organic Chemistry, ACS, Alternate Councilor, 1977. Research interests: Carbanions, aromaticity and anti-aromaticity, electron transmission and photoelectron spectroscopy.

Deadline for Receipt of Abstracts of General Papers for Division of Organic Chemistry

Meeting:

188th ACS
(Philadelphia, Pa., August 26-31, 1984)

Deadline:

April 20, 1984

Meeting:

189th ACS
(Miami Beach, Fla., April 28-May 3, 1985)

Deadline:

December 14, 1984

Four copies of 150-word abstract (original on ACS abstract form) and one copy of 1000-word abstract must be returned by the deadline date.

Mail to:
Dr. Walter S. Trahanovsky
Department of Chemistry
Iowa State University
Ames, Iowa 50011

American Chemical Society
Division of Organic Chemistry

Ballot

Chairman-Elect:

(Vote for **one** [1])

☐ David M. Lemal

☐ Albert Padwa

Secretary-Treasurer-Elect:

(Vote for **one** [1])

☐ Joseph J. Gajewski

Executive Committee:

(Vote for no more than **two** [2])

☐ Paul S. Anderson

☐ Pat N. Confalone

☐ Marye Anne Fox

☐ Milan R. Uskoković

Councilor:

(Vote for **one** [1])

☐ Michael P. Cava

Alternate Councilor:

(Vote for **one** [1])

☐ Stuart W. Staley