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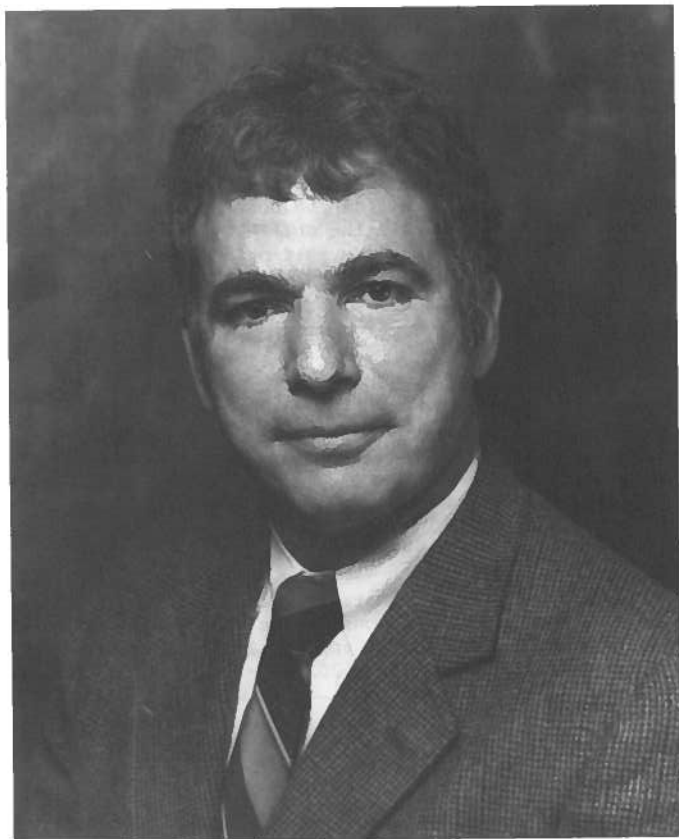
CHESAPEAKE CHEMIST

MARYLAND SECTION
AMERICAN CHEMICAL SOCIETY

VOL. XLV

OCTOBER, 1989

NUMBER 7



SAVATORE J. ENNA

NATIONAL CHEMISTRY WEEK

In 1987, the American Chemical Society conducted the first ever National Chemistry Day. In a post-event evaluation, the local sections of the Society overwhelmingly declared National Chemistry Day a huge success and strongly recommended that ACS sponsor a similar, but somewhat expanded, activity in the future. During the Toronto national meeting, the ACS Board of Directors voted to establish National Chemistry Week and fixed its dates as October 29 through November 4, 1989.

The most ambitious activity proposed for 1989 is the production and distribution of a National Chemistry Week newspaper. The plan is to print 7-10 million copies of a 12-to-16 page newspaper and have it inserted into the Sunday editions of newspapers in areas of the country with a substantial concentration of chemical industry. Each NCW newspaper will contain brief articles relating the benefits of chemistry to the general public. These articles will be written by representatives of the various ACS divisions and committees and will focus on how a particular aspect of chemistry affects our modern lives. To attract the attention of parents and children, the cover page will be in color and will focus on *WonderScience*-type activities. To ensure that these papers are actually read, the ACS local sections will alert the elementary and high school teachers in their service areas and ask the teachers to incorporate the paper into their lesson plans for the week of October 30.

Another activity that will help the local sections in spreading the word is the distribution of announcement cards. Each card will carry one of ten messages about the benefits of chemistry to the public. Each local section will receive, at no charge, 5 cards for each section member. The section leaders will then ask the individual members to distribute the cards to acquaintances and colleagues. This can be done by hand writing and mailing the cards or the section could take the entire supply to a local printer and have information about the section's events printed on the cards. The cards could then be distributed in schools, churches, banks, doctors' offices, and anywhere people gather.

ACS CONGRESSIONAL FELLOWSHIP 1990-91

A candidate is selected to work with Congress in Washington, D.C., for one year starting September 1990. The stipend is \$31,000. The deadline for receipt of application materials is December 1, 1989. Contact: Ms. Stephanie R. Allen, 202/872-4467.

ACS SCIENCE POLICY FELLOWSHIP 1990-91

One candidate is selected to work, starting in the Fall of 1990, with the ACS Department of Government Relations and Science Policy on science policy issues. The stipend is \$31,000, and applications are due on January 5, 1990. Contact: Mr. Eugene Voegtlin, 202/452-2127.

RENOVATIONS AT BELMONT

Another residence, Dobbin House, with five private sleeping rooms and baths, has been readied for guest use at the ACS Belmont Conference Center. The center can now accommodate up to 30 residential guests in 21 bedrooms. More information can be obtained from Belmont, 6555 Belmont Woods Road, Elkridge, MD 21227.



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ANDY KUBIAK OF BAXTER PRESENTS AWARD TO LARRY FERGUSON
AS JOE TOPPING AND MIKE ZAPF LOOK ON

1989 TEACHER AWARD

The 1989 High School Teacher Award was presented to Mr. Larry Ferguson, science department chairperson at Milford Mill High School in Baltimore County. The award, a plaque plus \$50 cash, was presented at the April meeting of the Section. Mr. Andy Kubiak of Baxter was also in attendance to present a collection of scientific glassware to the awardee and Hewlett-Packard awarded a scientific calculator.

The awardee is automatically nominated for next year's Middle Atlantic Region Award in High School Chemistry Teaching, won this year by the Maryland Section's nominee, Ms. Barbara Jewett of Oakland Mills High School. Ms. Jewett is now a candidate for next year's national James Bryant Conant award.

CHEM MATTERS HONORED

"Graphics matter," was the comment from Editor David Robson when it was announced that CHEM MATTERS received an award for Distinguished Achievement in the category "Graphics of Whole Publication" from the Educational Press Association (EdPRESS). The award, for the April 1988 issue, is the latest in a four-year string of design honors won by the ACS high school students' magazine.

In addition to the award for the entire magazine, other EdPRESS honors presented to CHEM MATTERS at the spring awards banquet were for the graphics of the April 1988 article "Fossil Molecules." Noted science writer Joseph Alper received a Distinguished Achievement Award for "Killing for Oil" which appeared in the October 1989 issue of the magazine.

CHEM MATTERS is the only chemistry magazine written particularly for high school students. It has annually received awards for writing and design from organizations dedicated to education and technical writing. Last year it was named "Best Periodical" in international competition by the Society for Technical Communications.

OCTOBER MEETING

DATE AND PLACE:

Wednesday, October 18, 1989
Nova Pharmaceutical Corp.

SCHEDULE:

6:00 pm Social Hour
7:00 pm Dinner
8:00 pm Lecture

SPEAKER AND TOPIC:

Salvatore J. Enna
Nova Pharmaceutical Corp.
"Neurotransmitter Receptors in
Drug Discovery"

Dinner Reservations should be made by mailing checks, payable to Maryland Section of ACS, to

Ms. Julia Pearson
Nova Pharmaceutical Corp.
6200 Freeport Center
Baltimore, MD 21224

by October 11. Late reservations may be made by calling (301) 563-6183 by October 13. An answering machine is available at this number.

Dinner price is \$13.00 per person, but spouses, retired chemists and students may attend for \$11.00.

It is not necessary to be a member of the American Chemical Society to attend. You may attend the lecture without attending the dinner.

Directions: Nova Pharmaceutical Corporation is located at the intersection of Broening Highway and Holabird Avenue, directly across from the General Motors plant. Access to the building is from inside the Holabird Industrial Park, the entrance to which is on Holabird Avenue between Broening Highway and Dundalk Avenue.

SALVATORE J. ENNA

Dr. Salvatore J. Enna, Senior Vice President and Scientific Director, joined Nova in 1986. Prior to that he was on the faculty at the University of Texas Medical School in Houston from 1976, where he was Professor of Pharmacology and Neurobiology. Dr. Enna has received numerous honors and awards, including the John J. Abel Award in Pharmacology and Research Career Development Awards from the National Institute of Neurological, Communicative Disorders and Stroke, and the National Institute of Mental Health. He is a member of national committees and professional societies in the fields of pharmacology and neuroscience and serves on the editorial boards of several scientific journals including *Brain Research*, *Journal of Pharmacology and Experimental Therapeutics*, *Neuropharmacology*, and *Life Sciences*. Dr. Enna has authored and co-authored scores of scientific articles and reviews, has edited numerous books including a monograph series on neuropharmacology. Dr. Enna received his B.A. from Rockhurst College in Kansas City, Mo., and his M.S. and Ph.D. degrees in pharmacology from the University of Missouri in Kansas City. Postdoctoral training in pharmacology was taken at the University of Texas Medical School in Dallas, F. Hoffmann-LaRoche & Co., Basel, Switzerland and Johns Hopkins University School of Medicine in Baltimore. Prior to joining Nova Dr. Enna served as a consultant in neuropharmacology for several major pharmaceutical firms, including Merck Sharp & Dohme and Bristol-Meyers. He currently holds appointments as a Professorial Lecturer in the Department of Neuroscience at Johns Hopkins University School of Medicine and as Adjunct Professor of Pharmacology at Tulane University School of Medicine.

BALTIMORE SCIENCE FAIR

This year again the Maryland Section provided judges and presented prizes at the Baltimore Science Fair. This 34th edition of the Fair was held at Towson State University.

One award, consisting of a plaque, a \$50 savings bond and an invitation to attend, with a guest, the April dinner of the Section, is presented in each Division I and II. The Section also presents five certificates of merit in each division.

The major award winners this year were Clifford Smith of the C. Milton Wright School in Division I and Dinakar Shenbagamurthi of Patapsco Middle School in Division II.

THE GUSTAVUS JOHN ESSELEN AWARD FOR CHEMISTRY IN THE PUBLIC INTEREST

The Gustavus John Esselen Award for Chemistry in the Public Interest was established by the Northeastern Section of the American Chemical Society in 1985. The award is a memorial to Dr. Esselen, a former outstanding member of the Section and the Society, and was made possible by a major gift from the Esselen Family.

The goal of this award is to perpetuate Dr. Esselen's belief that chemistry is an honorable profession which contributes to the public good. The award will annually recognize a chemist whose scientific and technical work has contributed to the public well-being, and has thereby communicated positive values of the chemical profession. The significance of this work should have become apparent within the five years preceding nomination and the Awardee shall be a living resident of the United States or Canada at the time of nomination.

The award consists of a bronze medal and \$5,000. Travel expenses incidental to the conferring of this award will be reimbursed. The award will usually be given at the April meeting of the Northeastern Section at a location in or near Cambridge, Massachusetts. At the award ceremony biographical notes on the life of Dr. Esselen and a description of the Awardee's life and accomplishments will be presented. The Awardee will deliver an address on the subject of the work for which the honor is being conferred, or for work in progress which is also directed to improving the public well-being.

The Esselen Award Committee requests nominations of candidates for this award. The person who nominates a candidate is requested to provide seven copies of 1) a biography of the candidate, 2) a description of the work which has been recognized within the last five years as contributing to the public good (please include pertinent technical papers and news articles), and the names of three co-sponsors. This information should be sent to Dr. William O. Foye, Chairman, Esselen Award Committee, c/o Northeastern Section, American Chemical Society, 19 Mill Road, Harvard, MA 01451, Telephone: (508) 456-8227, and should be postmarked no later than December 1, 1989. The Committee will review the nominations and the award recipient will be notified by the first of February. The Committee reserves the right to declare that no candidate meets its standards, and that no award will be given.

IMAGING SCIENCE SYMPOSIUM

The ACS Rochester Section and the Rochester Institute of Technology are sponsoring a symposium titled "Chemical and Materials Science Aspects of Imaging Science" on October 26. To receive further information, call (716) 475-2497.

RESEARCH FUNDING SOURCES ON-LINE AT ACS

Are you looking for federal funding to explore a research idea? Do you need to know who funds research in your area of interest? The American Chemical Society (ACS) can help. The Department of Government Relations and Science Policy maintains an electronic bulletin board guide to grants and contracts in the chemical sciences and engineering, for access by ACS members.

The bulletin board is called ChemREFS, which stands for Chemical Research and Education Funding Sources. All you need to access ChemREFS is a computer, modem, and telephone--and best of all, access is free. You only pay for long distance charges you may incur.

Once online, you'll find over 350 files describing chemical research and education programs at a variety of federal agencies, each with its own directory. Among those represented are: Department of Agriculture, Environmental Protection Agency, National Institutes of Health, and National Science Foundation.

Area-specific and targeted programs, such as fellowship programs, instrumentation funding, young investor programs, and women and minority programs, are described in their own directories.

Two special features of ChemREFS are News and New Programs. The News category carries coverage of science policy issues, the federal budget, and changes in grant and contract procedures or guidelines. The New Programs area highlights the newest federal programs and selected RFP's with short submission deadlines.

All files can be downloaded to the user's system. Users can contact the ACS System Operator by electronic mail or by telephone. ACS members interested in obtaining a user manual should contact the Office of Science Policy Analysis, Department of Government Relations and Science Policy, 1155 Sixteenth Street, N.W., Washington, D.C. 20036; (202) 452-2127,

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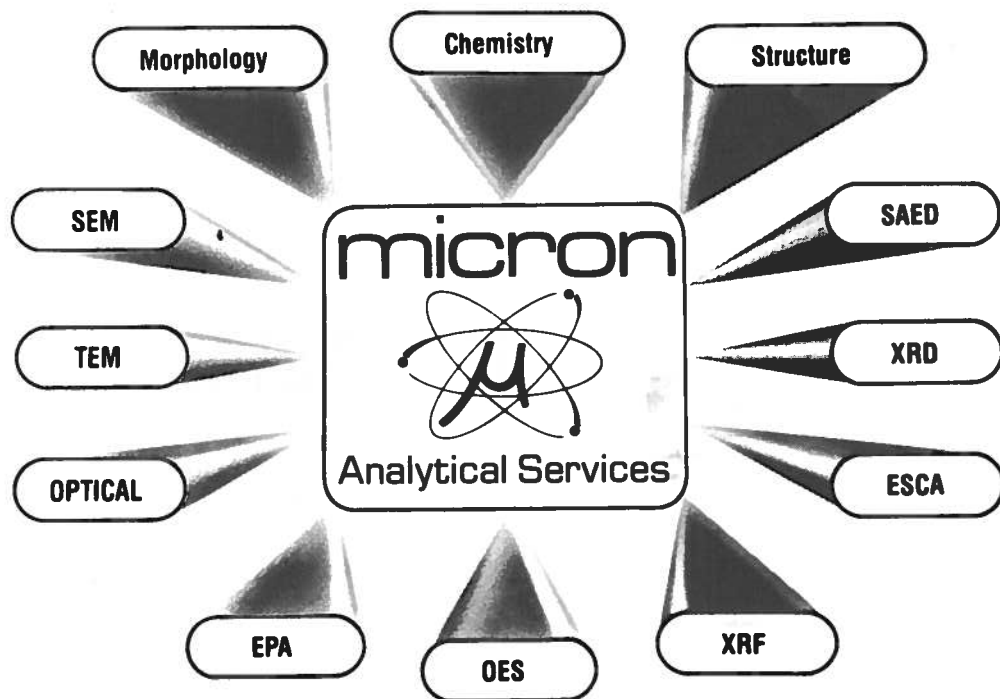
The Center for Indoor Air Research, a new non-profit corporation which sponsors objective scientific research on the full gamut of indoor air research topics, has available its 1989/1990 Request for Applications booklet. For the provision of sufficient time for the Science Advisory Board and peer review process to occur, applications for July 1, 1990 funding must be received by December 31, 1989. For more information on the Center for Indoor Air Research and/or a copy of the Request for Applications booklet, call or write:

Center for Indoor Air Research
1099 Winterson Road, Suite 280
Linthicum, Maryland 21090
(301) 684-3777

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