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AWARDS

August 7, 2000

Volume 78, Number 32
 CENEAR 78 32 pp.68-69
 ISSN 0009-2347

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Agrochemicals Division Presents International Awards For 2000

The American Chemical Society Agrochemicals Division has announced the winners of its 2000 International Awards for Research in Agrochemicals. The awards are presented at ACS national meetings.

The first award for 2000 was presented to **George P. Georghiou** in March at the ACS national meeting in San Francisco. Georghiou, professor emeritus of entomology at the University of California, Riverside, is widely regarded as a leading authority on pesticide resistance.



Georghiou

Georghiou received B.S. and M.S. degrees in entomology from Cornell University and a Ph.D. degree in insecticide toxicology from the University of California, Berkeley. He joined the faculty at UC Riverside in 1960.

At the upcoming ACS national meeting in Washington, D.C., **Herbert B. Scher**, an expert in controlled-release pesticide formulations, will receive the second 2000 International Award.



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**Scher**

Scher's primary contributions to agrochemistry have been made in microencapsulation, but he also has contributed significantly in the areas of controlled-release pesticide granules, surfactant barriers for pesticides, and chemical controlled-release systems.

In the area of microencapsulation, Scher led an international group of scientists that developed novel processes and products based on interfacial polymerization using both isocyanate and aminoplast chemistry. This research involved studies in the areas of protective colloid action, surfactant optimization, diffusion of organics through polymer membranes, and rheology and physical stability of dispersions.

Scher received a bachelor's degree in chemical engineering from Cornell University in 1960 and M.S. and Ph.D. degrees in physical chemistry from the University of Minnesota, Minneapolis, in 1962 and 1964. He recently retired from Zeneca and is working as a consultant.▶

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WCC Announces Travel Award Recipients, Seeks New Applicants


The ACS Women Chemists Committee has selected 10 recipients for travel awards to present research at national scientific meetings held between July 1 and Dec. 31. The recipients of these awards are **Rachell Booth**, University of Southern Mississippi; **Holly Deak**, Boston College; **April Getty**, University of Washington; **Leia M. Jackson**, Drexel University, Philadelphia; **Jin Kim Montclare**, Yale University; **Melissa Oberbeck**, University of Wisconsin, Stevens Point; **Karen M. Padden**, University of Kansas; **Angela Sutterer**, Washington University, St. Louis; **Toni Trumbo**, University of Louisville; and **Andrea Van Gilder**, Rutgers University. The awards are sponsored by Eli Lilly & Co.

The committee seeks to continue providing funding for meetings

in 2001. Awards will be made to women who are presenting research for the first time at an ACS national meeting or other major meeting. Grants may be applied to registration, travel, and accommodations, and are restricted to travel to meetings within the U.S. Grant funds are limited, but some funds are set aside for undergraduates. Only U.S. citizens and permanent residents are eligible. 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 2001 meetings are Sept. 15 to fund travel to meetings taking place between Jan. 1 and June 30, 2001; and Feb. 15, 2001, for applications to fund travel to meetings taking place between July 1 and Dec. 31, 2001.

To apply for an award, submit a résumé that includes a permanent address; a completed official application form obtained from the chemistry department chairman or downloaded from the Web (<http://membership.acs.org/w/wcc/travelawards00.html>); and an abstract of the work submitted for presentation, using an official meeting abstract form. Also submit a letter detailing the reasons the award is desired (both scientific and financial) and specifying other presentations made at major meetings along with a letter from the research adviser confirming participation in the meeting, commenting on the applicant's technical ability and potential, and listing any other travel support that would be available from the department or research grants.

Awards will be made based on scientific merit and financial need, with the Women Chemists Committee Membership/Awards Subcommittee serving as the selection jury. For more information call (800) 227-5558 ext. 6123 

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Maryland's Remsen Award Goes To Alexander Pines

The 2000 Remsen Award of the ACS Maryland Local Section was presented to Alexander Pines, Glenn T. Seaborg Professor of Chemistry at the University of California, Berkeley, at a recent local section meeting. The award has been presented annually since 1946 to recognize the achievement of an outstanding chemist and to honor Ira Remsen, the first chairman of the Johns Hopkins University chemistry department and second president of that institution. Pines was cited for his research on theory and applications of nuclear magnetic resonance.



Pines grew up in Rhodesia before going to Israel for undergraduate studies in mathematics and chemistry. He came to the U.S. in 1968 to pursue a Ph.D. degree in chemical physics at Massachusetts Institute of Technology. After receiving his degree, he joined the faculty at UC Berkeley in 1972. He also holds a faculty senior scientist position at Lawrence Berkeley National Laboratory. In his award address, "Some Magnetic Moments of 'Lighting Up' NMR and MRI," Pines described some of his research on high-resolution NMR of dilute spins, multiple quantum spectroscopy, and zero field NMR. ▶

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Josef Michl Presents Kosolapoff Lecture

The ACS Auburn (Alabama) Section presented its 15th annual G. M. Kosolapoff Award to Josef Michl, professor of chemistry at the University of Colorado. The award honors outstanding and distinguished scientists of international reputation. Michl has become widely known for his development of a molecular-sized Tinkertoy-like construction set for the assembly of large molecules and new solids. He has also made significant contributions in the areas of photochemistry, chemistry of silicon and boron, preparation and study of reactive organic and main-group organometallic molecules, and the use of quantum chemical and experimental methods for a better understanding of electronic excited states.

Michl received an M.S. degree in chemistry in 1961 from Charles University, Prague, and a Ph.D. degree in 1965 at the Czechoslovak Academy of Sciences, also in Prague. He has been a Sloan Fellow and a Guggenheim Fellow and has received the ACS Cope Scholar Award, the ACS Utah Section Award, and the J. Heyrovsky and Charles University Gold Medals. He has been editor of *Chemical Reviews* since 1984. ▶

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Sixth Annual Gilbert Awards Announced

Four graduate students received Richard D. Gilbert Awards for contributions to polymer research at a competitive student symposium held in Raleigh, N.C., on May 11. The sixth such annual event, the symposium was held by the Polymer Discussion Group of the ACS North Carolina Section. This year, the first prize of \$800 went to **Joseph Royer** for his talk, "Development of High-Pressure Rheological Devices and Measurement of Rheological Properties of Carbon Dioxide Swollen Melts." Royer is a student in the department of chemical engineering at North Carolina State University.

Jin Lu received the second-place award for her talk, "Formation, Characterization, and Molecular Motions of Poly(ϵ -caprolactone) Chains Isolated inside the Narrow Channels of Its Inclusion Compounds Formed with Cyclodextrins." She received a \$500 prize.

Alexander Deshkovski of the chemistry department at the University of North Carolina, Chapel Hill, won the \$200 third prize for "Rheo-NMR--New Technique for Polymer Dynamics."

David Jenkins, of the fiber and polymer science program at North Carolina State University, won the \$50 poster session award. His poster was titled "Copper-Based Atom Transfer Radical Polymerization of Methyl Acrylate in the Presence of Highly Deacetylated Chitosan." ▶

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Special Recognition To . . .

Kenner Rice, chief of the Laboratory of Medicinal Chemistry at the National Institute of Diabetes & Digestive & Kidney Diseases, received the Chemical Pioneer Award on June 2. Given annually by the American Institute of Chemists, the prize honors chemists or chemical engineers who have made a major impact in science and industry or on the chemical profession.

Considered among the best medicinal chemists in the world, Rice has spent most of his 28 years at the National Institutes of Health synthesizing hundreds of compounds that act on the central nervous system. These include chemical probes that aid in receptor mapping in the brain, the study of biochemical functions

of the nervous system, and medicines with the potential to treat addiction. Rice is an inventor on 30 issued patents and author of approximately 450 papers.

Gordon F. Brunner, chief technology officer and a member of Procter & Gamble's board of directors, received the Industrial Research Institute's (IRI) Medal for 2000 at the institute's recent meeting in Palm Desert, Calif. According to IRI, Brunner was chosen to receive the award "for his contributions to consumer products that improve the quality of life for the world's consumers; for his leadership in creating an effective global R&D organization built on technical mastery, passion for new technology connections, and diversity; and for his visionary leadership in creating a portfolio of discontinuous, innovative business ventures that provide dramatically new product benefits and new-to-the-world products."

The YWCA Tribute to Women in Industry (TWIN) Program of Central New Jersey presented the TWIN Award to **Ann C. Savoca**, divisional vice president of corporate research and science support at National Starch & Chemical, Bridgewater, N.J. This award recognizes her professional accomplishments and contributions to the company. Savoca is responsible for strategic research and development as well as analytical and library support. Savoca received a B.S. degree in chemistry from Trinity College, Hartford, Conn., and a Ph.D. degree in organic chemistry from Massachusetts Institute of Technology.



Savoca

Karl Gschneidner Jr., a senior metallurgist at Ames Laboratory and Anson Marston Distinguished Professor of Materials Science & Engineering at Iowa State University, has been named Science Alumnus of the Year 2000 by the University of Detroit Mercy's College of Engineering & Science. Gschneidner is an expert in rare-earth metals and alloys, the theory of alloy phase formation, and magnetic refrigeration. He has published nearly 300 journal articles and 115 book chapters, and has written or edited 33 books.

Allan S. Hoffman has received the Founders Award of the Society for Biomaterials. This, the society's highest award, was presented to Hoffman in recognition of his long-term

commitment and landmark contributions to the field of biomaterials. Hoffman has been a faculty member in the department of bioengineering at the University of Washington for the past 30 years. Before coming to Washington, he taught for 10 years at Massachusetts Institute of Technology in the chemical engineering department. ▶



Hoffman

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