SCOTT, WAGNER TO BE HONORED AT ANNUAL MEETING

This year's Research Achievement Award winner, Dr. A.I. Scott, is Davidson Professor of Science and Distinguished Professor of Chemistry and Biochemistry at Texas A & M University, where he also serves as Director of the Center for Biological NMR. Prior to his 1981 move to Texas A & M, Dr. Scott had earlier held appointments at Glasgow University, the University of British Columbia, the University of Sussex, Yale University and the University of Edinburgh.

For the past 30 years, Dr. Scott has been at the forefront of natural products bioorganic chemistry. His work has been characterized by the recognition of important problems and the use and development of techniques to solve them. His 1960's book on ultraviolet spectroscopy remains a classic and in recent years he has made striking innovations in applying NMR to the study of biosynthetic reactions.

Biosynthesis has been Dr. Scott's primary area of research for the last 25 years, with the biosynthesis of vitamin B12 providing an especially satisfying story. His B12 work has been particularly impressive in the past two or three years, in which enzyme combinations have been employed and enzyme production has been cloned by genetic engineering.

Dr. Scott has in the past been a Corday-

Continued on Page 2, Column 1

34TH ANNUAL MEETING TO BE HELD IN SAN DIEGO

The 34th Annual Meeting of the American Society of Pharmacognosy will be held July 18-22, 1993 in San Diego, California.

The topics for this year's symposia include: Biodiversity, Targeted Drug Discovery, NCI Intramural Drug Discovery, and National Cooperative Drug Discovery. See page two for a listing of the symposia participants and their presentation titles.

The meeting will be based at the Princess Resort on an island in Mission Bay, which will provide a stimulating educational and recreational experience for participants and their guests. In addition to the overwhelming variety of outdoor activities available due to miles of public beaches, bays, golf courses, parks and a climate that is balmy year round, San Diego is home to the internationally acclaimed San Diego Zoo, the Wild Animal Park, Sea World, and the San Diego Padres. A variety of cultural opportunities are available, including the Old Globe Theater and the San Diego Opera, as well as a large concentration of museums and galleries. The newly revitalized downtown offers a shopper's paradise, and it's also just a short ride to Tijuana to sample Mexican culture. If you wish to visit Mexico, and are not a U.S. citizen, you will need to bring your passport to cross the border.

Continued on Page 2, Column 2

AERIAL OF MISSION BAY
James Blank/San Diego Convention & Visitors Bureau
continued from Page 1 Col. 2

The average temperature in July is 78°F during the day and 65°F in the evening. In addition to the many social activities offered by the San Diego locale, the local organizing committee has also planned two sponsored events for meeting participants and guests. The first is the Sunday evening mixer, which will be held from 6:30 p.m. - 9:00 p.m. at the Stephen Birch Aquarium. The Aquarium offers a spectacular view of the Pacific Ocean. Hors d'oeuvres and drinks will be served. The second event is the banquet, which will be held on Thursday, July 22, 1993 at 7:00 p.m. in the Sunset Ballroom at the Princess Resort.

A children's program is also provided with a "kid's camp" from 1:00 p.m. to 4:00 p.m. every afternoon and movies in the evening. Special arrangements will be made for children during the banquet as well.

SYMPOSIUM SPEAKERS

Georg Albers-Schönberg, Merck, Sharp and Dohme
Using and Protecting Biodiversity

John H. Cardellina, II, National Cancer Institute
Intramural Natural Products Drug Discovery Program at NCI

Brad K. Carts, SmithKline Beecham Pharmaceuticals
Mechanism-Based Screening of Marine Natural Products

Jon C. Clardy, Cornell University
New Anti-Cancer Drugs from Cultured and Collected Marine Organisms

Paul A. Cox, Brigham Young University
Ethnobotany and the Discovery of New Anti-HIV Compounds

Edgardo Gomez, University of the Philippines
Biodiversity in the Marine Tropics: Potentials and Concerns

Sidney M. Hecht, University of Virginia
Mechanism-Based Discovery of Novel Anti-Tumor Agents

Susan B. Horwitz, Albert Einstein College of Medicine
Taxol: Mechanisms of Action and Resistance

A. Douglas Kinghorn, University of Illinois at Chicago
Novel Strategies for Plant-Derived Anti-Cancer Drugs

Thomas E. Lovejoy, Smithsonian Institute
Conservation of Biodiversity: Essential or Excessive?

George R. Pettit, Arizona State University
Recent Advances in the Discovery of Naturally Occurring Anti-Cancer Substances

Matthew Suffness, National Cancer Institute
Introduction to National Cooperative Drug Discovery Group (NCDDG) and International Cooperative Biodiversity Group (ICBG) Programs

Michael S. Tempesta, Shaman Pharmaceuticals
Anti-Viral Drug Discovery and Development from Medicinal Plants-A Case Study of SP-303

Frederick A. Valeriote, Wayne State University
Discovery of New Anti-Cancer Agents from Natural Products

Paul A. Wender, Stanford University
Chemical and Biological Studies on Cancer Chemotherapeutic Leads: Taxol, Phorbol, and DNA Cleaving Agents
Two ASP members have recently been recognized for their research by other organizations. John P.N. Rosazza has been honored for his outstanding achievements in contemporary teaching and research in biotechnology and its related science. These achievements have resulted in John's receipt of the Paul Dawson Biotechnology Award from the American Association of Colleges of Pharmacy (AACP). The award is sponsored by Amgen, in honor of its former Vice President of Marketing and Sales, and consists of a cash prize and an art glass double helix sculpture.

Dr. Rosazza, Professor and Head, Medicinal and Natural Products Chemistry at the University of Iowa's College of Pharmacy is recognized as one of the world's outstanding biotechnology scientists/educators. He has published extensively in the field and has educated numerous graduate students who have now taken their place as leaders in the science of biotechnology.

Dr. Rosazza is currently engaged in several research projects which include efforts with antibiotics of the aureolic acid family, Vinca alkaloids, selected pesticides, terpenes, and by-products of biotechnology research. His career research has attracted in excess of $17 million. Congratulations Jack!!

The American Pharmaceutical Association (APhA) has recognized Jerry L. McLaughlin, Ph.D. for his significant efforts to encourage his graduate students to pursue careers in the research of natural products. Jerry has received APhA's 1993 Stimulation of Research Award.

Dr. McLaughlin, Professor of Pharmacognosy at Purdue University School of Pharmacy and Pharmacal Sciences, has always had an intense and aggressive interest in research. He has been awarded more than 60 research grants and has published nearly 200 papers.

One of Dr. McLaughlin's major personal research contributions has been the development of simple bioassays that can be used in the isolation of bioactive plant constituents. The brine shrimp and potato disc methods are the best known and most valuable of his bench-top bioassays. These methods are inexpensive and reliably approaches to detecting bioactivity during plant extract fractionation. Many of Jerry's students have actively participated in these bioassays. Congratulations Jerry!!

C.E. Credits

Attendance and participation in the symposia and podium sessions will qualify for continuing education credits through the American Council on Pharmaceutical Education. Meeting registrants who are interested are invited to register for this program at the C.E. Registration desk on July 18. A nominal $25.00 processing fee will be required. This CE is sponsored by the College of Pharmacy, Ferris State University, an accredited ACPE provider. (Program No. 679-028-93-003).
NEW MEMBERS
THE AMERICAN SOCIETY OF PHARMACOGNOSY WELCOMES THE FOLLOWING NEW ACTIVE MEMBERS AND ASSOCIATES.

ACTIVE MEMBERS

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Cairo, Egypt

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Program Resources Inc./Dynacorp
Frederick, MD

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Dept. Scienze e Tecnologia del Farmaco
Torino, Italy

Michael J. Balick
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Pearl River, NY

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Virginia Polytechnic and State Institution

JoAnne Zabinski
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Michael L. Zimmerman
Virginia Commonwealth University

BOOKS AVAILABLE

A collection of books on marine natural products is available for purchase. This is an extensive collection which contains many popular volumes. This is part of the estate of a senior scientist. For further information contact: Gene Mazzola, 9903 Lindel Lane, Vienna, VA 22181. Home: (703) 938-1964 or Work: (202) 205-4409

EMPLOYMENT SERVICE AVAILABLE

The American Society of Pharmacognosy is offering a placement service to aid our members find employment positions or prospective employees. This service is available only to ASP members and is free to both the applicant and the prospective employer. Once an application is submitted, it will remain on file for one (1) year, at which time it will be destroyed. The applicant should also realize that the application will be submitted to the prospective employer exactly as submitted. (The submitted form will be xeroxed, then sent to the prospective employer.)

Further information can be obtained by contacting: Robert J. Krueger, Ph.D., College of Pharmacy, Ferris State University, 901 S. State St., Big Rapids, MI 49307 USA. Phone: (616)592-2236.
NEW EDITORS NAMED FOR JNP

A. Douglas Kinghorn, Ph.D. has accepted the position of Editor for the Journal of Natural Products to begin with the volume 57 of the Journal. The Journal’s current Editor, James Robbers, and Associate Editor, Jerry McLaughlin, both from Purdue University will be retiring from their respective positions after ten years of service to our Society.

Dr. Kinghorn, Professor of Pharmacognosy and Associate Director, Program for Collaborative Research in the Pharmaceutical Sciences, College of Pharmacy, University of Illinois at Chicago, was educated in the United Kingdom. He received his Bachelors in Pharmacy from the University of Bradford in 1969, his Masters Degree from the University of Strathclyde in 1970, and his Doctor of Philosophy and Doctorate of Science from the University of London in 1975 and 1990 respectively. Before receiving his Ph.D., Doug worked as an Analytical Chemist at Burroughs Wellcome Co. Ltd., Dartford, Kent, and as a Teaching Fellow at the School of Pharmacy, University of London.

After a year of postdoctoral study at the University of Mississippi, he was appointed as a Research Associate at his present institution in 1976, and rose through the academic ranks until promotion to Professor in 1996. He is a Fellow of both the Royal Pharmaceutical Society of Great Britain and the Linneean Society of London.

Doug has served as President of the American Society of Pharmacognosy (1990-1991) and of the Society for Economic Botany (1991-1992). Currently, Doug is Vice-Chairman of the Subdivision of Agricultural and Natural Products Chemistry, Agricultural and Food Chemistry Division of the American Chemical Society. In addition, he has had previous journal experience as North American Editor of Phytochemical Analysis (volumes one through four), and is on the editorial boards of Phytotherapy Research and the Journal of Natural Toxins, and is co-editor of the forthcoming symposium series volume, Human Medicinal Agents from Plants, to be published this summer by American Chemical Society Books. He has been a frequent reviewer for the Journal of Natural Products, and has contributed about 50 research articles and book reviews to the Journal.

At present, Doug is serving as Principal Investigator of an NCI-funded National Collaborative Drug Discovery grant (with colleagues at the University of Illinois at Chicago, Research Triangle Institute, and Glaxo Group Research, Ltd., U.K. making up the consortial group), and has other current NIH funding on natural sweetening agents and plant-derived cancer chemopreventive agents. Doug has nearly 200 scientific publications to his credit.

Joining him in a new editorial partnership will be H.S. Fong, Ph.D., also of the College of Pharmacy, University of Illinois at Chicago. Dr. Fong will become the new Associate Editor of the Journal of Natural Products. Harry joined the academic staff at Illinois in 1970, having been Professor of Pharmacognosy since 1972, and is now Director of the University of Illinois Pharmacognosy Field Station (1981-present), and Assistant Head, Department of Medicinal Chemistry and Pharmacognosy (1991-present). During 1965-1970 he was a member of the academic staff of the University of Illinois at Chicago, where he reached the rank of Associate Professor of Pharmacognosy. Harry received his Bachelor of Science (1959) and Master of Science (1961) degrees from the School of Pharmacy at the University of Pittsburgh, before becoming one of Professor Jack Beal’s graduate students at Ohio State University, where he received the Ph.D. Degree in 1965.

Harry is a charter member of the American Society of Pharmacognosy, and was President of the Society from 1978 to 1979. Over the years, he has taken on numerous committee assignments on behalf of the Society, including his most recent as Chairman of the Local Organizing Committee for the 32nd Annual Meeting held in Chicago in July 1991. Harry has also been President (1981-1982), Member of Council (1982-1983) and Treasurer (1975-1977) of the Society for Economic Botany. He has served as a Co-Editor of Pharmacognosy Tities (1970-1974), and Editor of the International Traditional Medicine Newsletter (1989-1991).

Harry has been a frequent Consultant for the World Health Organization, and acted as Principal Investigator of a large WHO-funded project on the isolation of antifeetility agents from plants during the period 1977-1988. He is also active in the area of plant-derived cancer chemopreventive agents. Harry has published over 100 research articles and co-edited eight volumes on natural products.

During the summer of 1993, Doug Kinghorn and Harry Fong will officially take over as Editor and Associate Editor of the Journal of Natural Products from Jim Robbers and Jerry McLaughlin, respectively, of Purdue University. New manuscripts should be directed to Doug’s attention, however, Jim Robbers will be responsible for completing all the current year’s issues of volume 56 of the Journal.

The new appointees wish to enhance and solidify the scientific status of the Journal of Natural Products, but are very conscious of the excellent job that has been done under Jim’s stewardship during the past ten years, especially all of the planning and effort that went into starting the monthly publication of the Journal in 1992. All of us who read, publish in, and take pride in the Journal of Natural Products owe Jim, Jerry, and the other two Associate Editors, David Kingston and Richard Powell, a great deal of thanks for their many efforts on our behalf. David and Richard will be continuing in their positions after the change of editorship of the Journal.
MEMBERSHIP

Membership in the American Society of Pharmacognosy is recognized in several categories:

**Full Membership**

Full membership is open to any scientist interested in the study of natural products. Dues are $75.00 per year. If overseas airmail is requested, the dues are $150.00. These members receive the *Journal of Natural Products* and the *ASP Newsletter*.

**Associate Membership**

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are $50.00 per year. These members receive the *ASP Newsletter*.

**Emeritus Membership**

Emeritus membership is open to retired members of the Society who maintained membership in the Society for at least five years. Dues are $5.00 per year. These members receive the *ASP Newsletter*.

**Honorary Membership**

Honorary members are selected by the Executive Committee of the American Society of Pharmacognosy on the basis of meritorious service to pharmacognosy.

Present Honorary Members are:
- Dr. Jack L. Beal, Columbus, Ohio
- Dr. Arnold Brossi, National Institute of Health, MD
- Dr. David P. Carew, University of Iowa
- Dr. Norman R. Farnsworth, University of Illinois
- Dr. R. Hegnauer, Leiden, Netherlands
- Dr. Albert Hofmann, Switzerland
- Dr. Richard E. Schultes, Harvard Botanical Museum
- Dr. Arthur E. Schwarting, Florida
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- Dr. Varro E. Tyler, Purdue University
- Dr. Monroe E. Wall, Research Triangle Institute, NC
- Dr. Heber W. Youngken, Jr., University of Rhode Island

Additional information about memberships may be obtained by writing to the Treasurer of the Society:
- David J. Slatkin, Ph.D., Treasurer
- The Am. Society of Pharmacognosy
- Chicago College of Pharmacy
- 555 31st Street
- Downers Grove, IL 60515

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**ASP Newsletter**

Joy B. Reighard, Ph.D., Editor

Barbara H. Grissani, Editorial Assistant

Deadlines for submission of information are as follows:
- Spring Issue - March 1st
- Summer Issue - June 1st
- Fall Issue - September 1st
- Winter Issue - December 1st

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