

ASP NEWSLETTER

Volume 23, Number 2

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Norman R. Farnsworth (?), Gordon H. Svoboda, and Varro E. ("Tip") Tyler

FARNSWORTH, SVOBODA, AND TYLER RECEIVE HONORARY MEMBERSHIP

Norman R. Farnsworth, Gordon H. Svoboda, and Varro E. ("Tip") Tyler received honorary membership in the American Society of Pharmacognosy at the Annual Banquet in Ann Arbor in July, 1986.

Norman R. Farnsworth was one of the original founders of the ASP serving as its first Vice President and second President. Norman received his B.S. and M.S. degrees from Massachusetts College of Pharmacy and his Ph.D. from the University of Pittsburgh. He has been involved in pharmacy education at both the graduate and undergraduate levels primarily at the University of Pittsburgh and the University of Illinois since 1953. Dr. Farnsworth is an excellent scientist, having published approximately 200 original research articles and 50 reviews. He has also contributed to 19 books on various aspects of natural products, and has advised over twenty M.S. and Ph.D. students. He has received numerous awards from many institutions. Norman has held offices in several national and international organizations as well as the invaluable services he has performed for the ASP.

Gordon H. Svoboda spent the majority of his professional career as a researcher at Eli Lilly and Company in Indianapolis (1950-1978). He holds patents for the discovery or preparation of several Catharanthus alkaloids and while this group of alkaloids was his major interest, he also was successful in discovering other important antitumor agents, some of which are used clinically in France. Gordon has published over 65 research articles and has presented numerous lectures both nationally and internationally. Dr. Svoboda has received many research awards and distinctions for his notable work. His service to the ASP has included Vice President - President from 1963-1964.

Varro E. ("Tip") Tyler is another one of the founding fathers of the ASP. He served as the first President of our Society from 1959-1961 and was instrumental in securing the journal (*Lloydia, the Journal of Natural Products*) for our Society and has continued to contribute to the Society over the years.

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Dr. Jack L. Beal in his glory

JACK L. BEAL HONORED

Jack L. Beal was honored at a retirement banquet at Ohio State University on June 9, 1986. The evening was an exciting one filled with surprises for Jack and Earlene, his wife. For an hour and a half following the banquet, Jack was showered with kind words, memories, and gifts from students, faculty, colleagues, alumni, and friends.

One special gift which was presented by the division of Medicinal Chemistry and Pharmacognosy was a bound volume of Jack's 120+ articles published over his 34-year career. Other surprises included an Endowed Fellowship in Jack's name in Pharmacognosy at the College of Pharmacy, and a long-awaited trip around the world from the alumni, faculty, and staff of the College.

Jack then gave his eloquent response to the generosity of his friends, alumni, colleagues, and students. "Although I will never fulfill my ultimate dream, the discovery of a new and useful drug of plant origin, my research has been exciting and satisfying.

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Honorary Members - continued from page 1, column 2...

He has made contributions to our profession in every way - as a pharmacy educator, as a researcher, and as an administrator. Tip's major research thrust has been in the area of medicinal and toxic constituents in higher fungi specifically *Claviceps* species. His work has been extremely important in the biosynthetic studies of the ergot alkaloids.

Dr. Tyler has also worked extensively in the hallucinogenic properties of several mushrooms. More recently, Tip has become a leading authority in the area of herbal medicine with his book The Honest Herbal. Dr. Tyler is also well-known for his textbook Pharmacognosy which is co-authored by Lynn R. Brady and James E. Robbers. After serving on the faculty of Purdue University for numerous years, Tip accepted the position of Dean of the Schools of Pharmacy, Nursing, and Health Sciences at that institution from 1966 to 1986. He is currently serving Purdue University in the capacity of Executive Vice President for Academic Affairs.

At this year's annual meeting in Kingston, the Society will bestow its 11th Honorary Membership on Monroe E. Wall of the Research Triangle Institute, Research Triangle Park, North Carolina.

Jack L. Beal continued from page 1, column 3

"The discovery of a new and useful drug of plant origin is now in the hands of my former students or one of their students," said Jack.

Jack did fulfill one of his college dreams of isolating a new alkaloid many times over. He isolated over 90 new compounds in his career, 80 of which were alkaloids.

He said, "This achievement far exceeded my daydreams. My research has been exciting and satisfying. I have experienced both walking on cloud nine and being dashed to the ground with disappointment. It has been like being on a roller coaster,"

In an Alumni Association message, President George M. McCann said of Jack, "On a personal note, I know Jack Beal to be an idealist, a dedicated worker, and totally honest in all human relationships. I am proud to count him as my friend, as I'm sure many of you are.

"It is totally safe to say such a man will not pass this way again. We will miss him more than we now care to contemplate.

"We know Jack and Earlene have many plans for their new life ahead. I urge them to remember, now more than ever, the journey is the important thing, not the destination.

"Thank you friend for all the memories."

THE EDITOR'S DESK

The ASP Newsletter is going to be undergoing some changes within the next year or so, some major and some minor. I am hoping that these changes will improve the appearance of the Newsletter and to make it easier to read. One of the changes will be a "departmentalization" so that it will be easier to find the information in which you are interested. I would appreciate any suggestions that you may have which can be utilized in the Newsletter, for example additional departments or other types of information which you would like to see included in the Newsletter. As always, I am requesting your input for future issues of the ASP Newsletter. Any information which you have which would be pertinent to the Society, such as grant information, promotions, new appointments, and so on, for inclusion in the Fall issue of the Newsletter. This information should reach me by August 15, 1987, and can be sent to:

Joy B. Reighard, Ph.D., Editor ASP Newsletter Temple University School of Pharmacy 3307 N. Broad Street Philadelphia, PA 19140, U.S.A. Phone:(215)221-7887

ASP AWARDS AND GRANTS RECIPIENTS ANNOUNCED

Recipients have been identified in the various categories of the Awards and Grants program:

*Research Starter Grants: Members of the Society who are within the first five years of assuming their first professional position are eligible for a grant of \$2000 to \$5000 to aid in their research. These grants will not provide overhead monies to the grantee institution. This year's awardees are:

*Steve Cheatham, University of Toledo, Toledo, Ohio, \$2500.00. Topic: "Isolation and Characterization of Flavanoids from mutant Zea mays Plants Containing Defect in Genes Controlling Flavanoid Biosynthesis."

*Roy K. Okuda, University of Rhode Island, Kingston, Rhode Island, \$2500.00. Topic: "The Role of Haloperoxidases in the Biosynthesis of Marine Natural Products."

Travel Grants for Active Members:

Members of the Society who are within the first five years of assuming their first professional position are eligible for a grant of \$300 to \$500 to enable them to present a paper at an annual meeting of the Society. This year's recipient is:

Manuel F. Balandrin, NPI, Salt Lake City, Utah, \$500.00

*Travel Grants for Graduate Students: Graduate students under super-

vision of a Society member are eligible for a grant of \$300 to \$500 to enable them to present a paper at an annual meeting of the Society. This year's awardees are:

Mrs. Hiranthi Jayasuriya, University of Mississippi School of Pharmacy

Mr. Alex R. Jurgens, University of Mississippi School of Pharmacy

*Undergraduate Research Awards:

Undergraduate students interested in investigating a career in natural products research are eligible for a research award to study under the direction of a Society Member on the faculty of an

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University of Rhode Island Campus at Kingston

28th ANNUAL ASP MEETING TO BE HELD AT KINGSTON, R.I. IN JULY

The 28th Annual Meeting of the American Society of Pharmacognosy will be held July 19-22, 1987 at the University of Rhode Island in Kingston, Rhode Island. The scientific and local committees have been working hard to ensure an exciting and stimulating meeting. This year's symposium speakers and tentative titles are as follows:

DRUGS FROM THE OCEANS

 Kenneth L. Rinehart, Jr.
 Department of Chemistry
 University of Illinois, Urbana
 "Biologically Active Marine Natural Products"

William H. Fenical
 Institute of Marine Resources
 Scripps Institution of Oceanography
 "Symbiotic Corals - Rational Resources for Novel Antiinflammatory Drugs"

Koji Nakanishi
 Department of Chemistry
 Columbia University
 "Structural Studies of Bioactivity"

MODERN APPROACHES TO FOLK MEDICINE

Lester Mitscher
 Department of Medicinal Chemistry
 University of Kansas
 "A Modern Look at Folkloric Use of Anti-infective Agents"

 A. Douglas Kinghorn
 Department of Medicinal Chemistry and Pharmacognosy University of Illinois, Chicago
"Biologically Active Compounds from
Plants with Reputed Medicinal and Sweetening Properties"

Isao Kubo

Division of Entomology and Parasitology College of Natural Resources University of California, Berkeley "Antibiotics from Tropical Plants"

Ushio Sankawa
 Faculty of Pharmaceutical Sciences
 The University of Tokyo
 "Biologically Active Constituents of Medicinal Plants"

125 research papers have been submitted for presentation at the Annual Meeting. 52 of these will be oral, and 73 will be poster papers. Our Rhode Island hosts are expecting approximately 300 registrants for the meeting, many of which are students. One note from our hosts: those of you whose papers have been accepted for presentation but who have not as yet registered, please do so as soon as possible.

There will also be an informative exhibition consisting of 7-8 companies.

The social events for this year's meeting include the Sunday social mixer, a Monday evening Clambake, and the Annual Banquet on Wednesday evening.

Continuing education credits will be available for registered pharmacists whose states require continuing education. This program carries ACPE #680-060-8736 and will offer a total of 15 hours of credit.

FUTURE MEETINGS

Future ASP Meetings

1988 - July 17-20 (Tentative) , University of Utah

1989 - University of Puerto Rico 1990 - Joint meeting with the Gesellschaft Fur Arzneipflanzenforschung, Heidelberg, West Germany.

Gesellschaft Fur Arzneipflanzenforschung Future Meetings

Thirty-fifth Annual Congress - September 20-24, 1987. Leiden University, The Netherlands. For further information contact: Prof. Dr. A. Baerheim Svendsen - Prof. Dr. J.J.C. Scheffer, Division of Pharmacognosy, Center for Bio-Pharmaceutical Sciences, Leiden University, Gorlaeus Laboratories, P.O. Box 9502, 2300 RA Leiden, The Netherlands.

Phone: (071) - 27.44.71 or (071) - 27.44.74

Phytochemical Society of Europe Future Meetings

"Naturally Occurring Acetylenes and Related Compounds," First International Conference. Department of Chemistry, University of Aarhus, Denmark, July 19-22, 1987. For more information please contact: Dr. Jorgen Lam, Department of Chemistry, University of Aarhus, DK-8000, Arhus C, Denmark. Telephone (0)6-124633 ext. 264.

"Biological Chemistry of Microbial Metabolites," University College, Dublin, Ireland, September 2-4, 1987. Contact: Dr. D.M.X. Donnelly, Department of Chemistry, University College, Dublin 4, Ireland.

"Amines in Plants," University College, London, U.K., December 21-22, 1987. For information contact: Prof. G.R. Stewart, Department of Botany, Birkbeck College, University of London, London WCI 7HX, U.K.

Sixteenth International Symposium on the Chemistry of Natural Products: Kyoto, Japan, May 29-June 3, 1988. (Under to auspices of the International Union of Pure and Applied Chemistry. The program will include: (1) Marine natural products, (2) Chemical communication between bioorganisms, (3) Molecular recognition in natural products, and (4) Computer use in natural product chemistry.

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FUTURE MEETINGS, continued from Page 3, Column 3.....

For further information contact: Professor Isao Kitagawa, General Secretary, Sixteenth International Symposium on the Chemistry of Natural Products, c/o The Chemical Society of Japan, 1-5 Kanda-Surugadai, Chiyoda-ku, Tokyo, 101, Japan.

IUPAC Future Meetings

31 International Congress of Pure and Applied Chemistry, July 13-18, 1987, Sofia, Bulgaria. For information contact: 31 IUPAC Congress, Centre for International Congresses and Meetings, Seridka Str. 20,1000 Sofia, Bulgaria.

Other Meetings of Interest

First International Conference on the Chemistry and Biology of Naturally-Occurring Acetylenes and Related Compounds, July 19-22, 1987, Dinamarca University of Arhus. For information contact: Dr. H. Breteler, ITAL, P.O. Box 48, 6700 AA, Wageningen, The Netherlands.

Fourth International Conference on Chemistry and Biotechnology of Biologically Active Natural Products, August 10-14, 1987, Budapest, Hungary. Contact Dr. G. Kovacs, CHINOIN Pharm. Chem. Works, Budapest, P.O. Box 110H-1325, Hungary.

Fifth European Symposium on Organic Chemistry, Jerusalem, Israel, August 30-September 3, 1987. For further information: Prof. I. Willner, Department of Organic Chemistry, The Hebrew University of Jerusalem 91 904 Jerusalem, Israel. Telephone 25391 HU IL.

The Second National Herb Growing and Marketing Conference and Trade Show, Adam's Mark Hotel, Indianapolis, Indiana, July 19-22, 1987. Contact: Dr. James Simon or Laura Clavio, Horticulture Building, Purdue University, West Lafayette, Indiana 47907 Telephone (317) 494-1328.

XVI Pacific Science Congress, Seoul, Korea, August 20-30, 1987. For information contact: Brenda Bishop, Secretary, Pacific Science Association, P.O. Box 17801, Honolulu, Hawaii, 96817, U.S.A. Phone (808) 847-3511.

Second International Symposium, "Plant Flavonoids in Biology and Medicine," Strasbourg, France, August 31-September 3, 1987. For information contact: Alain Beretz, Centre de Transfusion Sanguine, 10, rue Spielmann, 67085 Strasbourg Cedex, France. Telephone: (33)88.35.35.35 Telex: 880 048 F TRANSTB Telefax: (33) 88.36.99.15

47th International Congress of Pharmaceutical Sciences of FIP, Amsterdam, August 31-September 4, 1987. Contact: The International Pharmaceutical Federation (FIP), Secretary: Alexanderstraat 11, 2514JL The Hague, The Netherlands. Telephone 070-631925 Telex: 32781FIPNL

XIIth Conference on Isoprenoids, Prague, Czechoslovakia, October 4-11, 1987. For further information: Dr. Ladislav Kohout, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Flamingovo nam. 2, 166 10 Prague 6, Czechoslovakia.

Initial meeting of the Sociedad Latinoamericana de Fitoquimica, Montevideo, Uruguay, November 15-22, 1987. For details contact: Dr. Patrick Moyna, University de la Republica, Facultad de Quimica, Gral. Flores 2124, Casilla de Correo 1157, Montevideo, Uruguay or Sociedad Quimica del Peru, Av. Nicolas de Aranibar 696, Santa Beatriz, Apartado 891, Lima 100 - Peru. Telephone: 72 39 25. International Workshop on Tissue Culture and Biotechnology of Medicinal and Aromatic Plants, December 7-9, 1987, Central Institute of Medicinal and Aromatic Plants, Lucknow, India. Address inquiries to: Dr. R.S. Thakur, Chairman, Organizing Committee, International Workshop on Tissue Culture and Biotechnology of Medicinal and Aromatic Plants, Central Institute of Medicinal and Aromatic Plants (CIMAP), Post Bag No. 1, RSM Nagar Post Office, Lucknow - 226 016, India. Phone: 75088 or 71170, Gram: Medplants, Lucknow, India. Telex: 0535-298.

The 1st Princess Chulabhorn Science Congress 1987, International Congress on Natural Products, Bangkok, Thailand, December 10-13, 1987. For more information contact: Professor Vichai Reutrakul, Department of Chemistry, Faculty of Science, Mahidol University, Rama VI Road, Bangkok 10400, Thailand, Telex: 84770 UNIMANI TH. Tel: 2458332

International Conference of Group Polyphenols, Brock University, St. Catharines, Ontario, August 15-19, 1988. (Vicinity of Niagra Falls) For information contact: Dr. T. Fuleki, HRIO, Vineland Station, Ontario, Canada, LOR 2E0.

AWARDS AND GRANTS - continued from Page 2, Column 3

American college or university.

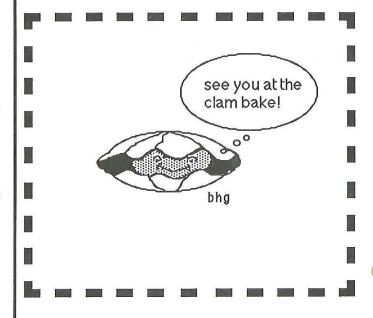
These awards (\$2000 to the student and \$500 to the advisor) do not provide overhead monies to the grantee institution. The research project is to be accomplished in a summer during the student's academic program leading to the B.S. or Pharm.D. degrees. This year's recipients are:

Michael Ruberto, Department of Chemistry, Stevens Institute of Technology, under the direction of A.K. Bose. Topic: "Alkaloid-Type Marine Natural Products."

Jane E. Stacklin, University of Pittsburgh School of Pharmacy, under the direction of David J. Slatkin. Topic: "Plants as Sources of Potential Herbacides."

The awards and grants will be presented at the Annual Meeting in Kingston, Rhode Island in July.

Watch future issues of the *Journal of Natural Products* and the *ASP Newsletter* for deadlines for the 1988 Awards and Grants Program.



SOCIETY BUSINESS)

AD HOC COMMITTEE ON SOCIETY NAME CHANGE GIVES REPORT

An Ad Hoc Committee was charged on August 12, 1985 by President Geoffrey A. Cordell to study the need and/or desirability of recommending to the membership a change in the name for the American Society of Pharmacognosy.

A call went out at the Annual Meeting in Chapel Hill as well as an announcement in the ASP Newsletter, Volume 21, Number 3, 1985, requesting input from the membership on a possible name change.

The committee reported only 13 responses, most of which did not express strong feelings either way concerning the name of the Society.

The committee therefore concluded that the name of the Society is generally accepted due to the low response from the membership. In addition, the term "Pharmacognosy" is understood to embrace the disciplines of botany, chemistry, biochemistry, pharmacology, and the economics of potential and/or actual medicinal plants and animals. This being true, a replacement of "Pharmacognosy" with "Natural Products" would be redundant. The respondents also felt that the change of "American" to "International" was not desirable at this time.

The committee recommends that the name "American Society of Pharmacognosy" be retained until such time as objective data are at hand that suggest that the Society is suffering from the name (such as drop in membership, financial strength, journal quality, or significant numbers of member dissatisfaction).

TREASURER REQUESTS FEEDBACK FROM MEMBERS

The Treasurer of our Society, David J. Slatkin, is requesting input from our foreign members concerning the air mailing of Journals and the *Newsletter*. He has been utilizing a new bulk air freight for air mailing our publications over the past year (*Journal of Natural Products*, 49: 4, 5, 6, and 50: 1 as well as the two issues of the *ASP Newsletter*, 23:1 and 23:2). This new mailing procedure is being attempted in order to keep costs down and prevent the need for an increase in dues to those members who utilize air mailing. David would appreciate hearing from any of you who have comments, both positive and negative, concerning the new system. You can write to him at:

David J. Slatkin, Ph.D., Treasurer The American Society of Pharmacognosy University of Pittsburgh School of Pharmacy 512 Salk Hall Pittsburgh, PA 15261, U.S.A Phone: (412) 648-8490

IN MEMORIUM

Kenneth Redman from South Dakota State University, a devoted member of the ASP, died December 8, 1985.

NEW MEMBERS

The ASP is pleased to welcome the following new members:

New Full Members:

William A. Ayer University of Alberta, Canada

Chris Broka University of Illinois

Chieh-Fu Chen Natl. Yang-Ming Medical College

Chung-hsiung Chen National Taiwan University

William Scott Chilton North Carolina State Univ.

Nei Regis S. de Brito Rio de Janeiro, Brazil

Ludivina S. de Padua University of the Philippines

Stella D. Elakovich Hattiesburg, MS

Fritz Hansske Mannheim, West Germany

G. Harnischfeger Schaper and Brummer Salzgitter

David R. Houck Fanwood, New Jersey

Liang Huang Institute of Materia Medica China

Mankil Ju University of Mississippi

Takao Katagiri Shizuoka University, Japan

Lawrence D. Kwart Virginia Polytechnic Institute Joseph Lemli Leuven, Belgium

David E. Lewis Baylor University, Texas

John M. Matsoukas University of Patras, Greece

Thomas G. McCloud Purdue University

R. Bryan Miller University of California

K. C. Nicolaou University of Pennsylvania

Surachai Nimgirawath Silpakorn University, Thailand

Babajide O. Oguntimein University of Mississippi

Ronald J. Parry Rice University, Texas

Karl H. Pegel University of Natal, South Africa

B. O. Fraser-Reid Duke University, North Carolina

Erhard Roder University of Bonn

Kazuki Saito Chiba University, Japan

Arthur G. Schultz Rensselaer Polytechnic Inst.

Bilge Sener Pennsylvania State University

Kosta Steliou University of Montreal, Canada

Charles S. Swindell Bryn Mawr College, Penna.

Ta-Cheng Tung Taipei Medical College, Taiwan

SEE YOU IN KINGSTON!!

FIRST CLASS MAIL

Dr. E. John Staba College of Pharmacy University of Minnesota Minneapolis, MW 55455



Joy B. Reighard, Ph.D., Editor Temple University School of Pharmacy 3307 N. Broad Street Philadelphia, PA 19140 U.S.A.

ASP Newsletter
American Society of Pharmacognosy

PUBLICATIONS OF INTEREST

Handbook of Natural Toxins, volume I, Plant and Fungal Toxins, Richard F. Keeler and Anthony T. Tu, Editors, Marcel Dekker, Inc., 270 Madison Avenue, New York, N.Y., 10016, Phone: (212)696-9006, 934 pages, \$145.00.

Handbook of Natural Toxins, volume 2, Insect Poisons, Allergens, and Other Invertibrate Venoms, Anthony T. Tu, Editor, Marcel Dekker, Inc., 270 Madison Avenue, New York, N.Y., 10016, Phone: (212)696-9000, 732 pages, \$135.00.

Cytochrome P-450. Structure, Mechanism, and Biochemistry, Paul R. Oritz de Montellano, Editor, Plenum Publishing Corporation, 233 Spring Street, New York, N.Y. 10013, Phone: (212)620-8000, 540 pages, \$69.60.

Advances in Penicillium and Aspergillus Systematics, Robert A. Samson, Editor, Plenum Publishing Corporation, 233 Spring Street, New York, N.Y. 10013, Phone: (212)629-8000, 485 pages, \$85.00.

Principles of Plant Biotechnology, S.H. Mantell, J.A. Mathews, and R.A. McKee, Blackwell Scientific Publications, 1985.

<u>Biotechnology: Potentials and Limitations.</u> S. Silver, Editor, Life Sciences Research Report 35, Springer-Verlag,

Berlin, Heidelber, New York, Tokyo, 1986.

"Pharmacognosy: Far from Dead," Geoffrey A. Cordell, Ph.D., in *American Druggist*, March, 1987.

The Herb Research Foundation and the American Herbal Products Association publishes *HerbalGram*, a quarterly publication by **Herb News**, P.O. Box 12006, Austin, TX 78711 Phone: (512)331-4244. Subscription rates: U.S. \$15.00 (1 year), \$27.00 (2 years), \$39.00 (3 years). Overseas \$25.00 (1 year), \$45.00 (2 years), \$65.00 (3 years).

(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 \$45.00 per year. If overseas airmail is requested, the dues are \$70.00.

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$35.00 per year.

Honorary Membership

Honorary members are selected by the Executive Committee of the Ameri-

can Society of Pharmacognosy on the basis of meritorious service to pharmacognosy. Present Honorary Members are:

Dr. Jack L. Beal, Columbus, Ohio

Dr. Norman R. Farnsworth, University of Illinois

Dr. Jonathan L. Hartwell, Washington

Dr. R. Hegnauer, Leiden, Netherlands

Dr. Albert Hofmann, Switzerland

Dr. Richard E. Schultes, Harvard Botanical Museum

Dr. Arthur E. Schwarting, Florida

Dr. Gordon Svoboda, Indianapolis, Indiana

Dr. Varro E. Tyler, Purdue University

Dr. Heber W. Youngken, Jr., University of Rhode Island

Patron, Sustaining, and Benefactor Memberships

These memberships are open to any person or organization wishing to support the aims and objectives of the Society. Dues are as follows:

Patron Member - \$200.00 per year Sustaining Member - \$500.00 per ear

Benefactor Member - \$1,000.00 per year

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 Dept. of Pharmaceutical Sciences 512 Salk Hall University of Pittsburgh

University of Pittsburgh Pittsburgh, PA 15261 U.S.A.

Phone: (412) 648-8490