



# ASP NEWSLETTER

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The American Society of Pharmacognosy

## GEORGE R. PETTIT RECEIVES RESEARCH ACHIEVEMENT AWARD

George R. Pettit, Ph.D., Arizona State University, has been selected as the recipient of the 1995 ASP Research Achievement Award. Dr. Pettit will receive his award and address the participants at the 1995 Annual Meeting of the American Society of Pharmacognosy in Oxford, Mississippi.

George R. Pettit received his B.S. (1952) in chemistry from Washington State University and his M.S. (1954) and Ph.D. (1956) from Wayne State University.

Dr. Pettit is a member of the *Journal of Natural Products* editorial advisory board, and has received numerous distinctions, honors and awards.

Professor Pettit's research interests have centered around the treatment of cancer. He has surveyed organic reactions, total syntheses, and structure elucidation of a variety of natural products in his endeavor. His structure elucidation work has included the anti-tumor antibiotic carminomycin, used fairly commonly in Europe and now being investigated for use in the United States in the treatment of breast cancer. In addition, he has elucidated several other potential antitumor agents.

We look forward to hearing from Dr. Pettit at Ole' Miss. Congratulations!

## JACK L. BEAL CHAIR ESTABLISHED AT OHIO STATE

In recognition and in honor of Dr. Jack L. Beal, professor emeritus of pharmacognosy and medicinal chemistry at The Ohio State University College of Pharmacy, the College is pleased to announce the establishment of the Jack L. Beal Chair in Pharmacognosy and Natural Products Chemistry.

The Beal Chair shall be used for the support of a distinguished scholar, researcher and teacher in pharmacognosy and natural



products chemistry.

Dr. Jack L. Beal was born in Harper, Kansas in 1923. He earned his B.S. (1948) and M.S. (1950) degrees in pharmacy from the University of Kansas and his Ph.D. from The Ohio State University (1952). Dr. Beal joined the faculty of Ohio State's College of Pharmacy in 1952 and went on to serve the college for

34 years. It was at Ohio State that Dr. Beal attained national stature in the area of Pharmacognosy. Continued on p.5

# FUTURE MEETINGS

## Future ASP Meetings

- 1995 - July 23 - 27 - Univ. of Mississippi.  
1996 - Santa Cruz, California.  
1997 - University of Iowa

## 1995 AACP Meeting

July 8-12, AACP Annual Meeting, Philadelphia, PA.  
Details: AACP, 703-739-2330.

## Other Meetings of Interest—1995

**May 24-26, The CU-Hauser Symposium in Natural Products Chemistry: Chemistry and Bioactivity**, University of Colorado at Boulder. For information contact: Office of Conference Services, 500 30th St., Boulder, CO 80310. Telephone: (303)492-5151.

**June 5-28, Utilization of Medicinal and Aromatic Plants in Pharmaceutical and Related Industries (TRUMAP)** - an in-plant group training program sponsored by The Medicinal Plants Research Centre (TBAM), Eskisehir, Turkey. For details contact: Prof. Dr. K.H.C. Baser, Director, Anadolu University Medicinal Plants Research Centre, 26470 Eskisehir, Turkey. Tel: (90-222)3350580 (10 lines) 3661. Fax: (90-222) 3350127. Telex: 35147 esak tr.

**August 14-19, 35th IUPAC Congress**, Istanbul, Turkey. Contact: Prof. A.R. Berkem, 35th IUPAC Congress, Halaskargazi Cad. No.: 53, D.8, 80230 Harbiye/ISTANBUL, Turkey, Tel: (90) (212) 240 73 31, Fax: (90) (212) 231 70 37.

**August 20-25, ACS Sponsored Symposium on Saponins: Chemistry and Biological Activity**, Chicago, Illinois. For details contact: George R. Waller, Organizer, Oklahoma State University, Department of Biochemistry and Molecular Biology, Stillwater, OK 74078. Telephone: (405)744-6692. Fax: (405)744-7799.

**September 3-7, the 43rd Annual Congress of the Society for Medicinal Plant Research on "Secondary Products - Physiologically Active Compounds"**, Halle, Germany. For further information contact: Martin-Luther-Universität Halle-Wittenberg, Fachbereich Pharmazie, Institut für Pharmazeutische Biologie, Frau Prof. Dr. Beate Diettrich, Weinbergweg 15, 06120 Halle, Germany.

**October 15-19, 13th International Congress of Flavours, Fragrances and Essential Oils**, Istanbul, Turkey. For details contact: AREP, Büyükdere Cad. No: 64/7, Mecidiyeköy 80290, Istanbul - TURKEY. Tel: 90-212-266 34 63. Fax: 90-212-275 75 13.

**October 23-24, the 2nd International Cosmetics Symposium**, Eskisehir, Turkey. For information contact: Prof. Dr. K.H.C. Baser, Director, Anadolu University Medicinal Plants Research Centre, 26470 Eskisehir, Turkey. Tel: (90-222)3350580 (10 lines) 3661. Fax: (90-222) 3350127. Telex: 35147 esak tr.

## From Matt Suffness...

307 Mansfield Road  
Silver Spring, MD 20910  
December 22, 1994

Dear friends, relatives, and colleagues:

I apologize for not writing to each of you individually, but it is quite impossible given all the cards, letters, phone calls, visits, and other expressions of support you have sent me.

The REALLY GREAT NEWS is that I am out of Johns Hopkins after seven weeks in an isolation room tied to an i.v. pole and I can't tell you how wonderful that feels. The transplant was successful and I am making a goodly number of my own white cells now and have at least enough resistance to infection to be out of isolation. The red cells, platelets, etc., are coming more slowly as is their nature.

If I don't run into any complications, I expect to be released to continue recuperation at my home in Silver Spring in early February, and I will try to start back to work on a very intermittent basis from my home shortly thereafter.

I don't want to dwell on the hospital time except to say that is was the hardest thing I have ever gone through in my life and that there were a few very rough spots where the main thing that sustained me was looking at the wall and seeing all the cards, letters, notes, and prayers that you sent and thinking of all the people that called, visited, and sent messages, and saying to myself that "I can't let all these people down; they believe I can do it". The support that you have given me, both individually and collectively, has enabled me to get through and I am now confident of full recovery in due course.

The nursing care at Johns Hopkins was superb and I have to thank the medical staff for my life including Drs. May, Rizzo, Miller, Grever, and Orłowski among the many who watched over me. The person I would like to thank the most, but can't, is the anonymous donor somewhere in the Pacific Northwest who donated my new bone marrow and immune system and who was the single really good match for me on the National Bone Marrow Transplant Registry. Without this person I would have had no chance at all. I urge you all to consider being typed for this registry. If you can't get information through your local physician or medical society, I will be happy to get you information through Johns Hopkins.

Thanks again for the fantastic support you have given me.

**1995 "Pharmacy from the Rainforest" Programs**, sponsored by the American Botanical Council and the Texas Pharmacy Foundation. This year there will be workshops conducted in the Amazon (October 21-18, 1995), Belize (May 20-28, 1995), and Costa Rica (August 5-13, 1995). For further information contact Charlotte de Frances, Pharmacy Workshop Coordinator, International Expeditions, Inc., One Environs, Park, Helena, Alabama 35080. Telephone: 1-800-633-4734 EXT: 272. FAX: 205-428-1714. TELEX: 782651.

## Other Meetings of Interest—1996

**May 7-9, VIIth International Symposium on Luminescence Spectrometry in Biomedical Analysis - Detection Techniques and Applications in Chromatography and Capillary Electrophoresis**, Monte-Carlo, Monaco. For information contact: Prof. Dr. Willy R.C. BAHEYENS, Symposium Chairman, University of Ghent, Pharmaceutical Institute, Dept. of Pharmaceutical Analysis, Lab. of Drug Quality Control, Harelbekestraat 72, B-9000 Ghent (BELGIUM). Fax ++/32-9-221.41.75; Telephone ++/32-9-221.89.51.

# Thirty-Sixth Annual Meeting

## Natural Products as Prototype Antiinfectives: Discovery, Characterization, and Development

July 23-27, 1995

### The University of Mississippi Tentative Symposia

The 36th Annual Meeting of the American Society of Pharmacognosy will be held July 23-27, 1995 on the campus of The University of Mississippi ("Ole Miss") in Oxford, Mississippi. The theme of the meeting is "Natural Products as Prototype Antiinfectives: Discovery, Characterization, and Development." The Scientific Program Committee has planned a program consisting of eleven symposia that will provide an overview of issues related to the discovery and development of natural products as potential antiinfectives, including sample acquisition and preparation for biological assay, the design and utilization of various bioassays, new developments in separation techniques and structure elucidation, and approaches to lead compound development. In addition to the symposia, there will be a "Young Investigators Symposium", contributed papers sessions, and the ASP Research Achievement Award address, to be delivered by this year's recipient, G.R. Pettit. Also planned is the first ever "Graduate Student Forum" designed to provide graduate students the opportunity to interact with representatives of our discipline who have chosen careers in the academic, industrial, and government sectors. The preliminary program, abstract forms, all registration and housing information, important deadlines, planned social activities, and other relevant information is included in an Announcement and Call for Papers, which was mailed in early March. Mark your calendars and plan to be present!



## EMPLOYMENT SERVICE AVAILABLE

The American Society of Pharmacognosy is offering a placement service to aid our members in seeking positions or 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 realize that this is not a resume service and that the application will be submitted to the prospective employer exactly as submitted (i.e. the submitted form will be photocopied, then sent to the prospective employer). All information submitted will be held in the strictest confidentiality.

Forms and further information may be obtained from:

Joseph M. Betz, Ph.D.,  
Division of Natural Products  
Food and Drug Administration (HFS-347)  
200 'C' Street, S.W.  
Washington, DC 20204-0002 U.S.A  
Fax: (202) 205-4422  
Phone: (202) 205-4060  
Bitnet: JMB@FDACFSAN.

- Introduction: Alice M. Clark, Ph.D., The University of Mississippi  
*Challenges in Infectious Disease Therapy: A Potential Role for Natural Products*
- Symposium 1: Sean O'Connor, Ph.D., Myco Pharmaceuticals, Inc.  
*The Challenges Facing the Natural Product Screener*
- Symposium 2: Prabhavathi B. Fernandes, Ph.D., Bristol-Myers/Squibb  
*Novel Targets for the Discovery of Antibacterial Agents*
- Symposium 3: Raymond F. Schinazi, Ph.D., Emory University and Veterans Administration Hospital  
*Discovery of Novel Antiviral Agents*
- Symposium 4: Scott Franzblau, Ph.D., Louisiana State University  
*Discovery of Novel Antitubercular Agents*
- Symposium 5: Thomas J. Walsh, M.D., National Cancer Institute, National Institutes of Health  
*New Molecular Antifungal Drug Targets: From Bench to Bedside*
- Symposium 6: Wilbur Milhous, Ph.D., Walter Reed Army Institute of Research  
*Discovery of Novel Antiprotozoal Agents*
- Symposium 7: Milton Lee, Ph.D., Brigham Young University  
*New Developments in Separation and Isolation Methodology*
- Symposium 8: Gary E. Martin, Ph.D., Burroughs Wellcome Co.  
*New Developments in NMR Spectroscopy: Applications to the Structure Elucidation of Natural Products*
- Symposium 9: Clemens Anklin, Ph.D., Bruker Analytical Systems  
*Liquid Chromatography-NMR*
- Symposium 10: Ezio Bombardelli, Ph.D., Indena, Milan, Italy  
*Technologies for the Processing of Medicinal Plants*
- Symposium 11: Barbara Laughon, Ph.D., Opportunistic Infections Research Branch, National Institutes of Health  
*NIH Assistance in Drug Development for AIDS*

It is with regret that we announce the death of two former members:

Douglas C. Harrod of the  
United Kingdom

Sheng-Teh Lu of Taiwan

# NEW MEMBERS

## New Full Members:

Joe Abrell  
Sevierville, Tennessee

Harunobu Amagase  
Wakunaga of America  
California

Ana Luisa Anaya  
Instituto de Fisiología  
Celular.UNAM.  
Mexico

Shigenobu Arihara  
Tokushima Bunri University  
Tokushimam, Japan

James A. Armstrong  
Department of Conservation and  
Land Management  
Perth, Western Australia

Athula Attygalle  
Cornell University  
Ithaca, New York

Mohamed M. Badau  
Dublin, California

John D. Baker  
Stonehedge Phytomedicinal  
Consulting, Ltd.  
Stirling, Ontario, Canada

Rainer Becker  
Boehringer Ingelheim KG  
Ingelheim, Germany

Vanden Berghe Dirk  
University of Antwerp  
Belgium

William S. Bowers  
University of Arizona  
Tucson, Arizona

Cecile Debitus  
ORSTOM  
New Caledonia, South Pacific

R. De Nys  
Sydney, Australia

Sukh Dev  
Xechem (India) Pvt. Ltd.  
New Delhi, India

Jim H. Eastman  
Hauser Chemical Research, Inc.  
Boulder, Colorado

D. Ferreira  
University of the Orange Free  
State  
Bloemfontein, South Africa

Miroslav Flieger  
Institute of Microbiology  
Prague, Czechoslovakia

Tom Foderaro  
University of Utah  
Salt Lake City, Utah

Scott Forsberg  
Murdock Madaus Schwabe  
Springville, Utah

Diana M. Fort  
South San Francisco, California

Richard M. Fronko  
Mountain View, California

James R. Gear  
University of Regina  
Regina, Saskatchewan, Canada

Kate Graham  
College of St. Benedict  
St. Joseph, Minnesota

Michael Greenstein  
Lederle Laboratories  
Pearl River, New York

Dominique Guillaume  
Lab de Chimie Therapeutique  
Paris, France

Xianguo He  
Eugene, Oregon

Tingmo Hu  
Nova Scotia, Canada

Duk-Kyu Hwang  
Seoul National University  
Korea

Jack B. Jiang  
Phytera, Inc.  
Worcester, Massachusetts

Alpana Joshi  
The University of Mississippi  
University, Mississippi

Alaa Kamel  
Texas Southern University  
Houston, Texas

Yoshiki Kashiwada  
Univeristy of North Carolina  
Chapel Hill, North Carolina

Tae-gun Kim  
Hong-ik Univeristy  
Korea

Jodi A. Laakso  
University of Utah  
Salt Lake City, Utah

John N. Lawyer  
Lawyer Nursery, Inc.  
Plains, Montana

Liliana Matheson  
Colworth Laboratory  
Sharnbrook, Bedford

Shunyo Matsunaga  
Osaka University of  
Pharmaceutical Sciences  
Osaka, Japan

Jerrold Meinwald  
Cornell University  
Ithaca, New York

M. Mhaidat  
Amman, Jordan

Ursula Mocek  
Panlabs, Inc.  
Bothell, Washington

Ram S. Mohan  
Hartsville, South Carolina

Nemesio E. Montañó  
University of the Philippines  
Quezon City, Philippines

Baldwin S. Mootoo  
University of the West Indies  
St. Augustine, Trinidad, West  
Indies

Judy Needham  
Institute for Marine Biosciences  
Halifax, Nova Scotia, Canada

Edward Pack  
Bristol Myers Squibb  
Wallingford, Connecticut

Bhairab D. Pandey  
Sharda Clinic  
Ranikhet, Disstt. Almora, India

Stephen R. Parker  
Russell Research Center  
Athens, Georgia

David A. Perry  
Pfizer, Inc.  
Groton, Connecticut

Richard Podell  
New Providence, New Jersey

Shirley A. Pomponi  
Harbor Branch Oceanographic  
Institute, Inc.  
Ft. Pierce, Florida

Daniel Putterman  
Washington, D.C.

Abdur Rashid  
University of Dhaka  
Dhaka, Bangladesh

Luis Manuel Peña Rodriguez  
Merida, Yucatan, Mexico

Nancy Acton Roth  
Walter Reed Army Institute of  
Research  
Fairfax, Virginia

Petr Sedmera  
Institute of Microbiology  
Prague, Czechoslovakia

V. M. Sharma  
Dr. Reddy's Research Found.  
Hyderabad, India

Charles D. Smith  
Fox Chase Cancer Center  
Philadelphia, PA

Anita R. Srivastava  
The University of Mississippi  
University, Mississippi

Handong Sun  
Phytochemistry Laboratory  
Yunnan, China

Takaaki Tai  
Kotaro Pharmaceutical Co., Ltd.  
Osaka, Japan

Philip S. Thibodeau  
Monsanto Co.  
Chesterfield, Missouri

Harukuni Tokuda  
University of Medicine  
Kyoto, Japan

Pittaya Tuntiwachwuttikul  
Shpakorn University  
Nakorn Pathom, Thailand

Josefa Valcarcel  
Merch-Sharp-Dohme-Spain  
Madrid, Spain

Dick van der Helm  
The University of Oklahoma  
Norman, Oklahoma

Larry A. Walker  
The University of Mississippi  
University, Mississippi

Xiping Wang  
Gaia Herbs, Inc.  
Cambridge, Massachusetts

R. S. Ward  
University of Wales Swansea  
Swansea, United Kingdom

George Robert Wilson  
University of Illinois, Urbana

Eun-Rhan Woo  
Division of Applied Science,  
KIST  
Cheongryang, Korea

Yuh-Lin Allen Yang  
Union Chemical Laboratories  
Hsinchu, Taiwan

**New Associate Members:**

Ehab Ahmed Abourashed  
University of Mississippi  
University, Mississippi

Ana L. Acosta  
Carolina, Puerto Rico

Madeline Adamczeski  
The American University  
Washington, D.C.

Tracy Cornuelle  
University of Arizona  
Tucson, Arizona

Jinhui Dou  
University of Mississippi  
University, Mississippi

William R. Gamble  
University of Iowa  
Iowa City, Iowa

Lina Long  
University of Illinois at Chicago

M.G. Matsabisa  
University of Cape Town  
South Africa

Joes J. Morales  
University of Illinois, Urbana

Continued next page.

## JACK L. BEAL CHAIR ESTABLISHED

## TELLER'S REPORT

Continued from p. 1

Dr. Beal pioneered research in the area of isolation and identification of plant constituents for possible therapeutic use as antitumor, antihypertensive, and antibiotic drugs. This research brought him international recognition in the field of natural products chemistry. From 1977-84, he, with the help of his wife, Earlene, served as editor of the *Journal of Natural Products* (Lloydia).

His many honors include: a designation as a Fulbright Fellow, visiting scientist at the University of Baghdad, visiting professor at the University of Munich, honorary membership in the Egyptian Pharmaceutical Society, The Ohio State University Centennial Service Award, The Ohio State University College of Pharmacy Distinguished Alumni Award, APhA Research Achievement Award in Natural Products Chemistry, Outstanding Educator of America, Honorary Membership in the American Society of Pharmacognosy, and the Society for Economic Botany's Distinguished Economic Botanist Award.

At the time of his retirement from the college in 1986, Dr. Beal had assumed the position of associate dean for graduate and research studies. It was at this time that Dr. Beal pioneered another project at the College of Pharmacy: the development of a professional alumni organization that would meet the needs of over 4,000 Ohio State College of Pharmacy graduates.

Hundreds of professional and graduate pharmacy students have benefited over the years from Dr. Beal's skills as an educator, mentor, and friend. His former students now occupy distinguished positions across the world in the profession of pharmacy as researchers, educators, professional pharmacists, and corporate executives.

Congratulations Jack!

The Tellers Committee (William J. Keller, Chairman, Robert D. Kee, and Diane S. Swaffar) wishes to report the following results of the 1994 election:

Vice President (1995-1996)  
Charles D. Hufford

Executive Committee Member (1995-1998)  
S. William Pelletier

Constitution and By-Laws Amendment Proposals

Package A - ASP meetings will follow Roberts' Rules of Order - Passed

Package B - Non-members may attend the annual meeting, but they may not vote, or speak from the floor unless recognized by the Chair - Passed

Package C - Copublishing of the *Journal of Natural Products* has been approved in principle by the membership. (However, no official agreement has been made with ACS as of press date.)

A total of 301 ballots (231 U.S. and 70 non-U.S.) were returned and counted. This is 32% of the qualified voting members of the ASP.

## WILLIAM S. BOWERS RECEIVES 1994 KENETH A. SPENCER AWARD

Dr. William S. Bowers has been selected by the Kansas City Section of the American Chemical Society to receive the 1994 Kenneth A. Spencer Award. This award honors Dr. Bowers' outstanding contributions to the field of agricultural and food chemistry which have resulted from research conducted at the University of Arizona at Tucson. The award was presented at an awards ceremony on February 16, 1995 in Kansas City, and consists of a medal and an honorarium

to encourage and reward outstanding research efforts in agricultural and food chemistry. This award is supported by a grant from the Spencer foundation whose founder, Kenneth A. Spencer, was a distinguished scientist in the Kansas City area for many years.

Bower's research focuses on pesticides that are designed to interfere directly with insect growth and behavior, offering non-toxic methods of insect control that enhance agricultural production yet protect public health.

Dr. Bowers has received numerous other awards, and belongs to numerous scientific organizations, including the American Society of Pharmacognosy. Congratulations!

## NEW BOOKS AND JOURNALS...

### ...from Pergamon Press (Elsevier Science Ltd)

*Alkaloids: Chemical and Biological Perspectives*, vol xv, S. William Pelletier, Ed. Includes topics such as "Taxol", "The Synthesis of Macroline Related Sarpagine Alkaloids," "Erythina Alkaloids," "Chemistry, Biology and Chemoecology of the Pyrrolizidine Alkaloids," "Alkaloids from Cell Cultures of *Aspidosperma* Quebracho-Blanco," and "Fumonisinis." 1995, 286 pp.

### ...from the Haworth Press, Inc., 10 Alice Street, Binghamton, NY 13904-9981

*Yogurt, Yoghurt, Youghourt, An International Cookbook*, Linda K. Fuller, an international cookbook using . . . you guessed it . . . yogurt! 1995, 270 pp with index, \$39.95 Hard ISBN: 1-56022-033-3. \$14.95 Soft ISBN: 1-56022-034-1.

Khaled Youssef Orabi  
University of Mississippi  
University, Mississippi

M. Cobar P. Oscar  
Rio Piedras, Puerto Rico  
Si-Hyung Park  
Seoul National University  
Korea

Abdelaaty A. Shahat  
University of Antwerp  
Belgium

Kevin Spelman  
Albuquerque, New Mexico

Surooinauth Tiwari  
Lehman College  
Bronx, New York

Authrine C. Whyte  
Coralville, Iowa

Jena H. Young  
Virginia Polytechnic Institute  
and State University  
Blacksburg, Virginia



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

David J. Slatkin, Ph.D., Treasurer  
 The American Society of Pharmacognosy  
 P. O. Box 9558  
 Downers Grove, Illinois 60515



## 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. James E. Robbers, Purdue University
- Dr. Richard E. Schultes, Harvard Botanical Museum
- Dr. Arthur E. Schwarting, Florida
- Dr. Varro E. Tyler, Purdue University
- Dr. Hildebert Wagner, University of Munich
- 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

### 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

Send information to

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