



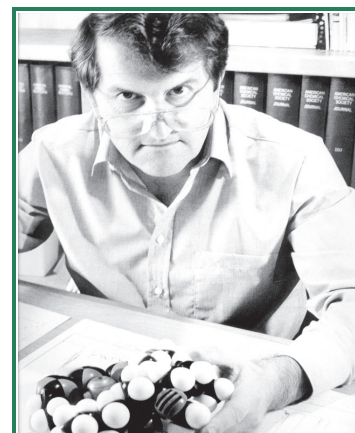
The American Society of Pharmacognosy

ASP Honors Dr. D. John Faulkner (*Posthumous*) With Research Achievement Award-2003

"If I have seen further than others, it is by standing upon the shoulders of giants" -- Isaac Newton

Last July the American Society of Pharmacognosy (ASP) selected Professor D John Faulkner of Scripps Institution of Oceanography, University of California, San Diego, as the recipient of the ASP-2003 Research Achievement award. John was elated to learn this news at a symposium held at Scripps in his honor to celebrate his 60th birthday. It was with a sense of profound sadness and regret that we learned of John's death on November 23, 2002 from complications after heart surgery.

John made lasting contributions in the fields of marine natural products chemistry and chemical ecology.



Late Dr D John Faulkner

Continued on page 7....



July 12-16, 2003

*Annual ASP Meeting Convenes at
Chapel Hill, NC*

Details...Pages 4-10

ASP Introduces Student Poster Awards...

ASP has announced the "ASP Student Poster Awards" to be given to graduate and undergraduate student researchers at the annual meetings of the Society. These awards will be given for the first time at the 44th Annual Meeting at Chapel Hill, NC.

◆ **Up to five awards will be made at any one annual meeting. The awards will consist of a \$150 cash gift and a ticket to the meeting banquet.**

◆ ASP Student Poster Awards are designed to recognize outstanding research in the general area of natural products. The competition is open to all graduate and undergraduate students presenting posters at the Annual ASP meeting.

◆ The poster should describe the applicant's research results. The applicant must attend the meeting and be the primary poster presenter. When submitting poster abstracts to the local scientific program committee, applicants must designate on the abstract form their interest in having their poster included in the competition.

◆ The posters will be judged on the basis of: (a) content (significance of results), (b) organization/layout, and, (c) presentation (effectiveness and question answering) by an *ad hoc* committee of senior ASP members, appointed by the ASP president.

THE CHANGING FACE OF NATURAL PRODUCTS CHEMISTRY



**ASP Meeting #44
2003
Chapel Hill, NC**

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Vol. 39
No. 1



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JOIN ASP...via Web

Become an Online Member

- **Pay by Credit Card (via Verisign)**
- **Or Send a Check to:**

Treasurer Dr. David Slatkin

(Mailing details ...Page 16)

Application Forms Available

at: www.phcog.org

**The link to the ASP Newsletter
is now on the ASP web page:**

<http://www.phcog.org/newsletter.html>

Editor's Corner

Dear Friends,

Greetings from ASP!

The poet said it so well: "If winter comes, can spring be far behind...?" The season of freshness and new life is here again. People are crowding the walkways, breathing fresh air and enjoying the aura and beauty of nature. It is almost as if mother earth has renewed herself.



The Winter 2002 issue of the American Society of Pharmacognosy (ASP) Newsletter contained important information and news for students and young professionals. We hope that they have taken advantage of the opportunity to present their research work and compete for the various awards and grants to be given out at the 44th Annual Meeting of the ASP in Chapel Hill.

This Spring issue is a reminder to all ASP members to plan their trip to attend the Annual Meeting to be held on the scenic campus of the University of North Carolina. Please register as soon as possible, either online, or send the registration form printed in this issue of the newsletter. The annual meeting will include, as always, seminars by experts in the field of natural products and highlight outstanding research activities by young professionals. Various other group activities have been planned for the participants. We anticipate some dynamic and fruitful interaction among our members at Chapel Hill, NC

A new feature that we are introducing at the forthcoming annual meeting is the Poster Award to be given out to young researchers. This is certainly a positive step towards getting new talent directly involved in the research and developmental activities of the Society.

I have always come back from Annual Meetings feeling much stimulated and encouraged. I hope you would agree with me that ASP is living up to the expectations of our members and respected in the world of natural products research. This newsletter reflects what ASP stands for and the work we do through the Society -- promoting research, highlighting and reporting achievements of fellow scientists; in short, carving out a niche for ASP in the world of natural products that, today, commands much respect and attention across the globe.

As the Society grows in membership, we must continue to work towards common goals and objectives. I believe that there is strength in working together in the pursuit of noble goals.

Enjoy your spring and continue to support ASP Looking forward to seeing you at Chapel Hill.

Renuka

In Memorium ... Paul J Scheuer

(May 1915 January 2003)

Paul Josef Scheuer, Professor Emeritus of the Department of Chemistry, University of Hawaii at Manoa, passed away on January 12, 2003, after a three-year battle with myelodysplasia.

Dr Scheuer is widely regarded as the father of marine natural products chemistry, and has made numerous seminal discoveries during his long career. He has trained several generations of scientists in his laboratories including 33 PhD students, 25 masters students, over 110 post-doctoral fellows and visiting scientists from over 25 countries.

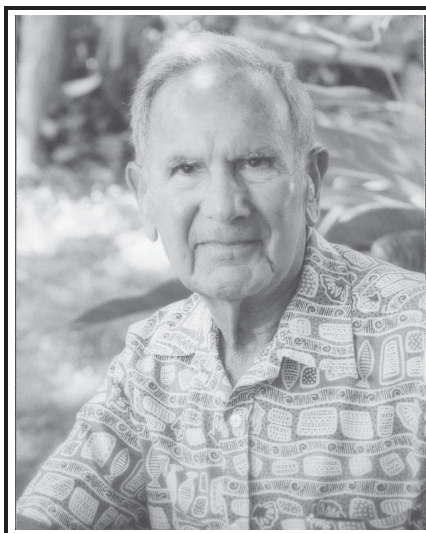
His contributions are too numerous to describe in detail here.

However, a few examples are noteworthy. His interest in marine toxins led him to initiate and work for many years on the toxin from the soft coral *Palythoa*, and the causative agent of *ciguatera* (human poisoning from eating certain reef fish).

Other projects involved the isolation and structure of numerous unique metabolites, such as the first marine isocyanide from the nudibranch *Phyllidia*. The range of studies from the Scheuer group included biosynthesis, chemical ecology, and drug discovery. The Scheuer group was one of the first to use deep water submersibles to collect organisms for chemical studies.

Among his many accomplishments one stands out in particular...since receiving his first grant from the National Science Foundation in 1952, Paul Scheuer maintained a nearly unbroken string of NSF support until 2001. The NSF itself began in 1951, and it is believed that he has the longest record of support in the history of the Foundation.

Paul Scheuer received numerous awards in recognition of his contributions to the field of natural products chemistry and pharmacognosy. These include the Ernest Guenther Award in Essential Oils and Natural



**Late Paul Josef Scheuer,
Professor Emeritus**

Products (ACS) and the ASP Research Achievement Award in 1993. Members of his research group established and funded the "Paul J. Scheuer Award in Marine Natural Products," in 1992, which is a perpetual award given every two years at the Marine Natural Products Gordon Conference. A special symposium in his honor was held during the PACIFICHEM 2000 meeting in Honolulu, to mark the 50th year of his tenure at the University of Hawaii in December 2000.

Dr Scheuer was born in Heilbronn, Germany in May 1915. He emigrated to the United States in 1938. He did his graduate work in the

laboratory of Prof. Robert Burns Woodward at Harvard University, and received his Ph.D on the structure and chemistry of "strychnine".

Later, he joined the University of Hawaii which at that time was not known as a research university. Yet the young Scheuer vigorously embarked on a long journey of discovery in natural products chemistry that kept him occupied for the remainder of his life. His first targets were some of the plants which were indigenous to Hawaii.

In the early 1960s, he began to collaborate with his colleagues in marine biology to investigate the secondary metabolites from marine organisms which up to that time had been the subject of only a handful of chemical investigations.

Paul J. Scheuer is survived by his wife, Dr Alice Scheuer and his four children (Elizabeth, Deborah, David & Jonathan).

A fund has been established to support the Scheuer Award and funding for undergraduate and graduate students at University of Hawaii.

For further information, contact Malia Staggs at Malia.Staggs@uhf.hawaii.edu

ASP Condolences the demise of Dr. Paul J. Scheuer



Welcome to Chapel Hill, NC ...

☐ *Theme ... The Changing Face of Natural Products Chemistry*

☐ GENERAL INFORMATION

The premier conference for Natural Products Scientists... 44th Annual Meeting of the American Society of Pharmacognosy (ASP) will be held on the exciting campus of the University of North Carolina from **Saturday July 12 - Wednesday July 16, 2003**. The main venue of the meeting is the famous, historic Carolina Inn in Chapel Hill, NC.

Saturday, July 12, 2003 ... The meeting will open with an evening reception. A new feature this year is a workshop on “**Modern NMR Methods For Organic Structure Elucidation**”... by Prof William Reynolds for most of the day on Saturday.

Sunday, July 13, 2003 The symposium on “**Metabolic Profiling (Metabonomics)**” will start at 8:00 am. In the evening there will be a reception for the younger member committee (YMC).

Monday, July 14, 2003 The morning (8 am - 12:45 pm) will be devoted to another exciting symposium on the **NCDDGs program**. In the afternoon there are oral presentations and poster session. The day will end with a fabulous traditional NC Bar-B-Q reception at the famous Fearington Barn. (*Details, p.7*)



Carolina Inn ... venue of the 44th Annual Meeting

Tuesday, July 15, 2003 ... A symposium on “**New Enabling Technologies for Natural Products Drug Discovery**” will be held in the morning session. The afternoon has been left free for delegates to join the optional tours of their choice to explore Chapel Hill and its environs. (*Details, p.7*)

Wednesday, July 16, 2003 ... morning is set aside for talks by award recipients. In the afternoon there will be a special tribute to late Dr. D. J. Faulkner, Research Achievement Awardee for 2003, by his former students. The Annual Business Meeting will take place between 3 - 5pm. The meeting will conclude that evening with the Annual Banquet.

☐ IMPORTANT DATES

(July 12-16, 2003, ASP Meeting)

| | |
|---------------|-------------------------------------|
| May 16 | Deadline for early registration |
| May 16 | Due date for all abstracts |
| June 20 | Deadline for dorm room reservation |
| June 20 | Cut off date for hotel reservations |
| July 12 | ASP Executive Committee Meeting |
| July 12 | Opening Reception |
| July 15 | Optional Tours/Activities |
| July 16 | ASP Business Meeting |
| July 16 | Annual Banquet |

FOR MORE INFORMATION...

Nick Oberlies, Ph.D., (Chair, Org. Com.)

Ph: 919-541-6958; Email: oberlies@rti.org

☐ VENUE

The venue for the meeting is Carolina Inn, in the heart of the campus of University of North Carolina, Chapel Hill. It has over 180 guest rooms, a 4-star restaurant, and a full-service bar, besides lecture halls and other facilities. For more details visit: www.carolinainn.com

For event updates and to register on-line visit ASP website:

www.phcog.org/AnnualMtg/NorthCarolina.html

... 44th Annual ASP Meeting - 2003 ❄️

❑ WHAT YOU SHOULD KNOW ABOUT CHAPEL HILL

Chapel Hill, long known as the Southern Part of Heaven, sometimes called the perfect college town, is home to the University of North Carolina at Chapel Hill, the country's first state university, which was chartered in 1789. Other claims to fame are Coach Dean Smith's unrivaled record for Tar Heel basketball and one of its most famous alumni Michael Jordan. Chapel Hill offers numerous features of interest including Franklin Street, named for Ben Franklin, in the heart of a vibrant downtown offering lots of dining and entertainment options. The older streets are lined with historic homes and charming cottages, and there is no shortage of attractions of interest to suit nearly any visitor's tastes. (www.chocvb.org)

❑ WEATHER AT CHAPEL HILL

July weather in Chapel Hill is usually hot and muggy, with the daytime temperature averaging around 87° F (31°C). In the late afternoon, it can get even hotter. Afternoon thundershowers are common. Conference rooms are air conditioned. Please dress comfortably. You may also bring an umbrella.

❑ TRAVEL

The closest airport to Chapel Hill, NC, is the Raleigh-Durham International Airport (RDU), approx. 20 miles from Chapel Hill (~30-minute drive) and served by all major airlines. The Piedmont Triad International Airport (GSO) may be considered an alternate airport. The one-way price to points in Chapel Hill from RDU Airport should range from \$30 to \$32, not including tip. We are negotiating a discount rate for transportation to Chapel Hill on Sat. July 12th and to RDU on Thurs. July 17th.

Parking in Chapel Hill will be limited, especially on campus. Parking fees are charged during the day and for overnight guests at The Carolina Inn. Use of shuttle or cab service is encouraged.

**Full registration fee includes a daily continental b'fast, afternoon drinks, snacks at receptions, Monday BBQ dinner and Wednesday Banquet. For students and post-docs, all of the above & YMC reception, except Wed. Banquet.*

❑ HOW TO REGISTER... ?

Register now to attend the conference at Chapel Hill, NC. Early registration, before May 16, will save money. Payments can be made by Credit Card or Check payable to ASP. **There are four ways to register:**

- ◆ **Register on-line ...** at www.phcog.org/AnnualMtg/NorthCarolina.html, and pay using a credit card. To be eligible for the early registration, **you must register by May 16, and your payment (check or credit card) must be received by May 30, 2003.** *Payments dated or post-marked after May 30th are due at the regular registration fee*.*

Purchase orders are not accepted.

- ◆ Use the Registration Form found on page 8 of this newsletter. Follow the details and mail to Dr. David Slatkin, Treasurer, ASP. (Address is on the form)
- ◆ **Download the PDF version of the registration form from the ASP website**, fill it and fax or mail to **Dr. Slatkin, Treasurer of ASP.** (Address and Fax No. are on the form)
- ◆ **Onsite Registration...** will be available throughout the meeting at the ASP Registration Desk at Carolina Inn



Old Well... One of the most photographed spots on the campus of UNC.

□ SCIENTIFIC PROGRAM

This year's program features three exciting plenary sessions and a special symposium that will take the place of the traditional Address delivered by ASP Research Achievement Awardee...

Research Achievement Award - 2003 Symposium

*“On the Shoulders of Giants...
D. John Faulkner
and Marine Natural Products”*

The Research Achievement Award Symposium is a tribute to the late D. J. Faulkner in the form of presentations by his former students highlighting his research work ...

Tad Molinski, *Univ. of CA, Davis*

Chris Ireland, *Univ. of Utah*

Raymond Andersen, *Univ. of BC, Canada*

Carole Bewley, *National Institutes of Health*

Eric Schmidt, *Univ. of Utah*

Lyndon West, *Scripps Inst. of Oceanography*

1. New Developments in NCDDGs Program...

Keynote Speaker: Drs. Samuel J. Danishefsky, Columbia Univ. & MSK Cancer Center, NY; Yali Hallock & Gordon Cragg from NCI; Phillip Crews, Univ. of CA-Santa Cruz; Sidney Hecht, Univ. of VA; Chris Ireland, Univ. of Utah; A. Doug Kinghorn, UI at Chicago; & William Fenical, Univ. of CA, San Diego;

2. Metabolic Profiling (Metabonomics)...

Drs. Susan Sumner, Paradigm Genetics; Jeremy Nicholson, Imperial Col., London, UK; Jeffrey Blanchard, Nat. Center for Genome Resources; Lloyd Sumner, Samuel Roberts Noble Foundation; & Richard Trethewey, Max Planck Institute, Berlin, Germany.

3. New Enabling Tech. for Nat. Prod. Drug Discovery

Drs. Antony Williams,, Advanced Chemistry Development, Inc.; Thomas Williamson, Wyeth Research, Inc.; & Gary Kruppa, Sandia Nat. Labs.

For more details, visit:

www.phcog.org/AnnualMtg/Generalprogram.html



ASP 2002-YMC Mixer at New Brunswick, NJ...

□ LODGING

The organizing committee has made arrangements for accommodation for delegates at several local hotels including the **Carolina Inn ...** 211 Pittsboro Street (1-800-962-8519 or 1-919-933-2001), the main venue of the meeting. **Identify yourself at check in as an ASP delegate to obtain the special rate.** The Carolina Inn has a limited number of rooms available. (\$125 for single room, \$135 for double room.)

For all hotels, reservations must be made by June 20, 2003, and guaranteed with a major credit card. Sharing of rooms is encouraged.

- ◆ **Sheraton Chapel Hill Hotel ...** One Europa Drive \$ 99 single or double room (800-325-3535 or 919-968-4900).
- ◆ **Best Western University Inn ...** located on Highway 54 East in Chapel Hill. \$ 78 single, \$ 89 double -- with breakfast. (919-932-3000)
- ◆ **Rooms at a U of NC, Chapel Hill dormitory ...** on South Campus, have also been arranged at \$ 55 single or double (no taxes). These rooms must be requested using the ASP Registration Form and paid for at the same time as your conference registration fee.

Other Chapel Hill hotels include...

- ◆ **Days Inn ...** 800-329-7466
- ◆ **Hampton Inn ...** 800-426-7866
- ◆ **Holiday Inn Chapel Hill ...** 888-452-5765
- ◆ **The Siena Hotel ...** 800-223-7379

□ WHAT WOULD YOU LIKE TO EXPLORE ...

Various activities have been planned throughout the duration of the meeting besides the Banquet on **Wednesday July 16, 2003**.

- ◆ **Traditional NC Bar-B-Q ...** On Monday evening, July 14, plan on some 'serious fun' and enjoy Southern hospitality at a traditional North Carolina barbeque dinner with music and dancing at the Fearington Barn. Located on farmland dating to the 1700s, you can feast on barbeque meats, and lots of vegetables. Also, check out the scenery including their famous Belted Galloway ('oreo') cows "you've gotta see 'em to believe". A local traditional clogging dance troupe will perform and teach you all you need to know to have a big time to great live, upbeat music that will keep toes tapping you'll have trouble sitting still. Motor coaches have been arranged from the Carolina Inn to get you there and back.
- ◆ **Younger Members' Committee (YMC) Mixer ...** YMC held its first 'Career Night' at 2002-Annual ASP Meeting at New Brunswick, NJ (*see ... photo on page 6*), attended by over 100 students and post-doctoral fellows. At the ASP-2003 Meeting the YMC will be hosting an evening for the students and postdocs on Sunday, July 13. Tickets for this event will be available on Saturday and Sunday (July 12 & 13).
We encourage students and postdocs to become members for the 2004 - YMC.
Contact: **Melany Puglisi**, mpuglisi@lecom.edu.

□ Optional Tours

A variety of optional tours have been arranged for **Tuesday afternoon, July 15**. **Please pre-register for your preference**. Transportation will be provided for each tour. More information may be obtained at the conference as to where and when to meet the bus for each option:

- ◆ **Tour of the NC Botanical Garden and Coker Arboretum ...** Cost: \$30. (www.ncbg.unc.edu)
- ◆ **Tour of the Duke Primate Center and Sarah P. Duke Gardens. ...** Cost: \$30.
(www.duke.edu/web/primate/)
- ◆ **Morehead Planetarium Shows ...** Cost: \$10.
(www.morehead.unc.edu/)
- ◆ **RTP and RTI Tours ...** Cost: \$20.
(www.rti.org/NaturalProducts)
- ◆ **Goat Lady Dairy Tour & Cheese Tasting...** Cost: \$30. (www.goatladydairy.com/index.html)
- ◆ **Canoe Trip on a river in NC ...** Cost: \$50.
- ◆ **Golf at UNC's Finley Golf Course ...** Cost: \$50.
(<http://tarheelblue.ocsn.com/finley/unc-finley.html>)

PS: Register for any of the tours at ...
www.phcog.org.annualmtg.northcarolina.html

ASP Honors Dr. D. John Faulkner ...

....Contd. from page 1

He revealed complex relationships between opisthobranch mollusks and their sponge prey, elucidated the structures of unusual terpenoid metabolites, complex alkaloids, polyketides and peptides from sponges, ascidians and mollusks and other invertebrates. Most recently, John was involved in unraveling the complex host-symbiont relationships of marine sponges and tunicates with microbes and specific localization of natural products within invertebrate tissues.

John was known to everyone in the chemistry community as a person of impeccable scientific training, prodigious research output, and outstanding achievements in the isolation and structure elucidation of marine natural

products. He was the author of over 300 publications in peer-reviewed journals, including *Science* and *Nature*. Perhaps the most visible of John's written contributions were the renowned series of reviews in marine natural products. These essential works that John wrote every year since the early 1980's, were published in the Royal Society of Chemistry series, *Natural Product Reports* and are among the most cited works in natural products chemistry. They continue to be invaluable aids to practitioners of marine natural products chemistry in the present day.

This year's ASP Research Achievement Award presentation at the Annual Meeting will honor John Faulkner's outstanding contributions with talks given by his former students. (*Details ...p. 6*)

(*A brief life sketch of Dr D John Faulkner was published in the winter 2002 issue of the ASP Newsletter.*)

Please join us in Chapel Hill this July for a fitting tribute to a great natural products chemist ... John D Faulkner

REGISTRATION FORM***44th Annual Meeting of the American Society of Pharmacognosy******July 12-16, 2003******The Carolina Inn, Chapel Hill, North Carolina***

First Name _____ M.I. _____ Last name (Family Name) _____

Company/Institution _____

Address _____

City/State/Country/Zip _____ Phone _____ FAX _____

E-mail _____

| Registration Fees | Before May 16 | After May 16 | |
|--------------------------|----------------------|---------------------|----------|
| ASP Member | \$ 400.00 | \$ 500.00 | \$ _____ |
| Non-member | \$ 500.00 | \$ 600.00 | \$ _____ |
| Postdoctoral Assoc. | \$ 200.00 | \$ 275.00 | \$ _____ |
| Student | \$ 150.00 | \$ 225.00 | \$ _____ |
| One-day rate | \$ 175.00 | \$ 200.00 | \$ _____ |

Cost for members and non-members includes all events. Cost for postdocs and students includes all events except the final banquet. One-day rate includes only the technical program.

- NMR workshop by Prof. William Reynolds... **Sat., July 12...** (\$25.00) \$ _____
- Please indicate if you want a vegetarian meal for the BBQ and banquet
- Please indicate below special needs (e.g., handicap access, hearing impaired) and be specific:

Extra Event Tickets (For guests and spouses)

Saturday Evening Mixer (_____ # tickets @ \$35.00) \$ _____

Monday BBQ (_____ # tickets @ \$60.00) \$ _____

Wed. Reception/Banquet (_____ # tickets @ \$80.00) \$ _____

TOTAL AMOUNT \$ _____

Check must be in U.S. dollars and payable through a U.S. bank. We regret that we do not accept purchase orders.

- Check is enclosed. Make check payable to **ASP**
- Charge total amount to Visa Master Card AMEX

Name on Card: _____ Phone #: _____

Card #: _____ Exp. Date: _____ Signature: _____

Please Register online: <http://www.phcog.org/AnnualMtg/NorthCarolina.html>

If not registering online, send to:

ASP 2003 Registration,
c/o Dr. David J. Slatkin, Treasurer
Midwestern University, College of Pharmacy
19555 N. 59th Avenue, Glendale, AZ 85308
PHONE: (623) 572-3500 FAX: (623) 572-3510

44th Annual Meeting of the American Society of Pharmacognosy
“The Changing Face of Natural Products Chemistry”
July 12-16, 2003
The Carolina Inn, Chapel Hill, North Carolina

ABSTRACT SUBMISSION FORM

Corresponding author or e-mail address:

Phone:

Fax:

Please underline preferred presentation format:

Oral

Poster

No Preference

Please underline one category that best describes the focus of your abstract:

Bioassay Method Development

Biosynthesis/Biochemistry

Biotechnology

Biotransformation/Metabolism

Chemical Ecology

Herbal Drugs/Nutraceuticals

Documentation of Plant Use

Isolation/Structure Elucidation

Phytochemistry/Systematics

Synthesis

Other (please specify):

Please underline the type of organism used in the research:

Bacteria

Fungi

Other Microorganisms

Marine Macroorganisms

Non-Marine Animals

Plants

Other (please specify):

This abstract is submitted by an undergraduate or graduate researcher, and it should be considered for the ASP Student Poster Awards

Title

OPTIONAL TOURS AND DORM ROOM REGISTRATION FORM**44th Annual Meeting of the American Society of Pharmacognosy**

Register Online: <http://www.phcog.org/AnnualMtg/NorthCarolina.html>

Dorm rooms on the campus of UNC will be available at a cost of \$55/room/night. Each room can accommodate 1 or 2 people. No taxes are charged but **you must register in advance**. Please indicate your arrival and departure dates. **The deadline for dorm room reservations is June 20.**

Arrival Date _____ Departure Date _____ Total Cost _____

| Tour # | Tour Name | Price | No. of Tickets | Amount |
|--------------------|---|-------|----------------|-----------|
| Tour # 1 | NC Botanical Garden and Coker Arboretum | \$ 30 | | |
| Tour # 2 | Duke Primate Center and Sarah P. Duke Gardens | \$ 30 | | |
| Tour # 3 | Morehead Planetarium Shows | \$ 10 | | |
| Tour # 4 | RTP and RTI Tours | \$ 20 | | |
| Tour # 5 | Goat Lady Dairy Tour and Cheese Tasting | \$ 30 | | |
| Tour # 6 | Canoe Trip | \$ 50 | | |
| Tour # 7 | Golf at UNC's Finley Golf Course | \$ 50 | | |
| TOTAL PRICE | | | | \$ |

First Name _____ M.I. _____ Last Name (Family Name) _____

Company/Institution _____

Address _____

City /State/Country/ZIP _____

Phone _____ FAX _____

Email _____

Check must be in U.S. dollars and payable through a U.S. bank. We regret that we do not accept purchase orders.

Check is enclosed. Make check payable to **ASP**

Charge total amount to Visa Master Card AMEX

Name on Card: _____ Phone #: _____

Card #: _____ Exp. Date: _____ Signature: _____

For convenience, please register online: <http://www.phcog.org/AnnualMtg/NorthCarolina.html>

If not registering online, send to:

ASP 2003 Registration,
c/o Dr. David J. Slatkin, Dean
 Midwestern University, College of Pharmacy
 19555 N. 59th Avenue, Glendale, AZ 85308

PHONE: (623) 572-3500 FAX: (623) 572-3510

ASP Research Achievement Award - 2004

The American Society of Pharmacognosy selects annually a recipient for the ASP Research Achievement Award. Candidates must be members of the Society who have made outstanding contributions to research on natural products. The award consists of an honorarium of \$2,500 and travel expenses to present the award lecture at an annual meeting of the Society.

Previous winners are:

1985 - Koji Nakanishi
 1988 - Heinz G. Floss
 1989 - Kenneth L. Rinehart
 1990 - Monroe E. Wall
 1991 - S. William Pelletier
 1992 - Henry Rapoport
 1993 - A. Ian Scott
 1994 - Paul J. Scheuer
 1995 - George Robert Pettit
 1996 - Meinhart H. Zenk
 1997 - John W. Daly
 1998 - Sidney Hecht
 1999 - David G. I. Kingston
 2000 - C. Richard Hutchinson
 2001 - Tom Mabry
 2002 - Richard Moore
 2003 - (Late) D. John Faulkner

Call for Nominations for 2004

Nominations for the 2004 award are due by **May 15, 2003** to the Chairman of the Research Achievement Award Committee and should consist of **a nominating letter, a curriculum vitae of the candidate, and letters from three individuals** who are familiar with the candidate's scientific accomplishments.

Nomination documents should be submitted in triplicate to:

Dr. Francis J. Schmitz

Department of Chemistry,
 University of Oklahoma

620 Parrington Oval

Norman OK 73019

Phone: 405-325-5561

Fax: 405-325-6111

fjschmitz@chemdept.chem.uoknor.edu



ASP -- Employment Service

The Society offers a placement service to aid our members in seeking positions or employees. **This service is available to ASP members and is free** to both the applicant and the prospective employer. The following services are available :

(1) Prospective employers can have positions posted for free at the ASP Employment site <http://www.phcog.org/positions.html>. The ad is typically 300 words or less, and should include appropriate contact information. Ads should be sent to Ed Kennelly as attached files (**Microsoft Word is the preferred format**). You may also send a logo to be included in the ad. Ads can often be posted within 2-3 business days.

(2) When the ASP Employment website is updated, members can be notified by e-mail if they so desire.

(3) ASP members can send resumes to Ed Kennelly. Resumes should be 1-4 pages, and may be

submitted electronically as attached files either as Microsoft Word document or as a PDF file. Resumes will remain on file for one (1) year, at which time it will be deleted. **All information submitted will be held in strict confidence.**

(4) ASP Employment Service will share resumes with prospective employers.

For further information, contact:

Edward J. Kennelly, Ph.D.

Department of Biological Sciences

Lehman College, City University of New York

250 Bedford Park Blvd. W., Bronx, NY 10468

Phone: 718-960-1105; Fax: 718-960-8236

E-mail: kennelly@lehman.cuny.edu

Visit the ASP Job Service Website at:
www.phcog.org/employment.html

ASP Welcomes New Members

FULL MEMBERS

Eugenio Sanchez

*Univ. de las Americas-Puebla
Cholula, Puebla, Mexico*

Bo Li

*Dept. of Biomed Sciences
College of Pharmacy
Univ. of Rhode Island
Kingston, RI*

Yanze Liu

*Bio-Org. & Nat Prod Lab, MRC 311
McLean Hosp. Harvard Med. School,
Belmont, MA*

Bao-Ning Su

Chicago, IL

Thomas N. Tiedt

Bradenton, FL

Venkata Sai P. Chaturvedula

*VPISU,
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**We hope to see our new members at the 44th Annual Meeting of ASP,
Chapel Hill, NC. July 12 - 16, 2003**

MEETINGS

Future ASP Meetings

2003 -

44th Annual ASP Meeting
July 12-16, Chapel Hill, NC

2004 -

International Research Cong. on Natural Products
(Hosted by ASP)
July 31-August 4, Phoenix, AZ

2005 -

46th Annual ASP Meeting
July 23-27, Corvallis, Oregon

2006 -

47th Annual ASP Meeting, Baltimore, MD

AAPS Meetings

May 12-13, 2003 – Washington DC

*AAPS Workshop on Bioanalytical Method
Validation for Macromolecules in Support of
Pharmacokinetic Studies*

May 19-21, 2003 – Whippany, NJ

*AAPS Workshop on Pharmaceutical Profiling
in Drug Discovery for Lead Selection.*
Co-sponsored with ACS Medicinal Chemistry
Division and SBS.

June 8-13, 2003 – Lansdowne, VA

*AAPS Pharmaceutical Technologies Summer
Conference: Advances in Wet Granulation
Technology for Solid Oral Dosage Forms*

Other Meetings

Sept. 16-18, 2003 – La Paz, Bolivia

2nd International Symposium Ethnobotany
For more details, contact: Ronald Chaves, Head
Secretariat, Email: simposio@racsa.co.cr

Sept. 26-Oct. 1, 2003 – Mauritius

*Global Summit on Medicinal Plants: 'Recent
Trends in Phytochemistry and Other Alternative
Therapies for Human Welfare'*
For more details, contact: Dr V Sivaram,
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DID YOU KNOW



- That NCCAM (Nat. Cent. for Complement. & Alternat. Med.) has issued a new Policy Announcement on the Quality of Natural Products?**

.... The policy states that the applicant is responsible for convincing the NCCAM and the National Institutes of Health (NIH) review committees that the products chosen are of sufficient quality to merit study as proposed. In addition, it suggests that the applicant seek testing of the product by an independent laboratory.

This document provides guidance on several issues that investigators who are seeking funding from NCCAM for studies involving natural products must consider when designing their studies and preparing applications. (Visit: nccam.nih.gov/research/policies/natural_products.)

- That New NCCAM Terms of Awards for Clinical Trials have been developed and are effective for awards made after December 1, 2002?**

....The terms apply to all NCCAM-supported trials of therapeutic or preventive interventions involving human subjects. They are designed to ensure compliance with Federal regulations to protect the safety of clinical trial participants and to ensure the high-quality conduct of trials. (Visit: nccam.nih.gov/research/policies/terms-of-awards.)

- That NCCAM has initiated, with the National Institute of Allergy and Infectious Diseases (NIAID), a Preclinical Antiviral Testing Program for Complementary and Alternative Medicine?**

....The program also collaborates with the U.S. Army Medical Research Institute on Infectious Diseases. It offers an opportunity for testing of potential CAM agents *in vitro* for their activity against various types of viruses, specifically category A, B, and C pathogens (as defined by the Centers for Disease Control and Prevention) and HIV. (Visit: nccam.nih.gov/research/news/antiviral.)

News For Researchers

FUNDING OPPORTUNITIES

A National Center For Complementary & Alternative Medicine's Initiatives

Two concepts were approved at NCCAM'S January Advisory Council Meeting . One will be funded as a “**contract**” and the other as a “**Small Research Grant**” (RO3). Please note, these will not be issued for several months. So keep in touch for further developments through the contact person.

(I) ANALYTICAL RESOURCE CENTER (ARC)

- The ARC would serve as a resource for the appropriate analysis of biologically active agents, especially botanical products, intended for study under any of a variety of NIH extramural or intramural funding mechanisms.
- This initiative would create a virtual or real analytical resource center to assure the character and quality of biologically active agents used in NCCAM-supported studies.

Objectives:

“To establish an analytical resource center with the capacity to:

- Characterize products based on a defined amount of a particular known component or group of components;
- Determine the quality or purity of products based on levels of pesticide, heavy metal, prescription drug, microbe and, and as necessary, other substances;
- Conduct tests of stability, dissolution and bioavailability;
- Perform basic pharmacokinetic studies to guide dosing in clinical trials;
- Carry out or manage other chemistry-manufacturing-control and non-clinical tests as determined by NCCAM;
- Maintain a reference library of tested products.”

CONTACT PERSON... **Marguerite A. Klein, NCCAM**

Email... Kleinm@mail.nih.gov

(II) CAM RESEARCH PLANNING GRANTS [(CRPG), (RO3)]

“This initiative will use the small research grant (R03) award mechanism to fund planning grants for a period of up to one year. Awardees will be solely responsible for planning, directing, and executing the proposed project. Relevant information regarding NCCAM research priorities and available funds will be posted on the NCCAM website when available.”

Objectives:

“The major goal of the CRPG is to support the planning and implementation of mutually beneficial research and research training collaborations between CAM institutions and conventional biomedical research institutions by:

- Further defining the research to be proposed in a subsequent competitive grant application(s);
- Developing and initiating a plan to build research infrastructure, including ways to address personnel and other resource needs, so that the future research can be successfully and ethically conducted.”

CONTACT PERSON... **Christine Goertz, D.C., Ph.D;**

Email... goertzc@mail.nih.gov

News For Researchers

B Novel Funding Opportunity --- A New Concept From NCI

Academic Public-Private Partnership Program and Planning (AP4) Grant

The National Cancer Institute (NCI) with the approval in March of its Board of Scientific Advisers, will pursue a novel idea, **Academic Public-Private Partnership Program and Planning (AP4)**, modeled somewhat after the National Science Foundation's 30-year old Industrial/University Cooperative Research Centers. NCI's idea is to create AP4 Centers (as Cooperative Agreements), based at academic institutions. The partnerships will be comprised of other academics, either big pharma, small companies and/or biotech companies, non-profit organizations, state and local governments, and disease-oriented charities.

AP4's purpose is to "**stimulate cancer intervention discovery and development at academic centers,**" by bringing together the necessary expertise and reduce the time required to translate novel drug discoveries into therapies. Research will occur at the Academic Centers with the advice and support of the partners and the NCI.

NCI anticipates that successful Centers would attract funding from industry and would be weaned away from NCI funding.

Each Center will have an Academic Director (AC), a Steering Committee chaired by the AC, and made up of all partners. The Steering Committee will review proposals for projects and present them to NCI.

This effort will begin with:

- (i) A one-year "planning grant" proposed by the academic director to bring together potential partners and put together the center application.
- (ii) The successful applicants to the Planning Grant will then proceed with a Center application.

NCI expects to fund 10-15 "Planning Grants" at a total cost of \$1.125 million, and 6 five-year Center Awards, at a first year cost of \$ 4.725 million.

- (i) **Planning Grant: Request for Applications**
 - ◆ *Application Due Date:* September 2003
 - ◆ *Award Date:* January 2004
- (ii) **Center Grants: Requests for Applications, Cooperative Grants**
 - ◆ *Application Due Date:* February 2005
 - ◆ *Award Date:* July 2005

C NCDDGs Up For Renewal (RFA)

NCI will soon be issuing a **Request For Application (RFA)** for the recompetition of its National Cooperative Drug Discovery Groups (NCDDGs)

- The duration of the award will be 5 years
- Application due date: At press time, this information was not available; it might be in the Fall of 2003;
- Award Date -- May 2005
- There will be 12 awards. \$12 Million / Year.
- Total cost is \$ 60 million over a five-year period. Currently, there are 13 groups, five of which are concentrating on natural products

This is an unique opportunity for researchers to get involved in the Drug Development Program. This program "PUBLIC PRIVATE PARTNERSHIP" (PPP) was created in 1982 to enhance the Discovery of New Anti-Cancer Agents and has been a very successful program. Watch for further announcements.

For further details contact:

Mary Wolpert, Ph.D;

E-mail: wolperrtm@exchange.nih.gov (301) 496-8783

TO

David J. Slatkin, Ph.D., Treasurer
The American Society of Pharmacognosy
P.O. Box 12548
Glendale, Arizona 85318-2548

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 \$35.00 per year. In order to receive the Journal of Natural Products the subscription rates are as follows: United States, Canada, and Mexico: \$86 (Print Edition), \$60 (Web Edition), \$146 (Both Print and Web); All other countries: \$129 (Print edition), \$60 (Web edition), \$189 (Both Print and Web).

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields only. These members are not accorded voting privileges. Dues are \$20.00 per year. In order to receive the Journal of Natural Products the subscription rates are as follows: United States, Canada, and Mexico: \$65 (Print Edition), \$60 (Web Edition), \$125 (Both Print and Web); All other countries: \$108 (Print Edition), \$60 (Web Edition), \$168 (Both Print and Web).

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. Emeritus members may subscribe to the Journal of Natural Products at the Full Member rates.

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. Arnold Brossi, *National Institutes of Health, Maryland* • Dr. David P. Carew, *University of Iowa*
- Dr. Norman R. Farnsworth, *University of Illinois* • Dr. R. Hegnauer, *Leiden, Netherlands*
- Dr. Albert Hofmann, *Switzerland* • Dr. S. William Pelletier, *University of Georgia*
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- Dr. E. John Staba, *University of Minnesota* • Dr. Hildebert Wagner, *University of Munich*
- Dr. Mansukh Wani, *Research Triangle Institute, NC*

Additional information about membership may be obtained by writing to the Treasurer of the Society:

David J. Slatkin, Ph.D., Treasurer, The American Society of Pharmacognosy,
PO Box 12548, Glendale, AZ 85318-2548

ASP Newsletter

Renuka Misra, Ph.D., Editor

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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