



THE AMERICAN SOCIETY OF PHARMACOGNOSY

THE ASP NEWSLETTER VOLUME 45 ISSUE 2

ASP 50th Anniversary Meeting

The scientific program for ASP's Golden Anniversary celebration, June 27- July 1, 2009, is now set. The meeting program will actually begin Saturday evening, June 27, with a reflection on the history of the ASP, to be followed by the welcoming reception.

The scientific program begins in earnest on Sunday morning, June 28, and will consist of the Matt Suffness Award, Norman R. Farnsworth Research Achievement Award, and Tyler Prize presentations and lectures, 10 invited speakers, 72 contributed short talks and 543 posters in three sessions. The Suffness Award winner is Dr. Shengmin Sang of North Carolina Central University, while Dr. Kuo-Hsiung Lee of the University of North Carolina is receiving the Norman R. Farnsworth Research Achievement Award. Dr. Adolf Nahrstedt of the University of Muenster will receive the Tyler Prize for research on botanicals.

Invited speakers include Drs. Bradley Moore, Scripps Institution of Oceanography and University of California at San Diego, San Diego, California, Franz-Josef Marner, University of Cologne, Cologne, Germany, Cindy K. Angerhofer, Aveda Corporation, Blaine, Minnesota,

continued on page 3

by Dr. John Cardellina



Waikiki Beach, the location of the 50th Anniversary ASP Meeting.

IN THIS ISSUE

Summer 2009

Features

ASP 50th Anniversary Meeting
ASP's New Website

1
1

Announcements

Hamilton College Celebrates Dr. Kinnel
Excerpts from the ASP Anthology
2008 Schwarting and Beal Awards
In Memoriam: Dr. Jack K. Wier
ASP Archives to Lloyd Library
JNP Honors Dr. Kingston

7
8
12
12
13
14

Departments

Editors Corner
Contributor's Corner
Conference Calendar
Behind the Scenes in Pharmacognosy
From the Archives
Membership Information

2
2
15
16
17
18

The Making of ASP's New Website

by Mr. Jeremy Beau

The ASP website has undergone a dynamic change. Phcog.org now has a colorful new look with beautiful photos and an exciting new layout! ASP's website designer and ASP Past President Dr. Bill Baker's graduate student, Mr. Jeremy Beau, tells the Newsletter how he conceptualized and built ASP's new online image.

The ASP began the web page redesign project to update the look and feel, advance the functionality, and re-investigate the user flow of the site. The site needed to be made more dynamic and more manageable. While many at the ASP felt that the original site was easy to navigate, the consensus with newcomers was that it was not so intuitive, and that it did not encourage repeat viewing.

As a natural products chemist and web designer, I became very interested in working on this project. Before this, I had worked with several organizations to help them better understand their web presence and implement improvements. Thus, I created a proposal for the new face of the ASP website. Dr. Bill Baker, my advisor, introduced me and passed the proposal to the ASP Executive Committee. The members were enthusiastic about my ideas and I was selected to begin the work.

The first item of business was the aesthetics of the web page. So far, the only graphical representation of the ASP was its logo. The *ASP Newsletter* had a nice updated version of the logo so it was important to make the same

continued on page 7

Editor's Corner



In this issue of the *Newsletter*, we anxiously anticipate the activities surrounding the 50th Anniversary of the Society. Drs. Roy Okuda and John Cardellina write about the extensive scientific and social activities that have been planned for this special Annual Meeting in Hawaii. There is still time to register!

It is amazing to consider the growth of the Society in the past 50 years. We chart our beginnings as a small outshoot of the Plant Science Laboratory Seminar. Our numbers have increased, and the scope and breadth of researchers in our Society have expanded in ways that few people could have predicted 50 years ago.

Dr. Gordon Cragg's history book of the ASP has now been shipped to all active members. It is a great achievement for our Society to have such a detailed and comprehensive book that documents our activities and achievements. In this *Newsletter*, we present the continuation of the March issue's excerpt from Dr. Cragg's book. In collaboration with *ASP Newsletter* Layout Editor Mr. James Lyles, Dr. Cragg has also created a wonderful timeline of the Society.

As part of the Society's 50th Anniversary, the ASP website has undergone a major revision. This work was spearheaded by Mr. Jeremy Beau, a younger member of the Society. The website is one of the first interactions many people have with the Society, and upgrading this resource is great for both members and nonmembers alike. Thanks, Jeremy, for your time and effort in making this a reality in such a short amount of time, and with such creative energy!

The *Journal of Natural Products* special issue honoring Dr. David Kingston is also described in this *Newsletter*. Dr. Kingston's commitment to the *Journal* and the Society are well known to many members, including his service as past President of ASP and Associate Editor of the *Journal of Natural Products*. We are pleased to profile one of the papers in this issue by Dr. John Beutler in our regular column, "Behind the Scenes in Pharmacognosy". *Journal of Natural Products* Editor, Dr. Douglas Kinghorn, also announces the winners of two important *Journal* awards in a separate article.

In this issue, Dr. Georgia Perdue takes a rest from her regular column, "Behind the Scenes in Pharmacognosy", and instead formulates an interesting "From the Archives" column that describes how a number of important members of ASP were coincidentally from the same little town in Massachusetts.

I look forward to seeing many members of the Society at the Annual Meeting. If you have comments or suggestions for the *Newsletter*, please either write to me at asp.newsletter@lehman.cuny.edu, or speak with me personally at the Meeting. Have a wonderful and productive summer.

EMPLOYMENT SERVICE

The Society offers 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 employer. For more information see the services website.

www.phcog.org/employment.html

NEWSLETTER STAFF

Edward J. Kennelly, Ph.D.
Editor-In-Chief

Amy C. Keller
Assistant Editor

James T. Lyles
Layout Editor

The contribution deadlines are:

Spring Issue	Feb.	15
Summer Issue	May	18
Fall Issue	Aug.	18
Winter Issue	Nov.	17

Please send information to:

Edward J. Kennelly, Ph.D.
Editor In Chief, *ASP Newsletter*
Department of Biological
Sciences
Lehman College, CUNY
250 Bedford Park Blvd. West
Bronx, NY 10468
718-960-1105
asp.newsletter@lehman.cuny.edu

ASP 50th Anniversary Meeting

continued from page 1

Tomas Hudlicky, Brock University, St. Catharines, Ontario, Canada, Hye Sook Yun-Choi, Seoul National University, Seoul, Korea, Justin Du Bois, Stanford University, Palo Alto, California, Daisuke Uemura, Keio University, Tokyo, Japan, Pei-Yuan Qian, Hong Kong University of Science and Technology, Kowloon, Hong Kong, Valerie J. Paul, Smithsonian Marine Station, Fort Pierce, Florida, and Rosario Rojas, Universidad Peruana Cayetano Heredia, Lima, Peru.

With the exception of some of the joint meetings with the European societies, this will be the largest program in the history of the ASP. Over 665 abstracts were submitted; more than 165 of those were requests for short oral presentations, prompting us to expand the number of sessions to accommodate additional short talks from a planned 63 to a total of 72 contributed oral presentations. The topics or themes of these contributed talk sessions represent the diversity of research conducted by ASP members and include ASP student research awards, microorganisms, pharmacology of natural products, bioactive constituents of plants, cyanobacteria, commercial botanicals, pharmacological screens and natural products, biosynthesis, chemistry and ecology of microbes and insects, unique approaches to natural product problems, marine natural products, synthesis of natural products and analogs, determining the absolute configuration of natural products, sessions in honor of Drs. John Daly and Richard Moore, and a provocative session on the continuing evolution of pharmacognosy.

This meeting will have a decidedly international flavor, with speakers from Canada, Mexico, Brazil, Tahiti, Japan, Korea, China, New Zealand, Australia, South Africa, Austria, Germany, Sweden, United Kingdom, and Israel, joining our American members to celebrate 50 years of research in and service to pharmacognosy.

ASP 50th Anniversary Meeting: Hawaii Information

by Dr. Roy Okuda

Aloha! From June 27-July 2, 2009, the ASP will celebrate the 50th Anniversary of our founding with a unique and historic meeting in Waikiki Beach, Hawaii. By all measures, this will be one of the most exciting meetings in the history of our Society. As of this moment, nearly 600 are registered to attend, representing 33 countries from every continent except Antarctica. The Presidents or representatives are being sent from six sister societies - Phytochemical Society of Europe, French Association for the Education and Research of Pharmacognosy, Society for Medicinal Plant and Natural Product Research, Italian Society of Pharmacology, the Korean Society of Pharmacognosy, and the Japanese Society of Pharmacognosy. An impressive scientific program, chaired by Dr. John Cardellina, includes 10 plenary speakers, three award presentations, 72 contributed oral talks, and 542 posters! It can be said that our meeting will be a truly *global* perspective of pharmacognosy!

Located in the middle of world-famous Waikiki Beach, the Sheraton Waikiki (SW) Hotel will be the official meeting venue for our meeting. We are very lucky to be holding our meeting at this period, as most of the hotel has completed a multimillion dollar renovation. All guest rooms have been updated, and the convention ballrooms just reopened in the past few months after major remodeling. Perhaps the most spectacular new feature of the SW is the brand new Helumoa Water Playground, a series of pools, water slides and jacuzzis set right at the edge of the Pacific Ocean. Two of our meeting events will be held here and it promises to be the most unique experience ever for an ASP meeting! Some renovations

are still ongoing, but the completed portions will more than make up for some small inconveniences. Nearly all of our meeting areas have an unobstructed view of Diamond Head and Waikiki Beach!

On Saturday, June 27 from 5pm to 7pm, Dr. Barry O'Keefe has organized a special program on the "50 Years of History of the ASP," featuring a multimedia program and speakers representing each of the five decades of the ASP. This program will give an informative and entertaining review of the Society from birth to the current status, and everything in between.

Immediately after the history program, the social program will begin with an outdoor opening reception on Saturday evening around the Helumoa Playground. You could be sitting right next to the ocean with your favorite drink in hand, watching for the "green flash" at sunset! Our special event for Monday night will be a Hawaiian luau

continued on page 4



The Helumoa Playground at the Sheraton Waikiki Hotel.

ASP 50th Anniversary Meeting: Hawaii Information

buffet, with food representing Hawaiian and other Pacific Rim foods. Entertainment will be provided by the spectacular Legends of Polynesia troop, and is not to be missed! The meeting will close with the ASP Annual Banquet on Wednesday evening, which will recognize the contributions of key members of the Society.

At least two workshops will be held on Saturday, June 27. A new workshop on dereplication methods will be run by Drs. Murray Munro and John Blunt of the University of Canterbury, New Zealand. There is no charge for this workshop but enrollment is limited to 25 people. A Single Laboratory Validation workshop will also be given, and is for anyone who performs, supervises, manages, audits, or oversees the validation of analytical methods for the quality control of dietary supplements. There is a fee of \$250 for this course. Information and registration on both workshops may be found on the meeting website.

As is traditional for the ASP meeting, Tuesday afternoons are left open for you to decide how you wish to spend your time. You may wish to lie on the beach, go shopping, or go sightseeing. Or, if you are interested, we have arranged for three excursions. First, the ASP Golf tournament: Dr. Robin Kinnel has arranged for a tee time in the afternoon at the Ewa Beach Golf Club. The package includes round trip transportation, green fees and club rentals. For information contact him at rkinnel@hamilton.edu.

Secondly, the Lyon Arboretum tour (\$15) will lead you through a tour of the University of Hawaii's research arboretum, which maintains a unique collection of Hawaiian and other Pacific region plants. Located in lush Manoa Valley, after touring the arboretum you may want to take a short hike to Manoa Falls, or relax in the Treetops restaurant.

Lastly, the Diamond Head Hike (\$10) will start from the inside of Diamond Head crater, and walk to the rim for a spectacular view of Waikiki and the surrounding city. Registration and payment for the Lyon and Diamond Head tours will be collected at the registration desk only. Both have limited capacity.

In addition, the Sheraton Waikiki Tour Desk maintains a schedule of a wide variety of tours of various types and durations. Information can be found on their site: www.sheraton-waikiki.com/act.htm. Advance registration is recommended for all tours, and these tours are available on most days of the week.

One place to look for ideas on activities is: www.101thingstodo.com/hawaii/oahu/index.php



For a fun thing to do, investigate this live webcam of Waikiki, not far from SW. Once in Waikiki, people can give their friends the URL, or Google "Waikiki beach webcam," then stand in front of the Duke Kahanamoku statue on Waikiki Beach and wave at them, wherever in the world they are.
www.honolulu.gov/multimed/waikiki.asp



Diamond Head

Other Useful Information

Getting from the Honolulu Airport to the Sheraton Waikiki or other hotels.

Most hotels in Waikiki do not offer their own shuttle service, but there are other good options. These are described in detail on the "Travel" link on the meeting webpage: www.phcog.org/AnnualMtg/Air_Travel_and_Local_Trans.html

Climate

Generally, daytime temperatures will be in the 80s (F) and evenings in the 70s (F). If the trade winds are blowing, humidity is moderate.

Currency Exchange

The SW is able to exchange most major world currencies. Currency exchange kiosks are available at the Honolulu Airport and at various locations in Waikiki. ATMs are common throughout the area.

Childcare

Childcare services are available at the SW through Poppins Day Care: www.sheraton-waikiki.com/act_keiki_aloha.htm

continued on page 5

ASP 50th Anniversary Meeting: Hawaii Information

continued from page 4

Internet

The meeting will have an Internet Café available until 6pm for most days of the meeting. Wireless internet service is available in guest rooms for approximately \$13/day. Internet kiosks are scattered throughout Waikiki.

Parking

Parking is available at the SW at \$20/day (self park) or \$27 (Valet). Parking is not included for guests staying at the SW. It is recommended that you rent a car for only the days you need one. Rental agencies are scattered throughout Waikiki.

Wheelchairs

If you need a wheelchair during your stay, contact Guest Services for rates and reservations: (808) 922-4422

Things to Pack

Hat, sunglasses, and sunscreen lotion.

FOOD

Hawaii is also known as the “Melting Pot of the Pacific” and this is most evident in the wide range of food offerings that you will find in the islands. Every type of cuisine you have heard of, and some you never heard of, can be found in the Islands. Let your eyes and nose be your guide, but you very likely will find a new favorite dish during your stay!

Hawaii has some unique dishes and unique adaptations of other dishes. Some to watch for include:

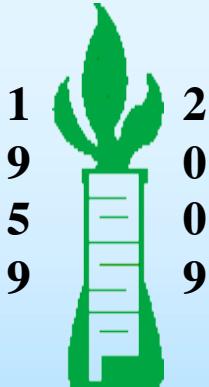
- kalua pork - traditionally a whole pig cooked in an *imu*, or underground oven created by heated lava rock.
- lomi lomi salmon - the Hawaiian version of seviche, made with vinegar and lemon “cooked” salmon and spices.
- poi - mashed taro root, may be fermented. Arguably an acquired taste!
- haupia - coconut pudding. Yum!
- shaved ice - “snow cones” but with a unique Hawaiian twist. Try it with sweetened adzuki beans, and with multiple flavors.
- spam musubi - slice of spam on a block of rice, sometime wrapped with nori (seaweed).
- loco moco - scoop of rice, hamburger patty, and egg over easy, smothered with brown gravy.
- plate lunch - usually, two scoops rice, macaroni salad, and a meat or vegetarian entrée, good portable food to eat on the beach!

For those on a budget, the good news is that it IS possible to get decent food in Waikiki for about \$10 or less per meal, not counting alcohol. Several food courts exist within a five-minute walk of the SW, and here you can find familiar outlets as well as ones that are unique to Hawaii. Recent renovations and new construction have resulted in dozens of new restaurants of all price ranges to open next to the SW, so your problem is not finding where to eat, but which one you want to try today! If you have time to walk a little further or take a bus, the options multiply manifold. We will provide maps and information for restaurants, but if you want to preview the options now, you can go to Google Maps, and enter 2255 Kalakaua Avenue, Honolulu, Hawaii, 96815, then “search nearby” for restaurants.

If you REALLY want to try authentic Hawaiian food, the closest to Waikiki is Ono Hawaiian Food (726 Kapahulu Ave., about a 30 minute walk from the SW), but get there early as lines are usually out the door! It is a hole-in-the-wall but consistently gets high ratings from local folk. On the other end of the spectrum, Hawaiian Regional Cuisine is spearheaded by Sam Choy (580 N. Nimitz), Roy Yamaguchi (226 Lewers in Waikiki) and Alan Wong (1857 S. King). Reservations are recommended for these three!

The local Committee will have information and maps available to help you find a place to get food. It is not likely you will lose any weight after being in Hawaii, so start that diet after you return home!





The 50th Anniversary Meeting of the American Society of Pharmacognosy

June 27 - July 1, 2009 ♦Honolulu, HI

Fifty Years of Natural Products and Beyond: Celebrating the Golden Anniversary of the ASP

Confirmed Speakers:

Hye Sook Yun-Choi (Seoul National Univ.)

Justin DuBois (Stanford)

Franz-Josef Marner (Univ. Cologne)

Bradley Moore (UCSD / Scripps)

Tomas Hudlicky (Brock Univ.)

Valerie Paul (Smithsonian)

P.Y. Qian (Hong Kong Univ. Sci & Tech)

Rosario Rojas (U. Peruana Cayetano Heredia)

Daisuke Uemura (Keio Univ.)

Shengmin Sang (N. Carolina Central Univ.) - ASP Suffness Young Investigator

K.H Lee. (Univ. N. Carolina) - ASP Farnsworth Awardee

Adolf Nahrstedt (Univ. of Muenster) - ASP Tyler Award

Check the ASP website for updates www.phcog.org



Photo Credits: (1) Hawaii Tourism Authority/Joe Solem, (2-3) Hawaii Tourism Authority/Tor Johnson, (4) Hawaii Tourism Japan

The Making of ASP's New Website

continued from page 1

update on the website. In addition, we felt that adding a banner with pictures of natural product sources was important in making the site more attractive. For the pictures, I chose macroorganisms that would easily be recognizable as producers of natural product compounds. To keep things fresh, I added an image slideshow on the front page as well as an image gallery.



Mr. Jeremy Beau hard at work.

When shown the new website, ASP members waxed enthusiastic. ASP President Guy Carter related, "I think the new site looks great. Nice work." Dr. Baker mentioned, "I'm quite impressed with the new look of the website, especially as it represents a fresh and appealing face of the Society for its 50th Anniversary. I think it has the potential to capture the interest and imagination of those with an interest in natural products in a way the former site never inspired. That it comes from the imagination of graduate student from our own ranks makes it all the more special."

Part of the redesign was the implementation of new features. The Information Resources section of the site was improved to include an interactive ASP Events Calendar, updated news sections and a more user-friendly Employment Services page. However, this project was not just about adding new flashy features. When redesigning any website, it is important to look closely at each page of the current site and ask yourself "why does this page exist?" That allows you to identify the usefulness of the information and subsequently target the page to better accomplish its necessary goals.

When redeveloping the ASP site, I looked closely at the homepage and decided its focus should be about the news and announcements to keep the community informed. The concise top navigation links coupled with the left hand navigation menus allowed me to focus both on informational resources as well as the ASP member community.

ASP members seem happy with the new website. Dr. Guido Pauli commented, "Very nice job, Jeremy! All the elements are there, double navigation with top, left menus and elements you proposed. Actually, almost looks like a Joomla site to me ;)." Dr. Roy Okuda noted, "Visually and functionally, the new site is a huge improvement over the venerable ASP site. It served us well for a long time, but it is time to move on. It is no longer drab, and has a lot of eye appeal to draw people in. I like the scrolling photos and the list of current JNP abstracts, and the organization of the links into sections makes it easier to find information. There will be tweaking, of course, but the main framework is here." The site was built in modern web standards using XHTML, CSS, and JavaScript that is supported in all browsers on all platforms. This aspect was very important to both reach all users and to be easy to update. During the design, I frequently posted updates and asked for feedback from members. This step was critical in optimizing the website. The reception was excellent in all of the phases of development and the comments and suggestions were very helpful in making a site in tune with natural products scientists. It was a pleasure to work with everyone and in the end I think we built a great website together! ASP member Dr. Tadeusz Molinski noted, "A major improvement! I like it."

With the success of the ASP website, a friend and I founded a consulting company named Inverted Incorporated. We are working on several projects such as web design, cloud computing, green building, home automation, and hopefully, one day, natural products research. For more information, please visit www.inverted.com.

Hamilton College Hosts Celebration for ASP's Dr. Robin Kinnel

by Ms. Amy Keller

A celebration of the career of ASP member Dr. Robin Kinnel was held at Hamilton College, Clinton, New York, May 1-2, 2009. Dr. Jerry Meinwald of Cornell University, one of the founders of the field of Chemical Ecology, gave the keynote address.

Seminars over the weekend included ASP member Dr. Bill Baker, Dr. Jason Kingsbury, and Hamilton alumni, with musical entertainment provided by Dr. Meinwald.

There is a website for the celebration that includes a digital guestbook where visitors can leave a note or post pictures. If you would like to express your sentiments to Dr. Kinnel, this would be a great way to do so. The website can be found at <http://rkinnel.chem.hamilton.edu/>.

Dr. Ian Rosenstein contributed to this article

Excerpts from the ASP Anthology

This month, the official ASP History Book, complied in honor of ASP's 50th Anniversary, was mailed to current ASP members. In this issue of the Newsletter, we continue an excerpt of the book featured in our March issue. If you have not received the book, please contact ASP Treasurer Dr. David Slatkin at aspfcog@aol.com.

ASP HISTORY: 1976-1980

Gordon Cragg^a and Harry Fong^b

^aNatural Products Branch, NCI-Frederick, Maryland 21702-1201 and ^bCollege of Pharmacy, University of Illinois at Chicago, Chicago, Illinois 60612

1. Introduction

The period 1976-1980 saw a number of significant developments in the Society. The number of active and associate members grew from 314 in 1976 to 487 in 1980, while the annual dues rose from \$20 to \$25. In 1977, Jack Beal took over as the Editor of *Lloydia* from Art Schwarting who had served with distinction for 16 years. On January 1, 1979, the journal name was changed from *Lloydia* to the *Journal of Natural Products (JNP)*, with the approval of the Society and the Trustees of the Lloyd Library, Cincinnati, OH. *JNP* remains to-date as the official ASP publication. During this period, the number of papers published nearly doubled from 65 in 1977 to 116 in 1980. In 1978, the *Newsletter* edited by Ralph Blomster was reformatted to include five sections, and in 1979, Regional Correspondents in Africa (Sudan), Europe, the United Kingdom and the United States were appointed. Guidelines for the nomination and election of Honorary Members were established in 1977, and the Honorary Membership Review Committee was constituted in 1978. In 1980, criteria for evaluation of the qualifications of potential new members prior to acceptance were proposed. During this five year period the Ad Hoc Botanical Codex Committee under the chairmanship of Norman Farnsworth was very active in reviewing the scientific information available for a select number of widely used botanicals with a view to the preparation of monographs, and the Chairperson met with officials of the Food and Drug Administration to discuss the issues, and the possibility of obtaining funding for the project. In retrospect, the Society was 20 years ahead of its time in recognizing the potential impact of herbal medicine (botanical dietary supplements) in the US, for it was exactly two decades later (1996) that the Congress enacted the Dietary Supplements Health Education Act (DSHEA) for regulating the commerce and use of botanicals. The Botanical Codex would have served the American public well. Further details about the above issues are provided under the annual reviews, and the list of officers who served in leadership positions is given in the Table above, which also includes the location of the annual meetings and figures related to membership, numbers of papers published in the journal, and annual budgets.

ASP Meetings, Officers and Statistics: 1976-1980

ASP Officers, etc.	1976	1977	1978	1979	1980
Annual Meetings Location	Telemark Lodge Cable, WI	Olympic Hotel Seattle, WA	Univ. Oklahoma Stillwater, OK	Purdue Univ. West Lafayette	Fac. de Medicine Strasbourg
President	Philip Catalfomo	George Constantine	Heinz Floss	Harry Fong	James Robbers
Secretary	Jack Weir	Jack Weir	Jack Weir	Jack Weir	Larry Robertson
Treasurer	Lee Schramm	Lee Schramm	Lee Schramm	Lee Schramm	Lee Schramm
Exec. Comm election	Paul Schiff	John Rosazza	Michael Edwards	John Cassady	John Cassady
AGM Chr	John Cassady	Lynn Brady	George Waller	James Robbers	Prof. Anton
AGM Program Chr	Gordon Svoboda	Larry Robertson	Paul Schiff	C. J. Chang	Heinz Floss
<i>Lloydia</i> Ed.	Art Schwarting	Jack Beal	Jack Beal		
<i>J. Nat. Prod.</i> Ed.				Jack Beal	Jack Beal
Newsletter Ed.	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster
Auditing	Philip Babcock	Albert Awad	Albert Awad	Joseph Knapp	William Keller
Awards/Funds	Gerald Sullivan	Gary Elmer	Marilyn Speedie	Marilyn Speedie	Marilyn Speedie
Constitut/By-laws	Paul Schiff	John Rosazza	Robert Dobberstein	Robert Krueger	Ted Nettleton
Hon. Mem Com Chr				Gordon Svoboda	Lynn Brady
Membership	George Constantine	Heinz Floss	Harry Fong	James Robbers	Jack Weir
Nominations	David Carew	David Slatkin	George Hatfield	Jim Dusenberry	George Constantine
Patron membership	Alvin Segelman	Alvin Segelman	Alvin Segelman	Alvin Segelman	Alvin Segelman
Publicity Comm	Carlton Turner	Carlton Turner	David Slatkin	David Slatkin	David Slatkin
Resolutions	Joseph Schradie	Frank O'Connell	Jack Weir	J. Schradie	Peter Heinstein
ASP New Members	30	68	78	83	91
ASP Members	314	368	353	428	487
ASP Assets	\$34,874	\$42,413.	\$59,121	\$54,851	\$56,318
<i>Lloydia</i> Papers	65	89	106		
<i>J. Nat. Prod.</i> papers				122	116
Hon member elected	-	-	-	-	-

continued on page 9

Excerpts from the ASP Anthology

continued from page 8

ASP HISTORY: 2001-2005

Nicholas H. Oberlies^a and Jim McAlpine^b

^aNatural Products Laboratory, Research Triangle Institute, North Carolina 27709, and ^bThallion Pharmaceuticals Inc., Montréal, Québec, H4S 2C8.

1. Introduction

During 2001-2005 the Society enjoyed a steady growth in membership and stature in the academic community. The constitution and by-laws of the Society were revised and Fellowships of the Society were established to recognize sustained research achievement in the science. Whereas the annual dues remained constant at \$35 for 12 years, Society yearly expenses more than doubled from \$343,000 to \$770,000 in this 5 year period alone. This was made possible by transfer payments from the American Chemical Society as ASP's share of the profits from the *Journal of Natural Products* (JNP). However it had also involved considerable inroads into the Society's reserves and at the end of this period the Treasurer was warning that an increase in dues would be necessary, and this was implemented in the 2005 Annual Business meeting. Nevertheless, while the net assets fluctuated, the assets of the ASP Foundation as recorded at each midyear rose steadily from \$298,393 to \$472,388. This increase was due to the transfer of some of the JNP profits from the general funds, as well as donations to the Foundation by an increasing number of members. The *Journal of Natural Products*, the official ASP publication produced in collaboration with the American Chemical Society, continued to grow in stature, while not changing significantly in the number of manuscripts published; however the number of manuscripts submitted continued to climb from 639 in 2000 to 727 in 2005, but this was offset by a reduction in the acceptance rate from 71% to 65%. The Impact Factor of the Journal rose from 1.737 in 2001 to 2.267 in 2005 and the total number of cites of JNP articles almost doubled from 5,665 to 9,928. The Society's quarterly *Newsletter* was published as a 16 page glossy edition with religious punctuality in a very attractive format, and although this was admired by virtually the entire membership, the cost of producing and mailing it was raising questions of a move to electronic format and distribution.

During these years an ad hoc committee on an ASP Taxus Historical Marker was established under the leadership of John Beutler. The impetus for this came from some archive searching that John and Tom McCloud had done on the origin of the *Taxus brevifolia* bark sample from which Monroe Wall and Mansukh Wani had isolated the first sample of Taxol. Gregg Dietzmann undertook a liaison with the United States Forest Service and John, Tom, Gregg and the two authors of this section scoured a section of the Tatoosh mountains just prior to the Seattle Meeting in 2000 to scope out the actual site of the collection. It turned out to be virtually impossible to find the original collection site (near Packwood, Washington), as the roads in the area had been changed after Mt. St. Helens erupted in 1980. Moreover, in the area where the original collection was postulated, it was rather difficult to find any stands of *Taxus*. At last, the team found a suitable site for a plaque in the nearby La Wis Wis campgrounds. John and Gordon Cragg arranged for a memorial brass plaque to be erected there, which is surrounded by several choice *Taxus* trees. It was dedicated on August 22, 2002, 40 years to the day after the original collection, and just over a month after Monroe Wall passed away on July 3, 2002. Mansukh Wani was able to attend the ceremony and delivered a moving dedication. As part of this same committee, Nick Oberlies spearheaded an effort to have the Natural Products Laboratory at RTI named a National Historic Chemical Landmark by the American Chemical Society. This effort was championed by the local section of the American Chemical Society, which held a dedication ceremony in April 2003.¹ Several members of the ASP were in attendance, and John Cardellina as Past President delivered comments on behalf of the ASP.

Highlights of each of the particular year's activities and accomplishments are outlined after this table, which summarizes several key offices and parameters, hopefully in an easy access mode.

2. 2001 42nd Annual Meeting in Oaxaca, Mexico, July 14-18.

The Society's Annual Meeting this year was held at the Fortin Plaza and Mission de los Angeles hotels. The historical center of Oaxaca is a UNESCO Cultural Heritage of Mankind site. The meeting attracted 452 participants, including 121 grad students. The focus was on biological properties, isolation and structural elucidation of natural products from a wide variety of sources. Chaired by Raul E. Habib, ably assisted by Rachel Mata and Rogelio Pereda-Miranda, the meeting featured 4 symposia with 17 invited lectures, 42 contributed oral presentations and 268 posters. Not surprisingly, there was a high level of participation from scientists throughout the Latin American world. The ASP Research Achievement Award was presented to Tom Mabry and the Matt Suffness Young Investigator Award to Bradley Moore each of which addressed the meeting on their research achievements. The meeting included a visit to another nearby UNESCO World Heritage Center, Monte Albán, the archeological remains of what had been the center of the Zapotec civilization for approximately 1000 years from 500 BC and one of the earliest cities in Mesoamerica. Members enjoyed a gamut of gastronomic delights

continued on page 10

Excerpts from the ASP Anthology

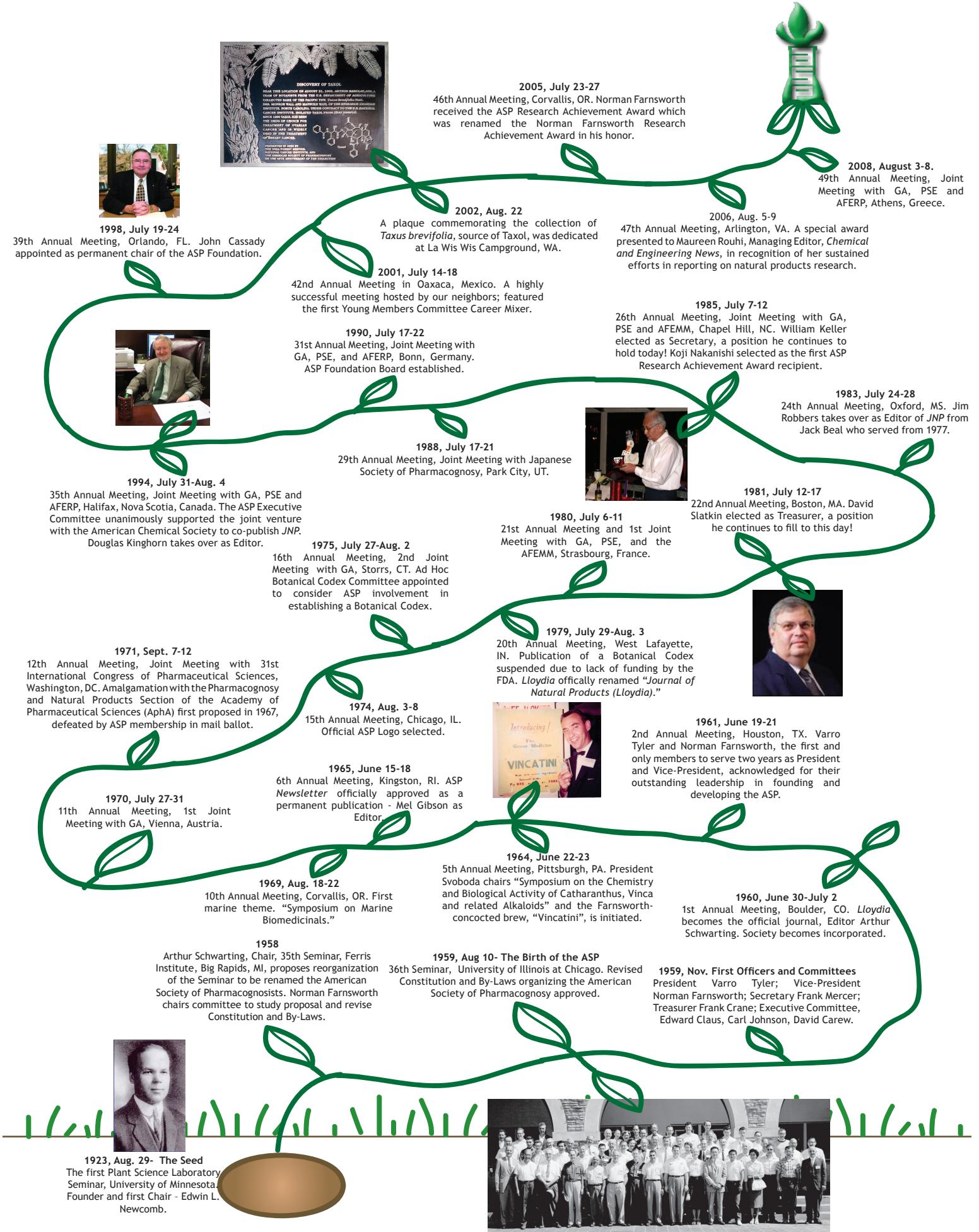
continued from page 9

starting with an opening reception at the Hotel Mission de los Angeles on Saturday evening, a Mexican buffet during a poster session on Sunday evening followed by La Guelaguetza (a regional Oaxacan party), a Calendas Night on Tuesday followed by an Oaxacan buffet at the Santo Domingo Convent, and a banquet on Wednesday at the Hotel Fortin Plaza. Of all of these, the party at the Convent was the most memorable, with a parade and fireworks and dancing that went on for several hours. At this meeting, Nick Oberlies and Melany Puglisi organized the first Younger Members Committee Career Mixers as an ice cream social, an event which has been perpetuated ever since. Deceased members remembered were Drs. Richard Schultes (Honorary member), Hoon Huh and Hirata.

ASP Meetings, Officers and Statistics: 2001-2005

ASP Officers, etc.	2001	2002	2003	2004	2005
Annual Meetings Location	Hotels Fortin Plaza & Mission de los Angeles, Oaxaca, Mexico	Hyatt Regency Hotel, New Brunswick, NJ	Carolina Inn and Morehead Planetarium Chapel Hill, NC	Westin Kierland Resort & Spa Phoenix, AZ	Oregon State Univ. Corvallis, OR
President	John Cardellina II	Bill Pelletier	Bill Gerwick	Jon Clardy	Jim McAlpine
Secretary	Bill Keller	Bill Keller	Bill Keller	Bill Keller	Bill Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm	Ted Molinski	Ray Andersen	Bill Baker	Ching-jer Chang	Phil Crews
AGM Chr	Raul E Habib	Ramesh Pandey	Nick Oberlies	David Slatkin	Mark Zabriskie
AGM Program Chr	Rachel Mata	Renu Misra	Cedric Pearce	Pedro Chavez	Bill Gerwick
<i>J. Nat. Prod. Ed.</i>	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn
<i>Newsletter Ed.</i>	Joy Reighard	Joy Reighard & Renu Misra	Renu Misra	Renu Misra	Renu Misra
Website Chair	John Beutler	John Beutler	John Beutler	John Porter	John Porter
Auditing	Ted Molinski	Tawnya McKee	Jon Anderson	Jon Anderson	Norman Farnsworth
Awards/Funds	Bill Gerwick	Brad Davidson	Brad Davidson	Tawnya McKee	Phil Proteau
Constitin/By-laws	Kathy Gloer	Roy Okuda	Pedro Chavez	Pedro Chavez	Nick Oberlies
Hon. Memb Com Chr	Chris Ireland	Jim McChesney	Chris Ireland	Jim McChesney	John Cardellina II
Membership	Bill Pelletier	Bill Gerwick	Jon Clardy	Jim McAlpine	Bill Fenical
Foundation Chair	John Cassady	John Cassady	John Cassady	John Cassady	John Cassady
Foundation Treas.	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
Nominations	Jim Gloer	John Cardellina II	Bill Pelletier	Bill Gerwick	Jon Clardy
RAA Committee Chr	John Pezzuto	David Kingston	Francis Schmitz	Jim Gloer	Jim Gloer
Publicity Comm	Barry O'Keefe	Barry O'Keefe	Barry O'Keefe	John Beutler	John Beutler
Resolutions	Cedric Pearce	Frank O'Connell	Cedric Pearce	Bill Baker	Pedro Chavez
ASP New members	108	90	122	145	125
ASP Members*	-1200	-1200	-1180	-1200	-1200
ASP Assets	\$206,821	\$243,637	\$239,267	\$338,803	\$197,394
Foundation/midyr	\$298,393	\$358,411	\$353,876	\$401,018	\$472,388
<i>J. Nat. Prod. Papers</i>	397	430	370	437	385
RAA Awardees	Tom Mabry	Richard Moore	John Faulkner†	Jon Clardy	Bill Fenical
Hon Memb Elected	-	Gordon Cragg	Harry Fong	David Slatkin	John Cassady

* These numbers are estimates since the number of lapsed members in the previous year was unknown, but total membership numbers have hovered around 1200 for several years.



2008 Schwarting and Beal Awards for Best Papers in JNP

by Dr. A. Douglas Kinghorn

The 2008 winners of the Arthur E. Schwarting and Jack L. Beal Awards have been announced. The paper entitled, "Determination of the absolute configurations of natural products using TDDFT optical rotation calculations" by authors Philip J. Stephens, John J. Pan, F. J. Devlin, and James R. Cheeseman, has been awarded the Schwarting Award. The winner of the Beal Award is, "Isolation and structural determination of malevamide E, a dolastatin 14 analogue, from the marine cyanobacterium *Symploca laete-viridis*" by Beatrice Adams, Peter Pörzgen, Emily Pittman, Wesley Y. Yoshida, Hans E. Westenborg, and F. David Horgen.

In 2001, the Foundation Board of the American Society of Pharmacognosy began a new initiative as a result of the Arthur E. Schwarting and Jack L. Beal Awards for best papers in the *Journal of Natural Products (JNP)*. In this manner, two former distinguished editors of *JNP* are fondly remembered. The Schwarting Award is open to all papers published in *JNP* within a given year (either in print or electronically). In turn, the Beal Award is awarded to younger investigators [i.e., persons within 12 years of receiving their Ph.D. degree or within 10 years of gaining their first professional appointment such as an Assistant Professor or an equivalent position in industry or government].

A two-tier process was used to determine the winners for papers published in *JNP* in 2008, with editors Daneel Ferreira, William H. Gerwick, A. Douglas Kinghorn, and Richard G. Powell having nominated two papers each for the Schwarting Award and one each for the Beal Award. ASP President Guy Carter then appointed an ad hoc committee, Ben Shen, Chair, Barbara Timmermann, and Shmuel Carmeli, to make the final selections.

The corresponding authors of these papers will be invited to attend the Banquet at the 50th Annual Meeting of the American Society of Pharmacognosy in Honolulu, Hawaii, June 27-July 1, 2009, to receive a check and a plaque in honor of this achievement. The above-mentioned papers may be accessed freely from the home page of the *Journal of Natural Products* at <http://pubs.acs.org/JNP>. Congratulations to Drs. Stephens and Horgen and to their co-authors!

In Memoriam: Dr. Jack K. Wier

by Ms. Amy Keller

The memorial service for the late Dr. Jack K. Wier took place on Wednesday, May 13, at 2 p.m. in the Randolph Few Chapel at Croasdale Village in Durham, North Carolina. Dr. Wier passed away at age 85 at the Duke University Hospital Sunday, December 21, 2008.

Dr. Wier was born in Cairo, Nebraska, on August 31, 1923. He served in the Navy during both the Second World War and Korean War. After his service he earned his B.S. in Pharmacy from the University of Nebraska in 1958. He then went to the University of Washington for his graduate studies, and he obtained his M.S. and Ph.D. degrees in Pharmacognosy, completed in 1959 and 1961, respectively, under the mentorship of Dr. Varro (Tip) Tyler.

A charter member of the ASP, Dr. Wier served as secretary in 1970-1979, then as ASP President from 1980-1981. Dr. Wier also chaired the ASP Local Program Committee twice when he hosted the Annual Meeting at the University of North Carolina in 1961 and an International Meeting in 1985.

In 1961, Dr. Wier started his teaching career at the University of North Carolina, rising through the ranks until he retired in 1987. In addition to being a popular teacher and prepharmacy counselor at the University of North Carolina, Dr. Wier was the computer expert for the College of Pharmacy in the early 1980s, and he was responsible for the introduction of computers into the student record system.

Dr. Wier is survived by his wife, Dixie, of Croasdale Village, Durham, North Carolina. The Wier family requests that memorials be given to the Alzheimer's Foundation of America or a charity of your choice.



Dr. Jim Robbers and Mrs. Varro Tyler contributed to this article.

ASP Transfers Archives to Lloyd Library

Lloyd Library and Museum and American Society of Pharmacognosy (ASP) Announce the Agreement for the Transfer of ASP Archives to the Lloyd Library and Museum, Historical Research Center for the Natural Health Movement

American Society of Pharmacognosy leaders and the Lloyd Library and Museum, under the leadership of Director Maggie Heran, recently finalized an agreement to transfer the archives of the ASP to the Lloyd Library, to make the Lloyd Library the permanent site for deposit of Society materials, and also to encourage ASP members to deposit their personal papers at the Lloyd Library. The Library already holds the papers of Varro "Tip" Tyler and Norman R. Farnsworth, both well-known pharmacognosists and founding members of the ASP. The Library is also the repository for noted pharmaceutical chemist George Rieveschl, Jr., the inventor of Benadryl. In addition to books, papers and photographs, the Library collects related historical artifacts, from old pharmaceutical bottles, especially those of the Lloyd Brothers, Pharmacists, Inc., microscopes and chemical scales, to larger items, such as the recently acquired large Soxhlet extractor, an important tool in the extraction of Taxol courtesy of the efforts of Nick Oberlies from Research Triangle Institute.

The American Society of Pharmacognosy was formed in 1959 as an outgrowth of the Plant Science Seminars, with Tip Tyler serving as the organization's first president. Its goal was to create a forum for the exchange of ideas and research advances among pharmacognosists, a goal which it continues to fulfill 50 years later. Archival materials are slated for transfer to the Lloyd Library in the upcoming year, as part of the ASP 50th Anniversary celebration. Other activities of the ASP in connection with the anniversary include publication of a book, "The American Society of Pharmacognosy. 50 Years of Progress in Natural Products Research, 1959- 2009," and the annual meeting of the society in Honolulu, Hawaii, in June of this year. This agreement presents an opportunity for all current and former members of ASP who may be holding historical materials to forward them to the Lloyd Library for inclusion in the ASP archival holdings. The Lloyd Library archival staff will sort and order all materials, making a finding aid available online, for researcher use around the world.

The Lloyd Library and its Historical Research Center for the Natural Health Movement, launched in 2008, seeks to collect historical materials, books, journals, and archival materials, that document the growth and changes within the natural health movement, including the development of drugs from natural sources.

In general, the Library holds, acquires, preserves, and provides access to both historic and current books and journals, as well as archival materials, on a wide variety of disciplines that fall under the subjects of natural history, botany, pharmacy, and medicine. Lloyd's resources are in fact an eclectic blend of a host of related sciences. Despite the scientific focus, the collections have relevance to the humanities, such as visual arts and foreign languages through resources that feature botanical illustrations, original artworks, and travel literature. The collection consists of over 200,000 volumes, with the earliest volume dating from 1493 to the most current published research in the fields of natural medicine, botany, and pharmacy. The Lloyd is open to the public and we invite you to explore this unique establishment.

Contacts

John A. Beutler

301-846-1942

beutlerj@mail.nih.gov

Maggie Heran

513-721-3707

mheran@lloydlibrary.org



Websites

ASP

www.phcog.org

Lloyd Library

www.lloydlibrary.org



March 2009 Issue of JNP Honors Dr. Kingston

by Ms. Amy Keller

The March 2009 issue of the *Journal of Natural Products* was dedicated to Dr. David G. I. Kingston, ASP Fellow, to honor a prolific and distinguished career in natural product chemistry. The honorary issue contains 21 full articles, 11 notes, eight contributed reviews, two invited reviews, and an editorial tribute from two ASP members Drs. Vanderlan da S. Bolzani and David J. Newman, together with Dr. A. A. Leslie Gunatilaka.



Dr. Kingston lecturing at Virginia Tech.

Dr. Kingston noted, "I was very pleased and honored to be selected for the celebratory issue, and I am grateful to Doug Kinghorn, Deneel Ferreira, Richard Powell, and Philip Proteau, together with the special editors Leslie Gunatilaka, Vanderlan Bolzani, and David Newman for their hard work in putting this together."

According to Dr. Kingston, "The contributions are all high quality ones, with many of the leading names in natural products research represented among the authors. I was pleased with both the number and quality of these contributions. Almost all the main authors are good friends of mine, and I have worked with some of them in the past. James Snyder and Sidney Hecht represent those I have collaborated with, while Vanderlan Bolzani, Leslie Gunatilaka, Gulacti Topcu, Gerald Hammond, Shu-Wei Yang, and Chang-Yih Duh all spent time in my laboratory."

Born on November 9, 1938, Dr. Kingston received a B.A. in Chemistry from Cambridge University in 1960. Dr. Kingston also earned a B.S. and Ph.D. from Cambridge in 1963, on the chemistry of aphid pigments. From 1963-1964, he served as Research Associate in Biochemistry at Massachusetts Institute of Technology, and in 1966 became an Assistant Professor at the State University of New York, Albany. He eventually moved to Blacksburg, Virginia, to be Associate Professor of Chemistry at Virginia Polytechnic Institute and State University. He became Full Professor in 1977, and University Distinguished Professor in 1999.

Dr. Kingston authored or co-authored almost 330 scientific publications, 30 book chapters, 16 patent applications, and a jointly edited book with ASP members Drs. Gordon Cragg and David Newman. Notably, Dr. Kingston worked on structure-activity relationships of paclitaxel, and was last year's recipient of the Ernest Guenther Award from the American Chemical Society.

When asked what lies ahead for pharmacognosy, Dr. Kingston replied, "Natural products drug discovery has a unique advantage over other methods of drug discovery in that natural products have an evolutionary history, and are uniquely designed to interact with various receptors. The future of natural products research will depend in part on taking advantage of the tools of modern genetics to manipulate species to produce cryptic metabolites that are not expressed under normal culture conditions. This approach is likely to yield a wide range of new natural products, some of which will most probably become drugs in the years ahead. This will most likely mean a decreased emphasis on plant products, since genetic manipulation of plants is difficult, and an increased emphasis on microbial natural products. However, as the tools for genetic engineering of plants improve, it is possible that a similar approach could work for plants in the future. The use of microbial species has a great advantage, however, that once an organism and culture conditions have been identified it is possible in principle to produce unlimited amounts of the desired metabolite."

As for the future of the *Journal of Natural Products*, Dr. Kingston mentioned, "The *Journal of Natural Products* is the premier journal in its field, and I do not see this changing in the future. Under Doug Kinghorn's able leadership it has grown in quality and impact factor every year for the last several years. It has the advantage of covering the whole field of natural products, from microbial, marine, and plant sources, as well as synthetic and biosynthetic studies. This breadth of coverage will keep it well positioned to retain its leadership role as the discipline of natural products research grows and matures."

Drs. Vanderlan da S. Bolzani, A. A. Leslie Gunatilaka, and David J. Newman contributed to this article.

Conference Calendar

The *Newsletter* is pleased to announce the following upcoming conferences and meetings. The events portrayed here reflect what listings and notices the *Newsletter* has specifically received. For a more extensive calendar, please visit the ASP website at www.phcog.org. If you have a conference or event you would like mentioned, please send us relevant information, including any graphics or appropriate fliers, at asp.newsletter@lehman.cuny.edu.

9th International Herb Symposium

Wheaton College, Norton, Massachusetts
June 19-21, 2009

www.internationalherbsymposium.com/index.html

Center for Marine Natural Product Drug Discovery Symposium

Seoul, Korea
September 16-18, 2009

www.cmdd.re.kr/english/

50th Anniversary Meeting of the American Society of Pharmacognosy

Honolulu, Hawaii
June 27 - July 2, 2009

www.phcog.org/AnnualMtg/Honolulu.html

6th Conference on Medicinal and Aromatic Plants of Southeast European Countries

Antalya, Turkey
April 18-22, 2010

www.6thcmapseec.org

57th International Congress & Annual Meeting of the Society for Medical Plant Research

Geneva, Switzerland
August 16-20, 2009

www.ga2009.org



Behind the Scenes in Pharmacognosy

The Curious Quassinoids

by Ms. Amy Keller

In the March 2009 *Journal of Natural Products* honorary issue to Dr. David G. I. Kingston, the article entitled, "Quassinoid inhibition of AP-1 function does not correlate with cytotoxicity of protein synthesis inhibition" by John A. Beutler, Moon-Il Kang, Francis Robert, Jason A. Clement, Jerry Pelletier, Nancy H. Colburn, Tawnya C. McKee, Ekaterina Goncharova, James B. McMahon, and Curtis J. Henrich, was published. The *Newsletter* interviewed first author and ASP member Dr. John Beutler, who took time out his busy schedule to give us insight into those unique compounds, the quassinoids.

How did you become interested in the bioactivity of quassinoids?

We screened both pure compounds and plant extracts in an assay for inhibitors of function of the transcription factor AP-1. There were two pure quassinoids from the NCI repository which were active, and a bunch of plant extracts from the Simaroubaceae, the only family known to make this type of compound.



Dr. John Beutler

Who in your laboratory carried out the research?

Screening was done by a Johns Hopkins master's student, Ms. Katie Ruocco, who worked in Dr. Nancy Colburn's lab and then came upstairs to run the assay. A Korean postdoc, Dr. Moon-Il Kang, in Nancy's lab, did most of the detailed characterization of the compounds, quassinoids and otherwise. Dr. Jason Clement, a postdoc and former graduate student of Dr. David Kingston, both ASP members, did bioassay-guided fractionation of an extract under fellow member Dr. Tawnya McKee's guidance. When we realized that we needed backup in the area of protein synthesis, I contacted Dr. Jerry Pelletier at McGill, and his postdoc, Dr. Francois Robert, ran assays to investigate that aspect of things. I was the traffic cop, organizer, and manuscript drafter.

Could you provide a brief explanation of the work and results in your own words? In what way are the data in your paper new?

A particular subset of quassinoids appeared to block the function of the transcription factor AP-1. The novelty was in identifying a few quassinoids that seem to have a different effect on cells than the very cytotoxic ones which went through clinical trials many years ago.

What impact does this research have from a health perspective?

It is hard to say at this time. Several well-known quassinoids failed in clinical trials years ago. It is not clear that protein synthesis inhibitors are going to be useful drugs for cancer. ASP member Dr. John Pezzuto's lab explored quassinoids a few years ago and found new biological activities. The basic point of the paper is that quassinoids probably do several things besides inhibiting protein synthesis in a nonspecific way. If we can tease those other mechanisms away from protein synthesis inhibition, we may have more useful drug candidates to test in cancer.

What is a favorite nonscientific activity of your lab?

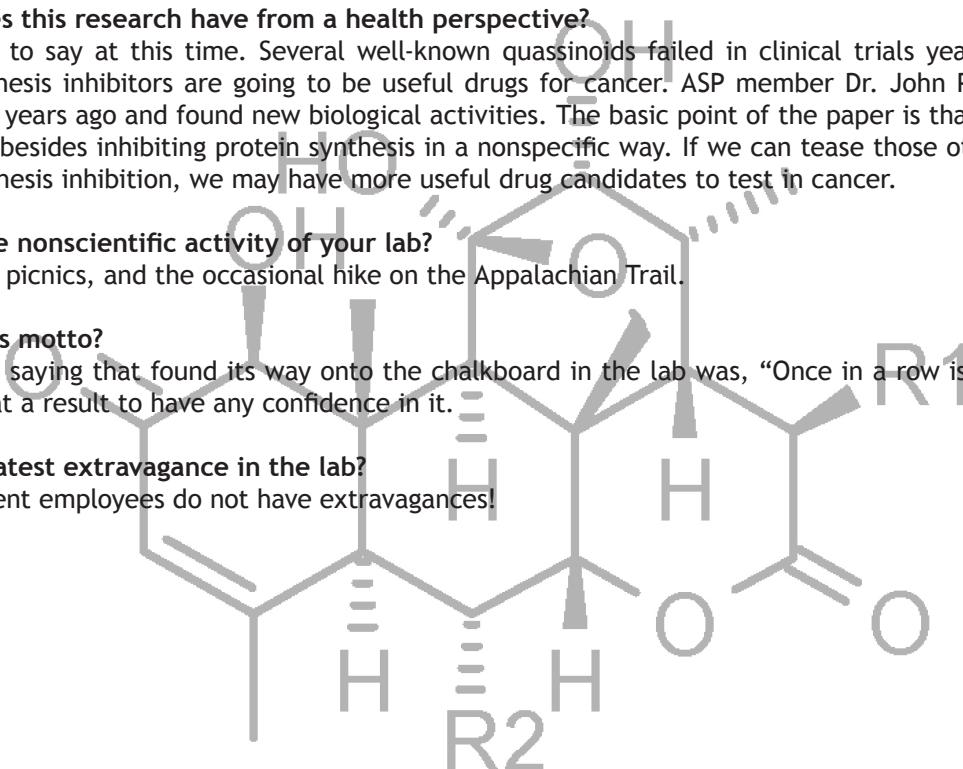
Paintball, picnics, and the occasional hike on the Appalachian Trail.

What is your lab's motto?

A random saying that found its way onto the chalkboard in the lab was, "Once in a row isn't enough." Meaning, you have to repeat a result to have any confidence in it.

What is your greatest extravagance in the lab?

Government employees do not have extravagances!



From The Archives

Welcome to Lynn, Massachusetts

by Dr. Georgia Perdue

Pharmacognosy has had many firsts, but one of the most unusual, probably eligible for "Ripley's Believe it or Not" is the fact that Lynn, Massachusetts, a historic town on the North Shore about 10 miles from Boston, was home to five accomplished pharmacognosists who all attended the Massachusetts College of Pharmacy (MCP). One can't help but ask, what was it about the teaching of Drs. Heber Youngken and Maynard Quimby? Members of this unique group are ASP members Drs. Ralph Blomster, retired, College of Pharmacy, University of Maryland, Baltimore, Maryland, Norman Farnsworth, College of Pharmacy, University of Illinois, Chicago, Illinois, and Georgia Persinos Bergstrom Perdue, who was Executive Director for Natural Products Laboratories, Rockville, Maryland, and Editor and Publisher of the newsletter *Washington Insight*, where she continues as Editor and consultant. Also attendees of MCP are Drs. Franklin Cole, retired, College of Pharmacy, Idaho State University, Pocatello, Idaho, and Frank O'Connell, School of Pharmacy, West Virginia University, Morgantown, West Virginia.

Dr. Farnsworth also received his Master's degree from MCP, Dr. Cole his Ph.D., and Dr. Perdue both her Master's and Ph.D. degrees. She had the distinction of being the first woman to receive a Ph.D. at MCP, which was unheard for that conservative New England college.

First settled in 1629, Lynn was named after the town of King's Lynn, England, the original home of this American town's first minister, Samuel Whiting. It was originally a community devoted to agriculture and fishing and later became a town based on leather tanning and the shoe industry. It is recorded that the first tannery in the United States was in Lynn in 1629, while shoemaking began in 1635.

In 1892 the city's Thomson-Houston Electric Company merged with the Edison Electric Company, to form the General Electric Company (GE). GE continues to serve as a major employer in this city of over 80,000.

A resident of Lynn, Ms. Lydia Pinkham, developed many natural product home remedies that later became the foundation for a successful family business in 1875. Reportedly, one of her ingredients in one of her most popular products for women, Lydia E. Pinkham's Vegetable Compound, is black cohosh.



Map by O.H. Bailey, 1879, not drawn to scale.

Ms. Amy Keller contributed to this article.



David J. Slatkin, Ph.D., Treasurer
The American Society of Pharmacognosy
3149 Dundee Road, #260,
Northbrook, Illinois 60062

ASP Membership

Full Membership

Full membership is open to any scientist interested in the study of natural products. Current membership dues and *Journal of Natural Products* subscription rates can be found at www.phcog.org/meminfo.html.

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields only. These members are not accorded voting privileges. Current membership dues and *Journal of Natural Products* subscription rates can be found at www.phcog.org/meminfo.html.

Emeritus Membership

Emeritus membership is open to retired members of the Society who maintained membership in the Society for at least five years. Current membership dues and *Journal of Natural Products* subscription rates can be found at www.phcog.org/meminfo.html.

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 R. Brossi, National Institutes of Health • Dr. David P. Carew, University of Iowa
- Dr. John M. Cassady, Oregon State University • Dr. Geoffrey A. Cordell, Natural Products, Inc.
- Dr. Gordon C. Cragg, National Institutes of Health • Dr. Norman R. Farnsworth, University of Illinois at Chicago
 - Dr. Harry H.S. Fong, University of Illinois at Chicago
 - Dr. James E. Robbers, Purdue University • Dr. E. John Staba, University of Minnesota
- Dr. Otto Sticher, Swiss Federal Institute of Technology • Dr. David J. Slatkin, Chicago State University
- Dr. Hildebert Wagner, University of Munich • Dr. Mansukh Wani, Research Triangle Institute

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,
3149 Dundee Road, #260, Northbrook, Illinois 60062. Email: asphcog@aol.com

