



# The American Society of Pharmacognosy

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Vol. 40  
No. 1



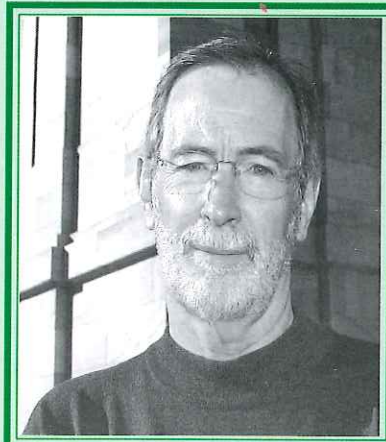
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2004

## Meet Jon Clardy... Our President *ASP - 2004 Research Achievement Award Winner*

The American Society of Pharmacognosy(ASP) selected Professor Jon Clardy of Harvard University, Boston, MA. as the recipient of the ASP-2004 Research Achievement Award. The award will be presented to Dr.Clardy at our ICNPR-2004 meeting at Phoenix, AZ.

This award, which is given by the society to the members who have made outstanding contributions to research on natural products chemistry recognizes the many years of exemplary publications of Professor Clardy on the chemistry of natural products, structure...

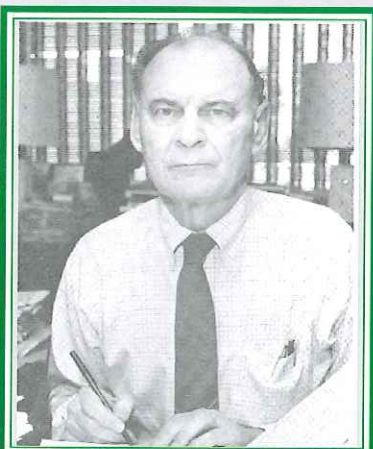


*Scientist Par Excellence...  
Dr. Jon Clardy*

*Continued on page 3...*

*See you in Phoenix, Arizona  
Details on pages 4-12*

## Dr. S. William Pelletier *will be deeply missed by the scientific community*



*Late Dr. William Pelletier ...  
an astute art collector*

S. William Pelletier, 79, Professor Emeritus of Chemistry at the University of Georgia, Athens, Georgia died February 21, 2004.

*"...As we unravel the structures of complex natural products and illuminate their fascinating chemistry, I am impressed over and over with the marvelous design and handiwork of the Creator..."* -Bill

A native of Kankakee, Ill, Pelletier served in the

*Continued on page 14...*

*This issue is dedicated to the memory of Dr. Bill Pelletier*

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## High Lights... Summer 2004 Newsletter

- ◆ OSU'S College of Pharmacy names First Beal Chair - Douglas Kinghorn...
- ◆ ASP Honorary Membership goes to Harry S. Fong...
- ◆ Jack Rosazza to step down as CBB Director.....
- ◆ Winners of 2004- Schwarting & Beal Awards...
- ◆ Over 60 New ASP Members
- ◆ New books

**& much more!!!**

## Editor's Corner

Dear Friends,

Greetings,

*The spring is in the air finally, with the long, dreary winter gone. The celebrant cherry blossoms have made their usual mark of beauty and fragrance in these environs. The brown meadows have turned lush and green. Yet I sense a sad feeling within me as if I have lost something very precious. The news of the demise of Dr. S. William Pelletier, President of ASP (2001-2002) is so heart breaking. I recall, in the last few years, ASP has lost a number of outstanding scientists. And now, Dr. Pelletier. To ASP & all of us, this is a great loss. Reminiscing of my association with Dr Pelletier, I vividly remember the time at the Oaxaca meeting in 2001... it seems like only yesterday... when he asked me to be the editor of the ASP newsletter. Dr. Pelletier was persuasive, persistent and determined until I accepted. Please join me in honoring him by remembering his own inspiring words, "We must do everything possible to take ASP to higher standards." If this issue were a bell, it tolls for Dr. Pelletier.*



*The ASP is committed to advancing the cause of Pharmacognosy in all its dimensions: from academy to industry, & from modern therapeutics to alternative and complementary healing. Our commitment is necessary specially because the discipline of pharmacognosy has been losing ground, as it is being dropped from the pharmacy curricula.*

*Today we stand at the cross roads where, although modern drug based therapy still holds the center stage, the demand for natural products for alternative or natural healing is becoming increasingly popular. It is time to expand the frontiers of traditional pharmacognosy by embracing the latest tools, techniques, & technology of modern drug discovery, manufacturing, & distribution. To our delight, the year 2004 finds us making headway towards these goals.*

*At this year's annual conference, ASP will host the 2004 International Congress on Natural Products Research (ICNPR - 2004) in collaboration with the European Societies from July 31 to August 4, 2004 at Phoenix, AZ. A pre-congress satellite symposium, "Forum on Critical Need for Pharmacognosy in Pharmacy Curricula," has been organized where many of the above issues will be discussed & solutions will be proposed for its revival. The decisions of the Forum will be submitted to various journals & academic institutions with action plans for preserving pharmacognosy as an independent discipline.*

*The spring issue is a reminder to all ASP members to plan your trip to attend the ICNPR-2004. Please review the details of the meeting inside and register today. Besides scientific program, various fulfilled group activities have also been planned.*

*We are looking forward to welcoming you at Phoenix, AZ with your family and friends. Come and enjoy the Congress, the western hospitality, and a grand exciting tour to the Grand Canyons.*

**Enjoy the spring; will see you in Phoenix, AZ.**

**Renuka**

## ASP- 2004 Research Achievement Award Winner...

*continued from page 1...*

elucidation, marine natural products, chemical ecology, and endophytic fungi.

Jon was born in Washington DC and grew up in Virginia suburbs. He received his BS degree in chemistry from Yale University and Ph.D. in organic chemistry from Harvard University. Jon began his career in "real" natural product research at Iowa State University as an assistant Professor in the Dept. of Chemistry. There he was introduced to Amaryllidaceae alkaloids by Bill Wildman and insect pheromones by Orville Chapman and Gery Klune. The alkaloids lead to the biosynthesis of complex structures and the pheromones, to the role of small molecules in carrying natural messages.

At Iowa State he began three longstanding collaborations on marine natural products with Bill Fenical, Late John Faulkner, and Late Paul Scheuer. One of the most important articles he published at Iowa State was on the X-ray structure of saxitoxin, the 'red tide' molecule whose structure had proved to be so difficult to characterize by other means.

In 1978 Jon moved to the Dept. of Chemistry at Cornell University, Ithaca, New York, where he worked on natural products, especially structure elucidation. He also served as the Chair of his department for five years and later as an Associate Dean in the College of Arts and Sciences. His work on structural problems involving proteins consisted of natural products bound to proteins, most notably FK506 bound to FKBP12 and fumagillin bound to MetAP-2. He also worked on the structures of several signaling and

biosynthetic enzymes and in the field of chemical ecology. One of his favorite papers from Cornell was on the structure of the pheromone binding protein from a silkworm moth with a bound molecule of bombykol, the mating pheromone. While at Cornell, he also started working on endophytic fungi, an interest that continues to this day.

In late 1992 his move to Harvard University Medical School in the Department of Biological Chemistry and Molecular Pharmacology opened up systematic screening efforts, large-scale DNA sequencing, and lots of biomedical collaborations, as well as renewed his interest in biosynthesis. His current research involves small signaling

**"...One of the most important articles ...was on the X-ray structure of saxitoxin, the 'red tide' molecule..."**

molecules from bacteria, fungi, and worms; DNA-based approaches to new natural products, and the introduction of natural products into an academic screening environment.

Jon has received several honors and awards throughout his career including: the John Simon Guggenheim Foundation Fellowship, Fellow of the American Association for the Advancement of Science and American Academy of Arts and Sciences, the Guenther Award in Natural Products (ACS), the Cope Scholar Award (ACS), and the Paul J. Scheuer Award in Marine Natural Products. Jon was noted as one of the 100 Most Cited Chemists by ISI and is a frequent speaker at universities and meetings.

Jon's extensive research in the structure elucidation of complex natural products using x-ray crystallography brought him great honor and recognition.

***Congratulations Jon on your Outstanding Achievements!!***

## The ASP Foundation News

It has become clear to the Foundation Board of Directors that the members who provide support beyond dues make a great difference. If you have not contributed to the Foundation during this Annual Fund Drive, please take a moment and join 44 of your friends and colleagues in contributing and helping further the aims of our Society. Gifts of any size are appreciated.

***Thank you for your consideration***



# The Grand Canyon Awaits You ...



*2004 International Congress on  
Natural Products Research, Phoenix, AZ.  
(Sat. July 31- Wed. August 4)*

## **A joint meeting of the**

**American Society of Pharmacognosy (ASP)  
Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie (AFERP)  
Gesellschaft für Arzneipflanzenforschung (GA)  
(Society for Medicinal Plant Research)  
Phytochemical Society of Europe (PSE)**

### **□ GENERAL INFORMATION**

The American Society of Pharmacognosy (ASP) hosts 2004 - International Congress on Natural Products Research (ICNPR-2004) in the exciting city of Phoenix, Arizona from **Saturday, July 31 to Wednesday, August 4, 2004**. The main venue of the meeting is the famous **"The Westin Kierland Resort & Spa" Phoenix, Arizona**.

A fascinating program with exceptional symposia speakers as well as funfilled social activities have been planned. **Complete meeting information is placed under the tab "ICNPR 2004" on the web site at: [www.phcog.org](http://www.phcog.org).**

Over 250 ASP members and non-members have already registered for the meeting. Join them by registering now and avoid the last minute rush. Don't miss the wonderful opportunity for the



*The Westin Kierland Resort and Spa...Venue of the meeting*

special events. Join us for dinner with your family and friends at Rawhide Western Town. Come and enjoy the exciting and elaborate trip to Grand Canyons.

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

**[www.phcog.org](http://www.phcog.org)**

# ... ICNPR - 2004, Phoenix, Arizona ❄️

## □ PROGRAM HIGHLIGHTS

A general outline of the program is as follows:

- ◆ **Saturday July 31...** The congress will officially convene at an evening **“Welcome Reception” (7-10pm)**. A new feature this year is a Pre-Congress satellite symposium on **“Classical Pharmacognosy Fourm: The Critical Need for Pharmacognosy in Pharmacy Curricula” (8:30-5:30 pm.)**
- ◆ **Sunday, August 1...** The opening session will occur in the morning (8am -12:15 pm) followed by the **Biotechnology Symposium**. In the afternoon there are **Contributed Oral Presentations and Poster Session-1** with wine and cheese reception. The evening is concluded by **Young Members Committee (YMC)** reception and mixer (9pm - 12am)
- ◆ **Monday, August 2...** The morning (8am -12pm) is devoted to another exciting syposium... **Herbal Symposium dedicated to Varro (Tip) Tyler**. In the afternoon you will enjoy the **Pharmanex Prize Presentation & Lecture & Poster Session 2** with refreshments. The day will end with a fabulous dinner at the **Rawhide Western Town (6pm -10pm)**.
- ◆ **Tuesday, August 3...** **Sand and Sea Symposium** will be held in the morning session. The afternoon is left free for the delegates to join the tours of their choice to explore Phoenix and its environs. (Details....Page 11)
- ◆ **Wednesday, August 4...** Morning is set aside for Oral Presentations/Talk by award recipients. In the afternoon there will be **ASP Research Achievement Award and Egon Stahl Award addresses**. The **ASP & GA annual business meetings** will take place between 2:30-4:30 pm. The meeting will conclude that evening with the **Reception and ASP Annual Banquet**.

## □ HOW TO REGISTER... ?

Register now to attend the conference at Phoenix, AZ. **Early registration, before June 1 2004, will save money.** Payments can be made by Credit Card or Check payable to ASP. **There are four ways to register:**

- ◆ **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)
- ◆ **Register on-line @ [www.phcog.org](http://www.phcog.org)** (Pay by credit card) **Purchase orders are not accepted.**

## □ IMPORTANT DATES

(ASP Meeting ... July 31-Aug 4, 2004)

June 1.....	Deadline for early Registration
June 1.....	Due date for abstract Submission
July 2.....	Cut off date for hotel reservation
July 31.....	Welcome Reception
July 31.....	ASP Executive Comm. Meeting
Aug 1.....	YMC Mixer
Aug 2.....	Dinner at Rawhide Western Town
Aug 4.....	Annual ASP Banquet

- ◆ **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 Westin Kierland Resort and Spa.

### Note:

- *To be eligible for early registration, you must register by June 1, 2004 along with your payments. ( Check or Credit Card). Payments dated or postmarked after June, 1 are due at the regular registration fee.*
- *Full Registration fee includes all food functions and the Classical Pharmacognosy Forum on Saturday July 31. Post Doctoral and Student registration includes the Forum and Welcome Reception on Saturday. Tickets for Rawhide and the Banquet are not included.*
- *One day registration includes only the technical program*

### For More Information:

**David J. Slatkin (Chair, Org. Com.)**

Tel: 623-202-3500; Fax:480-573-2782

E-mail: [asphcogaol.com](mailto:asphcogaol.com)

**Website: [www.phcog.org](http://www.phcog.org)**



# What Should You Know...?



## ❑ VENUE & ACCOMODATION

The International Congress on Natural Products Research (ICNPR - 2004) will be held at **The Westin Kierland Resort & Spa, 6902 East Greenway Parkway, Scottsdale, Arizona 85254**. Adjacent to this hotel is Kierland Commons ([www.kierlandcommons.com](http://www.kierlandcommons.com)), containing excellent restaurants and shopping. The room rates are \$119 for single/ double occupancy & \$139 for triple/quad occupancy plus tax. The Hotel Reservation Request Form (page 10) should be downloaded and sent by mail or fax (480-624-1244) to the hotel. Call toll-free at 800-354-5892 to make reservations. Identify yourself as ICNPR delegate to obtain the special rate.

**Reservations must be made by July 2, 2004** and guaranteed with a major credit card. After this date, reservations will be taken at the prevailing rate. **Details: log on to ([www.kierlandresort.com](http://www.kierlandresort.com))**

## ❑ WEATHER AT PHOENIX

The average temperature in Phoenix during July & August is hot with day time temperature - High... 100 °F ( 38 ° C ) & Low... 73 ° F ( 23 ° C ). During the summer months, the state can experience the monsoonal rains during the evening hours. However, conference rooms are air-conditioned. You may bring an umberella.

## ❑ TIME ZONE

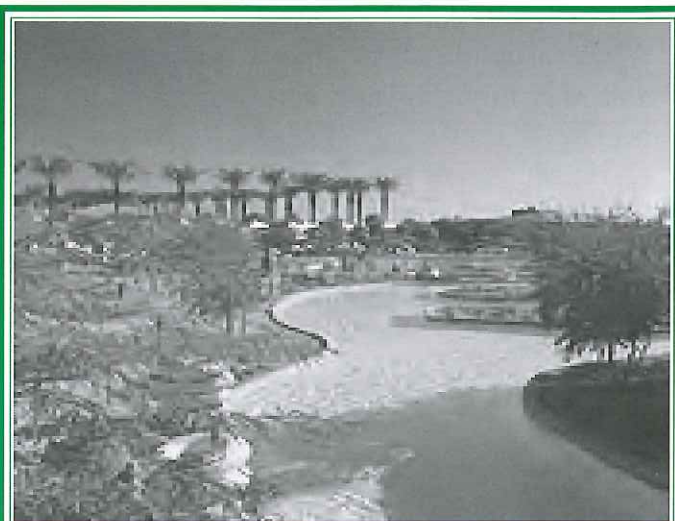
Arizona is in the Mountain Standard Time Zone. Most of Arizona does not participate in Daylight Savings Time in the summer. The exception is the Navajo Nation in the northeast corner of the state. For details visit:

[www.arizonaguide.com](http://www.arizonaguide.com)

## ❑ CITY OF PHOENIX

Phoenix city is a popular destination for vacationers who like sun and play golf, with first class resturants, hotels and resorts who cater to the need of families. Sun shines every day. It is a great place to bring family along. Grand Canyon, ranked one of the best tourist spot in the world is only three and half hours from Phoenix. There is no shortage of attractions of interest in Phoenix to suit nearly any visitor's tastes. Near by attractions are Las Vegas, Nevada; Los Angeles or Sandigo, California. For more information visit:

[www.visitphoenix.com](http://www.visitphoenix.com)



*Another view of Westin Kierland Resort & Spa... Meeting Site*

## ❑ DRESS CODE

The dress in Arizona is usually casual, with a emphasis on comfort. During the program session, shorts & sandals are appropriate. Bring your western wear for the dinner at Rawhide and please, **no ties for the Banquet or other Social Functions**. Also, **remember to bring a hat , sunglasses and sunscreen**.

## ❑ TIPS ON TIPPING

Tipping is voluntary in Arizona and generally not included in the bill. Usually, restaurant servers & taxi drivers are tipped 15 - 20%. Bellhops receive \$1-2 per bag taken to the room and airport skycaps are tipped \$1 per bag.

## ❑ TRAVEL & TRANSPORTATION

Phoenix's Sky Harbor International Airport is about 24 miles from The Westin Kierland Resort and Spa.

A special discount rate for transportation between Sky Harbor Airport and the Hotel via SuperShuttle has been arranged. One-way trip between the Sky Harbor Airport and the Hotel will cost \$13 (not including tip). Be prepared to pay \$13 in cash plus tip, which is at your discretion. Information on arrival and departure procedures as well as the *Discount Coupons* can be downloaded.

If you are traveling by car, the Westin Kierland Resort and Spa provides free self-parking. For directions to the Westin Kierland Resort & Spa from Sky Harbor Airport log on to:

[www.kierlandresort.com](http://www.kierlandresort.com)

# ❄ Scientific Program ... ICNPR 2004 ❄

## The Symposia

This years program features three exciting symposia besides ASP Research Achievement Award & Egon Stahl Award addresses, the Pharmanex Prize Presentation & lecture, two Poster Sessions (1 & 2) as well as several Contributed Oral Presentations. A pre-congress Satellite Symposium on Classical Pharmacognosy Forum has also been arranged on Sat. July 31st. Some of the highlights are:

### ❑ Structure-Based Biosynth.Symposium

(Sunday, Aug. 1; 8:45am - 12:15pm)

- ◆ *Interwining Tails: Unraveling the Wizardry of Terpene Biosynthetic Enzymes for Novel Natural Products.*  
**Joseph Chappell** (Univ. of Kentucky, U.S.A)
- ◆ *The Structural, Mechanistic, and Evolutionary Universe of Type III Polyketide Synthases.*  
**Joseph P. Noel** (Salk Inst. for Bio. Sciences, U.S.A)
- ◆ *Stuct. -Based Protein Eng. of Polyketide Biosynthesis.*  
**Chaitan Khosla** (Stanford University.U.S.A)
- ◆ *Stuct. Basis for the Synth. of Macrocyclic Peptides.*  
**Mohamed A. Marahiel** (Univ. of Marburg, Germany)

### ❑ Herbal Symposium

**Dedicated to Varro (Tip) Tyler**

(Monday, Aug. 2 ; 8am - 12pm)

- ◆ *Global Harmonization of Quality Standard for Herbal Medicinal Products*  
**Gerhard Franz** (Univ. of Regensburg, Germany)
- ◆ *Herbal Medicinal Products vs. Dietary Supplements*  
**A.J Vlietinck** (Univ. of Antwerp, Belgium)
- ◆ *Synergistic Effects of Constituents in Extracts*  
**A. Nahrstedt** (Westf. Wilhelms Univ. Germany)
- ◆ *Herb-Drug Interactions*  
**Ivar Roots** (Humboldt Univ., Berlin, Germany)
- ◆ *Herbal Med. Prod. in Clinical Research*  
**C. Ismail** (Bionorica AG, Germany)
- ◆ *Herbal Med. Prod. Replacement of Estrogen Replacement Therapy?*  
**W. Wuttke** (Univ. of Gottingen, Germany)
- ◆ *Lichens: Potentialities & Recent Devt.*  
**Joel Boustie** (Univ. of Rennes, France)

### ❑ Classical Pharmacognosy Forum...

**"Critical Need For Pharmacognosy In Pharmacy Curricula"**

West. Kier. Res. & Spa; Sat. July 31st (8am - 5:30pm)

Highlights will be the challenges contributing to the demise of pharmacognosy in recent years and proposed solutions for ensuring its continuance into the future. The challenges and solutions presented will be synopsised for articles to be submitted to various journals and academic institutes with action plans for preserving pharmacognosy as an independent discipline. Various sessions include.....

#### ◆ Pharmacognosy - History, Status & Techniques.

**Speakers:** W. Obermeyer (mod.), R. Upton, W. Kubelka, E. Williamson, L. Bohlin, N. Fransworth, and H. Wagner

#### ◆ Pharmacognosy in Quality Control of Herbals.

**Speakers:** M. Klein (moderator), D. Gray, I. Khan, S. Page, and J. Betz

#### ◆ Pharmacognosy in Product Devt. & Clinical Evaluation

**Speakers:** J. McLaughlin (moderator), M. Popp, J. McChesney, and M. Barrett

#### ◆ Breakout Sessions:(Moderators)

*Educational Program Needs* :G. Mahady/L. Walker  
*Res. Tools and Training*: E. Williamson/ C. Angerhofer  
*Role in Clinical Res. Stand. Setting*: M. Barrett/ R.Cooper

#### ◆ Recommendations and Action Items

Moderator: J. Cardellina

### ❑ Sand and Sea Symposium

(Tues. Aug. 3 ; 8am - 12:15pm)

**Chair: P.I Chavez (Midwest. Univ.)**

- ◆ *Mediterranean Desert Plant Chemistry.*  
**G. Appendino** (Univ. of Piemonte Orientale, Italy)
- ◆ *Mexican Desert Plants Used for Medicinal Purposes*  
**Rachel Mata** (UNAM, Mexico)
- ◆ *Plant In-Vitro Cultures and Natural Products Reserch*  
**M. S. Petersen** (U. Marburg, Germany)
- ◆ *Importance of Marine Natural Products in Pharmaceutical Research*  
**G. M. Konig** (Univ. of Bonn, Germany)
- ◆ *Impact of Natural Products Research on Society*  
**Koji Nakanishi** (Columbia Univ. , U.S.A)

**REGISTRATION FORM****International Congress On Natural Products Research (ICNPR) - 2004****July 31 - August 4, 2004****Westin Kierland Resort & Spa, Phoenix, Arizona USA**

Dr./Mr./Ms. \_\_\_\_\_ First Name \_\_\_\_\_ M.I. \_\_\_\_\_ Last name (Family name) \_\_\_\_\_

Company/Institution \_\_\_\_\_

Address \_\_\_\_\_

City/State/Country/Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Member of:  AFERP;  ASP;  GA;  PSE (Check all that apply)

<b>Registration Fees</b>	<b>By June 1</b>	<b>By July 9</b>	<b>On-Site</b>	
ASP Member	<input type="checkbox"/> \$ 500.00	<input type="checkbox"/> \$ 550.00	<input type="checkbox"/> \$ 600.00	\$ _____
Non-member	<input type="checkbox"/> \$ 600.00	<input type="checkbox"/> \$ 650.00	<input type="checkbox"/> \$ 700.00	\$ _____
Postdoctoral Assoc.	<input type="checkbox"/> \$ 250.00	<input type="checkbox"/> \$ 300.00	<input type="checkbox"/> \$ 350.00	\$ _____
Student	<input type="checkbox"/> \$ 200.00	<input type="checkbox"/> \$ 250.00	<input type="checkbox"/> \$ 300.00	\$ _____
One-day rate	<input type="checkbox"/> \$ 200.00	<input type="checkbox"/> \$ 250.00	<input type="checkbox"/> \$ 300.00	\$ _____

**Note: Registration for members and non-members includes all food functions and the classical Pharmacognosy Forum on Saturday, July 31. Postdoctoral and student registration include the Forum and the Welcoming Reception on Saturday evening (tickets for Rawhide and the Banquet are not included). One-day registration includes only the technical program.**

- I will be attending the Classical Pharmacognosy Forum on Sat., July 31
- I request vegetarian meals
- Please indicate below special needs (e.g., handicap access, hearing impaired) and be specific:
- \_\_\_\_\_

 **Event Tickets (For spouses/guests)**

Saturday Welcoming Reception ( \_\_\_\_\_ # tickets @ \$50.00) \$ \_\_\_\_\_

 **Event Tickets (For spouses/guests, postdocs or students)**

Monday Evening at Rawhide ( \_\_\_\_\_ # tickets @ \$75.00) \$ \_\_\_\_\_

Wednesday Closing 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
- Check total amount to  Visa  Master Card  AMEX

Name on Card: \_\_\_\_\_ Phone #: \_\_\_\_\_

Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**FOR CONVENIENCE, PLEASE REGISTER ONLINE AT: [www.phcog.org](http://www.phcog.org)****If not registering online, mail or fax to:****American Society of Pharmacognosy**

P.O. Box 28665

Scottsdale, Arizona 85255-0161

**PHONE: (623) 202-3500 FAX: (480) 513-2782**



**2004 - International Congress on Natural Products Research**  
**July 31 - August 4, 2004**  
**Phoenix, Arizona USA**

**ABSTRACT SUBMISSION FORM**

Corresponding author's name:	
Phone:	Fax:
Email address:	

<b>Please <u>underline</u> preferred presentation format:</b>		
Oral	Poster	No Preference
<b>Please <u>underline</u> one category that best describes the focus of your abstract:</b>		
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):		
<b>Please <u>underline</u> the type of organism used in the research:</b>		
Bacteria	Fungi	Other Microorganisms
Marine Macroorganisms	Non-Marine Animals	Plants
Other (please specify):		

- Place an "X" in front of this box.** This abstract is submitted by an undergraduate or graduate researcher, and it should be considered for the ASP Student Poster Awards

<b>Title</b>	

**HOTEL RESERVATION REQUEST FORM*****International Congress On Natural Products Research (ICNPR) - 2004  
July 31 - August 4, 2004***

Please Phone or Mail/Fax this reservation form to:

**The Westin Kierland Resort & Spa**

6902 East Greenway Parkway

Scottsdale, Arizona 85255-0161 USA

**Attn: Reservations Department**

Tel: 800- 354-5892; Fax: 480-624-1244

First Name \_\_\_\_\_ M.I. \_\_\_\_\_ Last Name (Family Name) \_\_\_\_\_

Company/Institution \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip/Country \_\_\_\_\_

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Email \_\_\_\_\_

Arrival Date &amp; Time (Please specify AM or PM) \_\_\_\_\_

Departure Date &amp; Time (Please specify AM or PM) \_\_\_\_\_

Credit Card Number For Guarantee Only: Attendee Must Present a Credit Card at Check In:

\_\_\_\_\_ Expiration Date: \_\_\_\_\_

Name of Cardholder  
(as it appears on card) \_\_\_\_\_

Signature of Cardholder \_\_\_\_\_

- American Express     Visa     Master Card     Discover     Diners Club  
 Check enclosed. (Payable to The Westin Kierland Resort & Spa and Attention Accounting)

**Accommodations/Rates:**

- ***Reservations must be received by Friday, July 2, 2004 in order to receive the special group rate of \$119.00 per room/ per night plus tax.***
- ***Reservation received after (Group Cutoff Date) will be accepted at the prevailing rate and on a space available basis only***

**Check requested accommodations:**

- |  |  |
|--|--|
| <input type="checkbox"/> Single Occupancy - \$ 119.00                                  | <input type="checkbox"/> King            |
| <input type="checkbox"/> Double Occupancy - \$ 119.00                                  | <input type="checkbox"/> Two Double Beds |
| <input type="checkbox"/> Triple or Quad Occupancy,<br>18 years old or over - \$ 139.00 | <input type="checkbox"/> ADA Room        |
| <input type="checkbox"/> Smoking   | <input type="checkbox"/> Lower Floor     |
| <input type="checkbox"/> Non Smoking   | <input type="checkbox"/> Other _____     |

**Check-in time...** at the Resort is 4:00 pm.; **Check-out time...** 12:00 Noon.  
**The Group cancellation policy...** 72 hours or more prior to arrival date.

# EXPLORING PHOENIX...

Various activities have been planned throughout the duration of the meeting, before and after the meeting besides dinner at Rawhide, Western Town and the annual banquet:

## YOUNG SCIENTIST'S MIXER

The Young Members Committee (YMC) ASP will host a Young Scientists Mixer on Sunday night, from 9 p.m. to 12 a.m. Dessert and refreshments will be available. Undergraduate, graduate, post-doctoral and young professional members of all the societies will get a chance to meet one another in an informal setting. This year's meeting provides an excellent opportunity for young members of all the societies to communicate with one another and form valuable networks for potential future collaboration. Please join us on Sunday evening!

*(Sponsored by Bio-Botanica, Inc.)*

## A PRE-CONGRESS TOUR

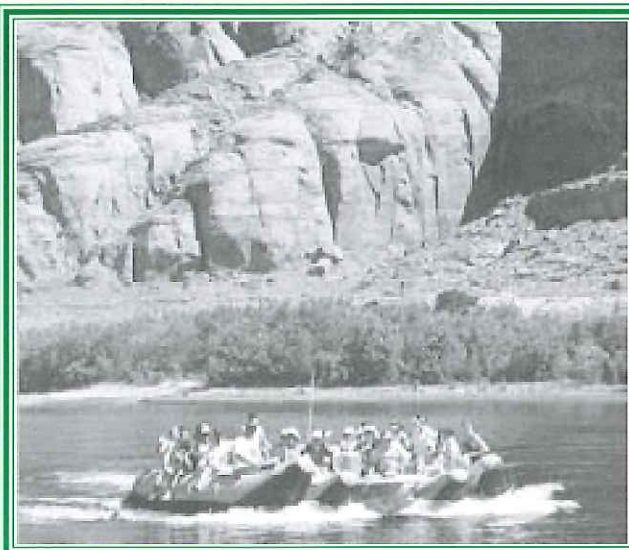
**Grand Canyon & Navajo Reservation Overnight Tour**  
Th., July 29th - Departs 8 a.m. ; Fri., July 30th - Returns 6 p.m.  
Cost: \$255/person; (double) \$315 (Single)

Don't miss one of the "Seven Wonders of the World!" Your Grand Canyon adventure includes the historic Cameron Trading Post on the Navajo Indian Reservation, Sunrise and Sunset at the Grand Canyon.

## B POST-CONGRESS TOUR

**Monument Valley, Grand Canyon & Sedona Overnight Tour**  
Th., Aug. 5th - Depart 7 a.m.; Fri., Aug. 6th - Return 6 p.m.  
Cost: \$310/person; (double) \$350 single

It includes a Jeep tour of Monument Valley, home of the Navajo and setting for many movies, with overnight stop at the Historic Cameron Trading Post on the Navajo Indian Reservation. Day two includes a tour from Desert View and the Watchtower to Grand Canyon Village along the rim of Grand Canyon National Park. The return to Phoenix takes us through the Red Rock Country of Sedona.



*Enchanting Grand Canyon... Phoenix, AZ*

## C DAILY SPOUSE TOURS

### • One-Day Van Tours Departing Daily

We offer five different scheduled one-day van tours including the Grand Canyon and Sedona.

## D CONFERENCE CUSTOM TOURS

### • Valley of the Sun City & Phoenix Desert Bot. Garden

Tues., Aug. 3; Departs 1:15 p.m., Returns 5 p.m., Cost: \$58  
A tour of "Native Cultures and Plants of the Southwest,"

### • Valley of the Sun City & the Heard Museum

Tues., Aug. 3; Departs 1:15 p.m., Returns 5 p.m., Cost: \$45/person  
Tours Paradise Valley, the Arizona Biltmore Hotel & the Arizona State Capital; Scottsdale's Old Town, Fifth Avenue Shops & the Heard Museum.

## For All Tours (A-D) Contact:

**Vaughan's Southwest Custom Tours**  
*for a complete itinerary and reservations*

**Tel: 602-971-1381 or 800-513-1381**

**Email: info@southwesttours.com.**

*Please indicate that you are with the  
ICNPR Conference.*



Welcome to  
Phoenix, Arizona



## ASP Research Achievement Award - 2005

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 - (Late) 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  
2004 - Jon Clardy

### Call for Nominations for 2005

Nominations for 2005 Award are due by **May 15, 2004** 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. James Gloer

Department of Chemistry,  
University of Iowa  
Iowa City, Iowa 52442  
Phone: 319-335-1361  
Fax: 319-335-1270  
[james-gloer@uiowa.edu](mailto:james-gloer@uiowa.edu)



## News Alert

### FDA Launches Crackdown On Dietary Supplements Containing Andro

Health and Human Services (HHS) Secretary Tommy G. Thompson announced a crackdown on companies that manufacture, market and distribute products containing androstenedione, also known as "**andro**", which acts like a steroid once it is metabolized by the body, and therefore can pose similar kinds of health risks as steroids. Andro, is an anabolic steroid precursor that can be converted by the human body into testosterone. FDA recently asked manufacturers to stop distributing andro because its use may increase the risk of serious or life-threatening diseases. According to FDA commissioner Mark McClellan, andro's long-term side effects could include:

- ◆ Testicular atrophy, impotence, and development of female characteristics in men.
- ◆ Male-pattern baldness, deepening of the voice, and increased facial hair in women
- ◆ Increased risk of breast and endometrial cancer in women.
- ◆ Early onset of puberty and premature cessation of bone growth in children

For more information log on to: <http://www.os.dhhs.gov/news/press/2004pres/20040311.html>

## MEETINGS

### Future ASP Meetings

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, Crystal City, MD

### Other Meetings of Interest

August 15-18, 2004-- Sao Pedro, Brazil

*Chemistry, Biological and Pharmacological  
Properties from Med. plants of the Americas*

**For more details contact**

**Prof. K. Hostettmann**, Chair. IOCD  
Institute of Pharmacog. & Phytochemistry  
University of Lausanne, B.E.P., CH-1015  
Lausanne - Dorigny, Switzerland.  
Tel: 41/21 692 45 61; Fax: 42/21 692 45 05  
Email: Kurt.Hostettmann@ipp.unil.ch  
www.sbg.org.br/eventos/indexeventos.ht

October 4 - 7, 2004 -- Tehran, Iran

*2nd International Congress on Traditional  
Medicine and Materia Medica*

**Contact Information**

**M. Mosaddegh, Ph.D.**  
P.O. Box 14155-6354, Tehran, Iran  
Tel: +98 21 877 3525; Fax: +98 21 877 6027  
Email: tmcongress2@neda.net  
www.itmrc.org

November 22-27, 2004 --New Delhi, India

*International Conference on Chemistry,  
Biology Interface: Synergistic New Frontiers  
(CBISNF - 2004)*

**For more details Contact:**

**Prof. Ramesh Chandra** (Chairman)  
University of Delhi, India  
Tel: 91 -11-27666272; Fax: +91-11-27666248  
E-mail: ramesh\_vc04@rediffmail.com  
**Dr. Ramesh Pandey** (Secretary)  
Xe Chem International Inc., New Brunswick, NJ  
Tel: 732-247-3300; Fax: 732-247-4090  
E-mail: Xechem@erols.com

## DID YOU KNOW ?

### ❑ That...FDA Bans Sale of Ephedra and Ephedra Containing Dietary Supplements?

...On February 6, 2004, FDA issued the final rule stating that supplements containing ephedra present an unreasonable risk of illness or injury to those taking them. Under the Dietary Supplement Health & Education Act (DSHEA), FDA has the power to remove a dietary supplement from the market if it presents a significant or unreasonable risk of illness or injury when used according to its labeling or under ordinary conditions of use.

This rule is in effect from April 12, after which any company caught distributing or manufacturing ephedra-containing dietary supplements will be subject to seizure, injunction or criminal prosecution. This is the first time a supplement has been removed from the market under DSHEA.

### ❑ That... Several Ayurvedic Herbs are Traditionally Used in Cancer Therapies?

...Ashwagandha (*Withania Somnifsa* (L) Dunal, Solanaceae), one of such herbs widely used as a "tonic" and "adaptogen" in stressful situations, has been reported in several studies to have anti-tumor and radiosensitizing effects. It aids in increasing the ability of radiation therapy to destroy cancerous cells at lower dosages, thereby decreasing the negative effects associated with radiation use.

Ashwagandha has been reported to protect against the damaging effects (myelosuppression) of the conventional chemotherapy drugs Cyclophosphamide and Doxorubicin.

### ❑ That... NIH Awards Creighton \$1.3 Million Grant?

...The National Institutes of Health (NIH), Bethesda, MD, has awarded Creighton University Medical Center, Omaha, NE, a \$1.3 million grant to study the codependence of calcium and phosphorous on bone health. The NIH grant will be used for human clinical trials to investigate the effect of calcium and phosphorous supplementation in osteoporosis sufferers who receive bone-building therapy

# In Memorium... S. William Pelletier...

## Travelling through the memory lane...

*Continued from page 1...*

U.S. Navy in the Pacific theater in World War II. He received his B.S. degree, summa cum laude in Chemical Engineering from the University of Illinois in 1947. Pelletier completed his Ph.D. degree in 1950 under the direction of Professor John R. Johnson of Cornell University. The title of his thesis was: *Studies of Certain Isoprenoid Alkaloids: 3-methyl-3-buten-2-ol and the 2-methyl-2-buten-1-ols.*

Pelletier was a member of the staff in organic chemistry at The Rockefeller Institute in New York from 1951 to 1962, when he assumed the position of Head of the Chemistry Department at the University of Georgia (UGA). As Head (62-69) Pelletier increased the UGA chemistry faculty from 14 to 30, the number of chemistry graduate students from 30 to 102, the number of departmental papers published per year from 15 to 100 and increased the department's external grant support by 20 fold.

Pelletier served as the Provost of the University of Georgia for seven years (1969-1976), before



*Bill Pelletier (ASP President 2001-'02) felicitating Mrs. Marian Wall at New Brunswick, NJ meeting*

becoming the director of the Institute of Natural Products Research, a position he held until retiring in 2000. While at UGA he mentored fifteen Ph.D., 7 MS students and several post doctoral fellows.

Pelletier was an authority on the isolation, structure elucidation (including stereochemistry) and the synthesis of natural products of biological interest, particularly diterpene alkaloids. In recent years his research focused on the alkaloids of *aconitum*, *consolida*, *delphinium* and *garrya* species. Pelletier edited a widely used series of books on the chemistry



*Good times...New Brunswick, NJ meeting (July-2002) Ramesh Pandey(L), Renu Misra (C), Bill Pelletier(R)*

of alkaloids [*Alkaloids: Chemical and Biological Perspectives, Volume 1 through 15*], and published more than 360 manuscripts.

Pelletier served as the president of the American Society of Pharmacognosy (2001 -02) and was a Fellow of the American Association for the Advancement of Science and a Fellow of the Royal Society of Chemistry (London, England).

In 1991 he received the top research award from the American Society of Pharmacognosy for his lifetime work on alkaloids. He also won the 1971 Herty

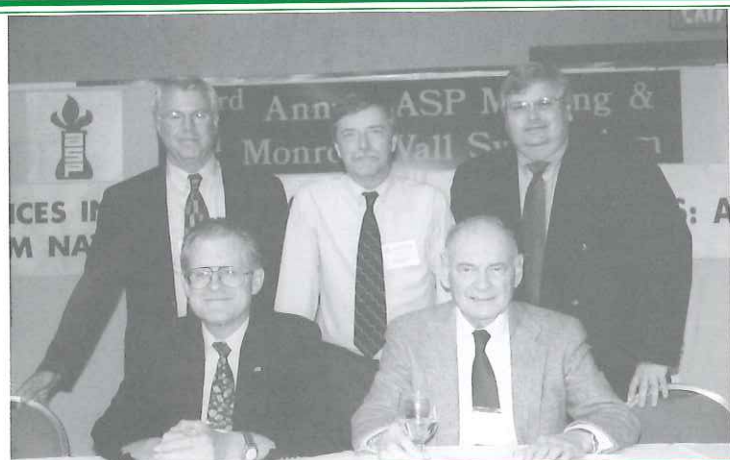


*Bill with friends at the Joint Int. Congress of Natural Product Research at Amsterdam (1999)*

# ... July 3, 1924 - February 21, 2004

## Glimpses from the past...

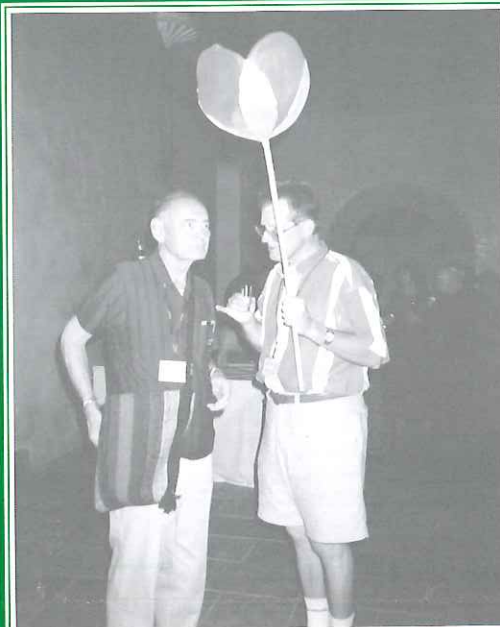
Award from the Georgia Section of the ACS and received the 1972 Southern Chemist Award for distinguished achievements in chemistry from the Memphis ACS section. Pelletier helped form the "Northeast Georgia Section of the ACS" and in 1968 served as its first chairman.



ASP Executive Board (2001- 2002)...

Standing (L-R): Bill Gerwick, John Beulter, David Slatkin  
Sitting (L-R): Bill Keller & Bill Pelletier

Dr. Pelletier was also an astute collector of art. His private collection includes the etchings of the 17th-century Dutch artists Rembrandt and Adrien van Ostade, and major collections of English, Scottish and American masters: John



A casual chat...Bill Pelletier (L)  
& Bill Keller (R) Oaxaca, Mexico 2001

In his contribution to the 59th edition of "Who's Who in America," Pelletier commented:

*"I have been working in the field of natural products for over forty years now. As we unravel the structures of complex natural products and illuminate their fascinating chemistry, I am impressed over and over with the marvelous design and handiwork of the Creator. In a certain real sense, as I explore and discover new truth about the part of the universe in which I work, I believe that I am thinking God's thoughts after him."*

His wife Leona predeceased him, and he leaves six children, twenty grandchildren and one great grandchild.



Having Fun...in Seattle, Washington meeting (July 2000)  
(L-R) Bill Pelletier, Renu Misra, Ken & Marilyn Rinehart

Taylor Arms, James McNeil Whistler, Muirhead Bone, Martin Lewis and Atlanta artist Jackson Lee Nesbitt. He authored 36 publications in the art history of these and other artists.

## ASP Mourns the Sad Demise of Dr. Bill Pelletier

Dr. E. John Staba  
2840 Stinson Blvd NE  
Minneapolis MN 55418

TO



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

## 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. Harry S. Fong, *University of Illinois, Chicago*
- Dr. James E. Robbers, *Purdue University* • Dr. Paul J. Scheuer, *University of Hawaii*
- 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,  
853 Sanders Road, #260, Northbrook, Illinois 60062

## 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*

### Send information to:

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