

ASPET's Annual Meeting: Experimental Biology 2009 New Orleans, LA



*Annual Women in Pharmacology
(WIP) Walk in New Orleans*



*ASPET Members Volunteer
with Habitat for Humanity
in New Orleans*



*Student/Postdoc Poster
Competition in New Orleans*



*President Joe Beavo is thanked for his
services to ASPET by Incoming
President Brian Cox*



ASPET Business Meeting in New Orleans

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*Message from President Joe Beavo
More Pictures from EB 2009
Preliminary Information for EB 2010
Web 2.0 Updates
Call for Award Nominations*

The PHARMACOLOGIST

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Postmaster: Send address changes to: *The Pharmacologist*, ASPET, 9650 Rockville Pike, Bethesda, MD 20814-3995.

Save the Date:
Annual Meeting at Experimental Biology 2010
April 24 – 28, 2010
Anaheim, CA

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[Click here to check it out!](#)

MESSAGE FROM THE PRESIDENT



Dear ASPET Members,

It is hard for me to believe that a year has passed so quickly. When the year is nearly completed, it is traditional for an outgoing President of our society to pen a few lines for *The Pharmacologist* about his or her thoughts concerning the preceding year. In this case I wanted to touch on just two major issues as they have dominated much of the agenda of Council this year. I can imagine that some years it could be hard to summarize the major events that mark one's term in office. However, this year it is easy to identify the major over-riding concern that has occupied our new and ongoing actions for this year.

For ASPET, as for many of us personally, the major event has of course been the collapse of our economy and its effects on our Society. When I ran for the office of President, I suggested in my statement to members that we would likely need to be positive in our outlook on what the Society should or could do in difficult times. However, that comment was at the time directed largely to the difficulties in funding that many of our members were having at the time. I did not dream, even in my worst nightmares, that the stock market would drop almost in half within the first few months of my term in office. Given that a substantial part of our Society's operating budget comes from our investment portfolio, this worry has hovered over every decision and non-decision the Council and staff have made this year. So, with a little time now passed, how has the Society fared despite this huge shadow?

I am pleased to say that our Society is still standing, though a bit battered and bruised. Thanks to some excellent decisions made by our Finance Committee and a bit of luck related to our being in the process of changing investment advisors last summer, a greater than normal percentage of our portfolio was in cash, long term bonds and high dividend stocks. As a result, our Society did not lose nearly as much as many individuals did in their 401K's nor as much as any of the major indexes. More importantly, we have not had to terminate the jobs of any employees and have been able so far to maintain all of the core services that have traditionally been carried out by ASPET. So, while not entirely good news, given the situation, it could have been a lot worse. Thank you Chip Rutledge and the Finance Committee! Also, thank you to the hard work and thrift of the ASPET staff!

On a more encouraging note, at least one major new initiative, the launch of our new Web 2.0 portal is essentially on schedule. The Council has viewed our entry into this type of communication media as essential to the longer-term health of the Society. As such, a substantial amount of money was allocated (before October of last year) to a professional Web 2.0 design company. Perhaps equally importantly, a search committee is well on its way to identifying a new Web 2.0 editor to lead this new enterprise. I am pleased to say that the final list of candidates interested in this position is to me nothing short of spectacular. We have many great candidates. Just the fact that Council has seen fit to approve an editor position for this means of communication, as we do for all of our major journals, emphasizes the importance we put on this endeavor. So, please stay tuned, and let us know what you think can be done to utilize this new approach for increasing communication within our Society and between our Society and the rest of the world. We have the potential here to make a major leap forward. However, in order to do so, we will need the work and advice of our members. Do you have an interest in blogging, in monitoring a forum, in providing content for a pharmacology Wiki, or in just communicating with your peers and with the public? If you can say yes to any of these, please contact one of the Society officers or the new Web editor with your ideas. Your thoughts will be greatly appreciated, and likely you will be immediately involved in the project. I think this can be a great opportunity for you and for our Society.

I wanted to keep this message short but I would be remiss if I did not say thank you to all of the ASPET staff for their unfaltering help to me to just get through this hectic year. It has been my honor and privilege to serve as President of ASPET this last year. I look forward to working with Brian Cox and others on Council and on staff in the coming year. Hopefully, the economy of both ASPET and the nation as a whole will recover substantially, and it will be a good year for all.

Sincerely,

A handwritten signature in black ink that reads "Joe Beavo". The signature is fluid and cursive, with a large, sweeping initial "J".

EB 2009 IN REVIEW

ASPET met as part of Experimental Biology 2009, April 18 - 22 in New Orleans, LA. With over 10,000 total registrants, the meeting proved to be filled with important science and fun networking opportunities.

On Friday 17 April, the day before EB 2009, more than 80 ASPET members, friends and family volunteered with the New Orleans Area *Habitat for Humanity* and assisted in the construction of 5 different homes. Among the volunteers were no fewer than four ASPET Presidents as well as other member of ASPET Council. Vice Chancellor Joseph Moerschbaecher and LSU Health Sciences Center provided transportation to and from the Upper Ninth Ward in East New Orleans, a region of the city that was devastated by Hurricane Katrina. After a brief orientation with Laura Sparks, a Habitat for Humanity construction site supervisor from Virginia who is supported by AmeriCorps, groups of 15-20 volunteers worked throughout the day, interrupted only briefly to enjoy a traditional New Orleans lunch, red beans and rice, that was provided by the Vice Chancellor and served at the construction site. Founded in 1983, New Orleans Area *Habitat for Humanity* partners with sponsors, communities, volunteers, and homeowners to assist families in need. Several hundred homes have been built by *Habitat for Humanity* in the New Orleans Metro area. A special thanks goes out to Dr. Charles P. France who was mainly responsible for organizing this amazing event. Another *Habitat for Humanity* project is being organized for next year's meeting, which will take place in Anaheim, CA. Pictures from this special event are below. More pictures will be posted on the ASPET website at www.aspet.org.



The ASPET Business Meeting took place on Saturday, April 18, where we were given updates on the state of affairs regarding membership, public affairs, finances, and other business. ASPET Award winners were recognized and presented with awards during this time.



President, Joe Beavo with ASPET Award Winners for 2009



ASPET Graduate Student Travel Award Winners for 2009



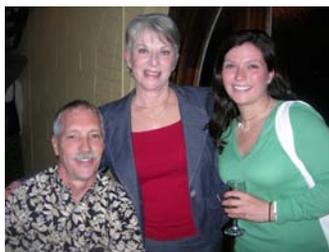
ASPET Young Scientists Travel Award Winners for 2009



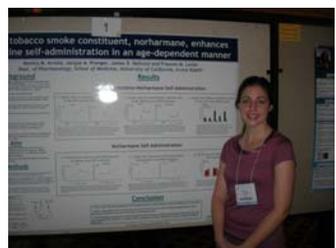
Summer Undergraduate Research Fellowship Award Winners for 2009

EB 2009 IN REVIEW

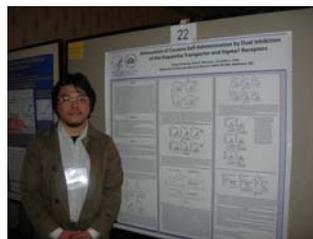
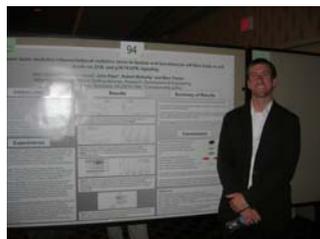
Following the Business Meeting and Awards Presentations, ASPET kicked off the start of the 2009 Meeting by holding an Opening Reception at Mulate's, a Cajun restaurant across the street from the convention center. The reception featured food, drinks, and a cozy atmosphere.



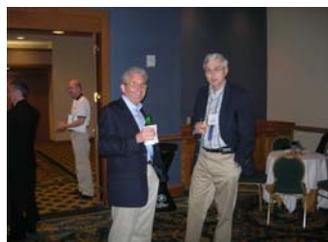
The Student/Postdoc/Mentor Mixer and Best Abstract Competition gave students and young scientists a chance to present their work and mingle with ASPET members.



EB 2009 IN REVIEW



This year, ASPET also held a Student/Postdoc/Young Scientist Focus Group: *What does ASPET mean to you?* The purpose of the focus group was for students and postdocs to voice their opinions and concerns about the Society and what kinds of benefits they want to get from ASPET. Some very useful and good ideas were discussed at length. At the end of the focus group session, Mary Puckett (Student member since 2008) won the raffle for an Apple iPod Touch.



The ASPET divisions held their own mixers during the meeting. Pictures from these mixers can be found on page 45.

ASPET continued to sell our new line of ASPET products at the meeting. We sold T-shirts, hats, water bottles, ornaments, wine glasses, compendiums, and ASPET stuffed animals. These products are now also on sale at the ASPET website at www.aspet.org.

In addition to the ASPET store, we collected 56 new membership applications at our booth in the Exhibit Hall. Also at the booth, we held a raffle open to all attendees to win an Apple iPod Touch. The winner was drawn after the meeting: Pal Pacher, MD, PhD.

SAVE THE DATE!!

2010 ASPET Annual Meeting at Experimental Biology 2010

April 24 - 28

Anaheim, California



2010 Preliminary Symposia:

Regenerative Pharmacology & Stem Cell Research for Tissue & Organ Repair: State of the Art

Applications of Stem Cell Therapies in Clinical Development & Regenerative Pharmacology in Organ Repair

Epigenetic Regulation: Concepts & Applications in Psychiatric, Neurological & Substance Abuse Disorders

When the Smoke Clears, There's More to Neuronal Nicotinic Acetylcholine Receptors

In Vivo Animal Modeling in Drug Discovery & Development: Divergent Ideas on Making Predictions of Clinical Efficacy in CNS Disorders

New Insights About an "Old" Second Messenger, cAMP: Implications for Cardiovascular Pharmacology

New Therapeutic Approaches to Combat Arterial Thrombosis

Integrating Genetics, Genomics & Pharmacology: How the Pharmacogenomics Knowledge Base Catalyzed Pharmacogenomic Research & Translational Medicine

Extracellular Matrix Proteins of the CCN Family as Therapeutic Targets

Accessory Proteins for G-Proteins: Partners in Signaling

Orphan Cytochrome P450 & Other Drug Metabolizing Enzymes

Protein-Protein Interactions & Modulation of Drug Metabolism

Industrial/Academic Partnerships: A New Era

High-Resolution Structural Approaches to Understanding GPCR Activation

Wnt Signaling & Development: Conventional & Unconventional GPCRs Mechanisms

Sphingosine 1-Phosphate Signaling as a Therapeutic Target

Spatial & Temporal Organization of Cell Signaling

Stimulus-Bias in an Allosteric World: Relevance to CNS Drug Target Validation

Applying Web 2.0 Technologies in Teaching Pharmacology: Developing the Tool Box

Introduction of Drug Safety (Pharmacovigilance) Into Curricula

Recent Advances in the Neuropharmacology of Anxiety: Implications for Novel Therapeutics

Role of Mitochondria in Drug Hepatotoxicity: A Tale of Stress

Regulating the Regulators: Redox Regulation & Stress Response Proteins

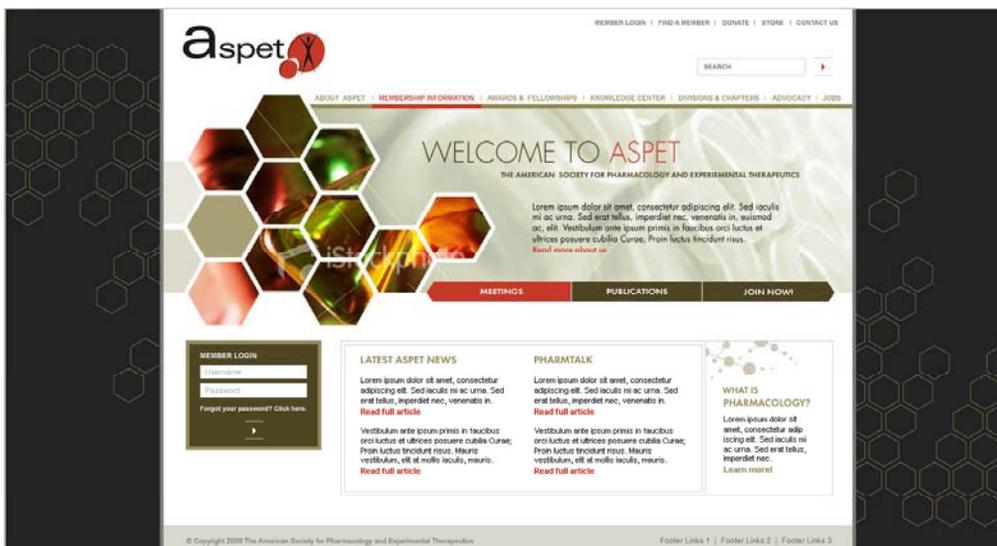


Photos Courtesy of AOCVCB and Mickey Jones

See You in Sunny California!!

ASPET WEBSITE:

The new ASPET website is coming soon to www.aspet.org. We are currently hard at work re-designing and migrating our current website to a new Web 2.0 friendly site. We expect to be up and running later this summer. Be sure to check back to view updated photos from the Experimental Biology meeting, podcasts from the meeting, updated public affairs information and much more! Below is a screenshot of the new ASPET website currently being developed.



ASPET ON FACEBOOK:



ASPET is now on Facebook! Become a fan of the ASPET page to keep up-to-date with Society news. Currently on the page, you will find pictures from the Experimental Biology 2009 meeting in New Orleans, LA and save the date information for the 2010 meeting.

ASPET ON TWITTER:

On Twitter? You can follow ASPET at <http://twitter.com/aspet>. Keep abreast of important Society news, deadlines, public affairs updates and much more!

Call For ASPET Committee Members!

Serving on a committee is a great way to actively participate in the Society.



To volunteer, please contact Christine Carrico at ccarrico@aspet.org



Speak Up for ASPET's Journals

Academic library budgets have been hard hit for several years. Budgets for the 2009–2010 academic year are expected to be worse, forcing librarians to cut subscriptions more than ever before. Before the current economic climate began, many corporate libraries started cutting expenses by shutting down their physical libraries. They decreased staff and eliminated space by switching to online journals. The current economy is forcing them to cut titles from their collections.

You may have already been asked by your library to approve subscription cuts. When your institution or company librarian asks which titles to drop, please voice your support for ASPET's journals. The *Library Journal* Periodicals Price Survey for 2009 reports the average subscription price for journals in the health sciences to be \$1,401; for those in biology, the average is \$1,980. The most expensive ASPET journal is well below those prices (only \$852 for an online-only subscription to *JPET*).

ASPET journals continue to provide excellent value for every library dollar. The Society's subscription prices remain among the lowest in pharmacology and related fields. ASPET's prices for online-only subscriptions are set at 90% of the print-with-online prices. Unlike many publishers, the Society's subscription policies do not force libraries to maintain spending based on old print subscriptions. Our online access policies are very liberal—no limits on concurrent users, flat pricing rather than FTE-based or tiered pricing, no requirement for a written license agreement, and access to the journal's pre-1997 issues is included with the subscription. These features make our online-only subscriptions especially cost effective.

With library budgets getting tighter, subscribing to ASPET's journals makes more sense than ever. Your librarians may not have the time to learn the facts about ASPET's journals. Make them and your colleagues aware of the value provided by the Society's publications.

2010 Subscription Prices Set

ASPET's Board of Publications Trustees has set the Society's 2010 subscription prices. Institutional prices for *JPET*, *Pharmacological Reviews*, *Molecular Pharmacology*, and *Molecular Interventions* will increase by only 3% for both print-with-online and online-only subscriptions. Prices for *Drug Metabolism and Disposition* will increase by 9%. There will be no increase in the price differential between domestic and foreign subscriptions for any of ASPET's five journals.

The higher increase for *DMD* is necessary because the journal has grown by 39% since 2005 while the subscription price has increased by only 23%. Even with a 9% price increase, *DMD* will continue to operate in the red.

The Society's Journals Department has been working with its compositor and printer to cut costs for 2010. Measures to decrease expenses that can be implemented sooner will be. We already run a very lean operation with few opportunities to make cuts. Additionally, some costs such as postage are out of our control and will increase next year. Overall, expenses are expected to rise for 2010. We are working to keep institutional price increases as low as possible despite rising costs because of the budget crisis faced by most libraries.

Member print subscription prices for *Molecular Pharmacology* and *DMD* will be \$180 and \$137, respectively. These represent increases of 18% and 22%. Both are necessary because of the growth of these journals. *JPET*'s member print price will increase to \$220, a 5% increase. These member prices do not even cover printing and mailing costs for these subscriptions. The Board of Publications Trustees set a goal of increasing member prices over three years to cover those costs. This is the first of the three increases intended to meet that goal. The price for *Pharmacological Reviews* will not change.

To develop nonmember individual subscriptions to *Molecular Interventions*, the BPT lowered prices to \$60 for individuals in the US and \$70 for the rest of the world. ASPET members are encouraged to recommend *Molecular Interventions* to colleagues who are not members. A larger readership will help build advertising revenue. A nonmember subscription order form is included in this issue of *The Pharmacologist*. Please pass it along to your friends!

Enjoy *Molecular Interventions*?

Encourage your colleagues to subscribe today!

Nonmember subscriptions are \$60
(\$70 outside the US)

Subscribe now to get all 2009 issues



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- ✓ Fresh, graphically compelling design and layout
- ✓ Articles that are not just deeply informative but a good read as well

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Fax credit card orders to 301-634-7158

See sample issues online at molinterv.aspetjournals.org

Questions? Contact subscriptions@aspet.org or 301-634-7003



Contact Members of Congress to Increase NIH Funding

All ASPET members are encouraged to contact their Members of Congress and ask their legislators to increase funding for NIH in FY 2010 by 7%. A 7% increase in the FY 2010 NIH budget will help to mitigate the effects of a “hard landing” in FY 2011 when stimulus funds expire. Unfortunately, President Obama’s budget request for the NIH in FY’10 provides an increase of only \$443 million (1.45%) over the FY 2009 comparable level, excluding ARRA funding. A significant portion of that amount is targeted research for cancer and autism. While the President’s budget proposal is just the first step in a process that is supposed to end by October 1 (the beginning of the new, FY’10, fiscal year) there is no certainty that Congressional Appropriators will be able to significantly improve upon the less than inflation increase for NIH. This is an important time for ASPET members to begin contacting their Members of Congress as discussion on specific programmatic matters takes place during the summer.

We ask all ASPET members to take advantage of the Research Means Hope website www.researchmeanshope.org and the following link, <http://capwiz.com/researchmeanshope/issues/alert/?alertid=13003891> that goes directly to a customizable letter that can be sent to Congress. Act now and send this message to your colleagues.

Sen. Arlen Specter (D-PA), the former ranking member of the Senate Labor/HHS Appropriations Subcommittee, and one of NIH’s biggest supporters, has left the Republican Party and became a Democrat. Specter noted that the political situation in his home state would have made it difficult to win the Republican primary. But significantly he stated that, “...I am deeply concerned about the future of our country and I believe I have a significant contribution to make on many of the key issues of the day, especially medical research. NIH funding has saved or lengthened thousands of lives, including mine, and much more needs to be done. And my seniority is very important to continue to bring important projects vital to Pennsylvania’s economy.” Sen. Specter has also introduced legislation that would provide federal funds to accelerate “cures and treatments” and remove barriers to translational research by establishing an independent agency, the Cures Acceleration Network (CAN) to fund promising research. The bill also authorizes appropriations for NIH at \$40 billion for FY 2010, requires NIH to develop a conflict of interest policy, and gives the National Center on Minority Health and Health Disparities institute status. CAN proposes to make awards outside of traditional funding streams and Specter’s office indicates the goal is for CAN funding to be complementary to and not competitive with NIH funding. How this might play out is unclear. Information on CAN will be found at:

http://specter.senate.gov/public/index.cfm?FuseAction=NewsRoom.NewsReleases&ContentRecord_id=ed5151e2-a18a-36de-f7d6-725a233f8625

FDA

“The FDA as a Public Health Agency” is available on-line for anyone with an interest on where leadership plans to take the agency in the coming years: <http://content.nejm.org/cgi/content/full/NEJMp0903764>

The Alliance for a Stronger FDA has recommended a 20% increase for all centers and programs at FDA for FY 2010. This is a \$386 million increase above the FY 2009 level. The Alliance’s congressional testimony notes that the FDA is still greatly under resourced and that “There cannot be many agencies in the US government that have such a vast scope of responsibilities and so few dollars to get the job done.” The Alliance then notes ASPET’s discovery of the fact that the FDA’s budget is less than the school district in which it resides (Montgomery County, MD), “When the Superintendent (of schools) looks out his window, he reflects on the educational needs between Takoma Park and Germantown. When the (FDA) Commissioner looks out his window, he reflects on the food and medical product needs of the entire world. Yet until this year, the Superintendent had a significantly larger budget to spend than the Commissioner.” Read the Alliance for a Stronger FDA congressional testimony at: http://www.aspet.org/public/public_affairs/pa_botanical_res.html

Support Use of Animals in Research

A petition of support for scientists who conduct ethical and humane animal research is available to sign for individuals who support the use of animals in biomedical research. Consider signing the petition at: www.raisingvoices.net

Also, in the U.K., Understanding Animal Research has published, "A Researcher's Guide to Communications" provides some proactive advice for communicating researcher's work to the public. Visit the UAR at: http://www.understandinganimalresearch.org.uk/resources/document_library

NIH Archives

The *NIH Record* has an online and searchable collection of every issue in its history (visit <http://nihrecord.od.nih.gov/>). You can find many interesting and historical factoids here including what Dr. Julius Axelrod looked like at the Nobel Prize party his colleagues threw for him.

ASPET-Advocacy Outreach Program

ASPET has developed an advocacy outreach program to educate and train graduate students, post-docs and faculty in pharmacology departments on the importance of grassroots advocacy in support of the NIH. The ultimate goal of the outreach program is to 1) develop a cadre of interested individuals who will more effectively advocate on critical issues of science funding and science policy and, 2) provide individuals the skills needed to become informed and proactive participants in these issues at whatever institution they may find themselves in the near future. ASPET has already visited UT Southwestern and Emory University and will be at Wayne State on June 19 for their 36th Annual Pharmacology Research Colloquium. If there is an opportunity for ASPET to make such a presentation in 2009 at your institution please contact Jim Bernstein at jbernstein@aspet.org.

Training Opportunity: NIGMS Summer Short Courses in Integrative & Organ Systems Pharmacology at Michigan State, North Carolina, Nebraska, and Vanderbilt

The National Institute of General Medical Sciences will once again fund four summer short courses that provide specialized training for using intact organ system and in vivo animal models in the conduct of research. The purpose of each short course is to introduce graduate students, post-docs and PhDs to the knowledge and skills needed for integrative studies of organ systems and intact animals, and the physiological and biochemical responses of these systems to drugs. These critical skills are in short supply. Graduate students and PhDs with these skills are in great demand in both academic and industrial settings. For additional information contact Jim Bernstein at 301-634-7062; jbernstein@aspet.org; http://www.aspet.org/public/public_affairs/pa_NIGMS_shortcourse_awards.html.

ASPET-IOSS Fund Application Guidelines

The ASPET-IOSS Fund was created to provide support for graduate students and post-doctoral researchers seeking training in integrative whole organ systems sciences. The fund is currently supported by Abbott Laboratories, Merck Research Laboratories, Pfizer and Wyeth Research. The goal is to help augment training of students in this field. For additional information visit: http://www.aspet.org/public/public_affairs/pa_ious.html

NIH Increases NRSA Stipend Level

NIH issued the FY 2009 stipend levels for trainees and fellows receiving Ruth L. Kirschstein National Research Service Awards (NRSA). The published stipend level for predoctoral fellows is \$20,976, and the stipend level for postdoctoral fellows with zero years of experience is \$37,368. For both predocs and postdocs, this represents about a 1% increase above FY 2007 levels. The FY 2009 stipend levels are retroactive for all Kirschstein-NRSA awards made on or after Oct. 1, 2008. For more information, please see: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-057.html>

DIVISION NEWS

Division for Behavioral Pharmacology and Neuropharmacology Joint Mixer at EB 2009:



Division for Cardiovascular Pharmacology Mixer at EB 2009:

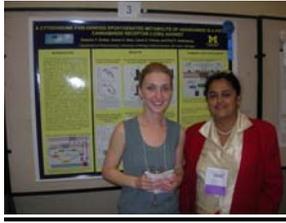


Division for Clinical Pharmacology, Drug Discovery, Pharmacology Education, and Systems & Integrative Pharmacology Joint Mixer at EB 2009:



DIVISION NEWS

Division for Drug Metabolism and Toxicology Joint Mixer at EB 2009:



Division for Molecular Pharmacology Mixer at EB 2009:



Have you Joined a Division?

Take full advantage of ASPET Membership by joining a Division!!



You can participate in creating the scientific program for the annual meeting.

You can network with people in your field at the mixers and divisional programming at the annual meeting.



You can participate in running the division and planning its activities.

You get special notices and newsletters about items and activities of interest in your field.



CHAPTER NEWS

Great Lakes Chapter 2009 Annual Meeting:

The University of Chicago Gleacher Center
450 North Cityfront Plaza Dr., Chicago, IL 60611

Preliminary Program:

Registration & Poster Session	8:30 – 12:00
Workshop on Careers in Pharmacology	10:00 – 12:00
Symposium: <i>Neuroinflammation, Neurodegeneration and Drug Discovery</i> Paul M. Carvey, Rush University – <i>Neuroinflammation-Induced Angiogenesis and Parkinson's Disease Progression</i> Linda Van Eldik, Northwestern University – <i>Targeting Glia Proinflammatory</i> F. Javier Garcia-Ladona, Abbott Laboratories – <i>The Use of High Content Analysis and siRNA Approaches in Targeted Drug Discovery for Neurodegeneration</i>	1:00 – 3:00
Keynote Address: <i>Reassessing Chronic Neuroinflammation in Alzheimer's Disease</i> Carol A. Colton, Duke University Medical Center	3:15 – 4:15
Poster Awards	4:15 – 5:00

For More Information and to Register, Visit:

<http://www.aspet.org/public/chapters/glc/meetings.html>

Mid-Atlantic Pharmacology Society 2009 Annual Meeting:

"Nuclear Receptors – From Evolution of Concept to State-of-the-Art Research"

Monday November 2, 2009
Temple University Health Sciences Center
Philadelphia, PA 19140

Distinguished Speaker: Elwood Jensen, PhD, University of Cincinnati Medical Center
Keynote Speaker: Bert O'Malley, MD, Baylor College of Medicine
Meeting will also include Annual Poster Competition, Koelle Award Presentation and More!

For more information visit:

http://www.aspet.org/public/chapters/maps_chapter.htm

For meeting brochure & details contact:

Ms. Jeanne Coughlin
(215) 707-5227

jeanne.coughlin@temple.edu

MEMBERS IN THE NEWS



P. Jeffrey Conn, PhD, was featured in the April 20, 2009 edition of *Chemical & Engineering News*, in an article titled, "Breaking the Mold". The article focuses on Dr. Conn's role in creating a non-traditional Program in Drug Discovery at Vanderbilt University.



Raymond J. Dingledine, PhD, professor and chair of the Department of Pharmacology in Emory University School of Medicine, has been named the school's Executive Associate Dean for Research. He also will continue to serve as chair of pharmacology, a role he has held since 1992 when joining Emory from the University of North Carolina, Chapel Hill.



Alfred G. Gilman, MD, PhD, has announced that he will retire in June from his position as executive vice president for academic affairs and provost of the University of Texas Southwestern Medical Center and dean of the medical school. He will hold the honorary title of emeritus professor of Pharmacology from UT Southwestern. Dr. Gilman has been named the chief scientific officer of the Cancer Prevention and Research Institute of Texas (CPRIT). CPRIT was created by the Texas legislature and voters to supervise the distribution of \$3 billion from general obligations bonds over ten years "to fund grants for cancer research and prevention to expedite innovation in cancer research and to attract and expand cancer prevention treatment research capabilities."

William B. Jeffries, PhD, has accepted the position of Senior Associate Dean for Education at the University of Vermont. He will assume this role on August 1, 2009 and will relocate to Vermont from Omaha, Nebraska, where he is currently the Associate Dean for Medical Education and Director of Academic Computing at Creighton University School of Medicine.

The National Academy of Sciences announced the election of 72 new members in recognition of their distinguished and continuing achievements in original research. **V.C. Jordan, PhD, DSc** and **Paul C. Sternweis, PhD**, were among the 72 new members.

STAFF NEWS

Nancy White, ASPET's Meetings Manager, retired on April 15, 2009. After over ten years of dedicated service, Nancy has decided to pursue other interests including her love of antiques. ASPET threw a retirement reception for Nancy on April 13th and invited many people who worked with Nancy on the FASEB campus. Everyone was very sad to see her go, but we all wish her all the best in her retirement!



Crystal Wygal, has replaced Nancy White as ASPET's Meetings Manager. Crystal was hired last year on a temporary basis to assist with the planning and organization of Experimental Biology 2009 in New Orleans. She attended the meeting this year in Nancy's place and has proven herself to be an asset to the Society in meeting management. She is now fully responsible for facilitating and organizing ASPET's annual meeting at Experimental Biology. She is already working hard on the 2010 meeting in Anaheim.

ASPET WELCOMES THE FOLLOWING NEW MEMBERS:

REGULAR MEMBERS:

Jessie L. Au, The Ohio State Univ
Ruth B. Caldwell, PhD, Medical College of Georgia
Yunjia Chen, PhD, University of Alabama - Birmingham
Graeme L. Fraser, PhD, Euroscreen SA
John R. Glowa, PhD, NIH/NCCAM
C. Anthony Hunt, PhD, Univ of California - San Francisco
Yuji Ishii, PhD, Kyushu Univ
Adam B. Keeton, PhD, Southern Research Institute
Young C. Kim, PhD, Seoul National Univ College of Pharmacy
Richard Kones, MD, PhD, Cardiometabolic Research Institute
Eugene A. Konorev, MD, PhD, Univ of Hawaii, Hilo College of Pharmacy
Luke Lightning, PhD, ARYx Therapeutics
Xiaochun Lu, PhD, MPI Research
Xiaochao Ma, PhD, Univ of Kansas Medical Center
Danyan Mao, PhD, Univ of Chicago
Edna R. Pereira, PhD, Univ of Maryland School of Medicine
Cheryl E. Rockwell, PhD, Univ of Kansas Medical Center
Karen R. Snapp, Univ of Illinois -Chicago
Johnson Stanslas, BS, PhD, Univ Putra Malaysia
Pouya Tahsili Fahadan, MD, Medical Univ of South Carolina
Gregory G. Tall, PhD, Univ of Rochester Medical Center
Yasuhiro Uno, PhD, Shin Nippon Biomedical Laboratories, Ltd.
Zhengchao Wang, PhD, Virginia Commonwealth Univ
Bruce Wright, Ross Univ Sch of Med
Ulrich M. Zanger, PhD, Dr. Margarete Fischer-Bosch Institute of Clinical Pharmacology
Jay L. Zweier, MD, The Ohio State Univ

GRADUATE STUDENT MEMBERS:

Kenan Alkhoury, Univ of Bradford
Sainath Babu, Southern Univ, A & M College
Alicia Bolt, Univ of Arizona College of Pharmacy
Jonathan Cachat, Tulane Univ
Peter Canavello, Tulane Univ
Anindya Dey, MSc, Dr. BC Roy Post Graduate Institute of Basic Medical Sciences,IPGME&R
Ingrid Druwe, Univ of Arizona
Yongchuan Gu, MSc, Univ of Auckland
Prasun Guha, MSc, Univ of Calcutta,IPGME&R
Brendan Harmon, Northeastern Univ
Eileen Kessler, Emory Univ
Anthony E. OnYeahialam, BSc, College of Medicine of the Univ of Lagos
Robert Sample, Univ of Mississippi Medical Ctr
Praveen Shukla, MS, North Dakota State Univ
Nadir Ulu, Univ Medical Ctr Groningen
Di Xu, Univ of Iowa

UNDERGRADUATE STUDENT MEMBERS:

Timothy Aungst, Wilkes Univ
Jason Banish, Univ of Michigan
Faith Bazley, Case Western Reserve Univ
Julie Brenner, Drury Univ



NEW ASPET MEMBERS

Alice Cai, Univ of Arizona
Aram B. Cholanians, Univ of Arizona
Shuang Ci, Univ of Arizona
Christina Davis, Univ of New Hampshire
Jennifer Feng, State Univ of New York - Stony Brook
Yoana Gendzhova, Mt Holyoke College
Andrew Haak, MSUM
Anais Hall-Garrison, Albany State Univ
Marisa Hornbaker, State Univ of New York - Buffalo
Milton Jackson, Prairie View A&M Univ
Ibukun Kusimo, Alabama A & M Univ
Craig Kutz, Minnesota State Univ - Moorhead
Pranav Maddali, Pennsylvania State Univ
Kimberly Maize, Amherst College
Clement Nsiah, State Univ New York - Geneseo
Sharon D. Ochs, BS, Wright State Univ
Daniel Osipovitch, Univ of New Haven
Maria-Claire Pietak, Union College
Danielle Rastedt, Minnesota State Univ - Moorhead
Jacki Rorabaugh, Winona State Univ
Kristin Silinski, New York Univ
Lindsey Sime, Univ of Wisconsin - Eau Claire
Veneta Slavova, Univ of Massachusetts - Boston
Kimberly Stuchul, Univ of Pittsburgh
Sara Sukenik, Princeton Univ
Anthony Tedesco, Massachusetts College of Pharmacy
Arne Ulbrich, Hampden - Sydney College
Ankit Vartak, Johns Hopkins Univ
George Wasef, Wilkes Univ
Jacob Winschel, Univ of Pittsburgh
Andrew Zheng, Duke Univ

RECRUIT AN ASPET MEMBER!

Do you have a friend, colleague or student who is not yet an ASPET member?
Be sure to tell them about ASPET membership!

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offer, be sure to visit:

www.aspet.org

*ASPET WOULD LIKE TO HONOR
THE FOLLOWING MEMBERS:*

*John D. Arnold
Walter E. Barrett
Alfred Burger
Jack R. Cooper
Salvatore J. DeSalva
Joseph H. Fleisher
C. T. Harwood
Herbert J. Kayden
Samuel Kuna
Frank J. Macrí
William H. Morse
Edmund F. Murtha
John W. Nelson
Ralph E. Tedeschi
James R. Weeks
Bob West
Richard P. White*

*Thank you for your commitment to ASPET and the
discipline of pharmacology for the past FIFTY years!!*



ASPET notes with sympathy the passing of the following members:

Nathan Back, DSc

Theodore E. Gram, PhD

Robert F. Furchgott, PhD





Norman Weiner
1928 – 2009

Norm Weiner, a member of ASPET since 1959, died on March 5, 2009 at his home in Denver, Colorado. Best known for his pioneering work on catecholamine synthesis, storage, and release, Norm was equally committed to scientific research and to education, making enormous contributions to the development of leaders and to science policy.

Norm was born in Rochester, New York. His father was a tailor and a designer of men's clothing. His mother stayed at home with the children. It was she who always stressed the importance of education for Norm, his three brothers, and his sister. Norm completed his undergraduate work in chemistry at the University of Michigan, graduating with a B.S. in 1949 and then entering Harvard Medical School. He graduated from Harvard in 1953 and then interned on the 2nd and 4th Harvard Medical Service at Boston City Hospital.

After serving as a Research Medical Officer and an Instructor in the Department of Pharmacology-Biochemistry at the School of Aviation Medicine in San Antonio, Texas, Norm returned to Harvard in 1956. He was appointed an Assistant Professor of Pharmacology in 1961. In 1967, he was appointed Professor and Chairman of Pharmacology at the University of Colorado. He was interim Dean at the University of Colorado from 1983 to 1984 and was Divisional Vice-President for Pharmaceutical Discovery at Abbott Laboratories from 1985 to 1987. After suffering a stroke in 1987, Norm returned to his Professorship at the University of Colorado, a position he held until his death.

A personal anecdote describes his early commitment to education. I first met Norm in 1963 while a student at Harvard Medical School. I introduced myself to him and asked to borrow a piece of equipment. Rather than worrying about any possible impact on his research, he asked me what I was doing and gave me an opportunity to explain and defend the research that I was carrying out. In short, he was educating a young student. We next met when I was a post-doctoral fellow at the NIH. Norm had come to Washington to present a seminar, and I was lucky enough to be his host at dinner. It wasn't clear whether I was more interested in getting a faculty position in his department or he was more interested in filling a faculty slot. Although details and formalities remained, we both believed that my wife and I would be moving to Colorado. The Department of Pharmacology at the University of Colorado was a wonderful place to work. Under Norm's leadership, science flourished. At the same time, the importance of education was never overlooked. Norm attended nearly all of the lectures to medical students and scored 100% on virtually all of the exams. This was a feat none of us could come close to matching. Most days after giving a lecture, you could anticipate a visit from Norm. He would usually start out with a compliment and would then proceed to tell you exactly how you could improve your lecture. Woe to the faculty member who got a fact wrong.

Development of the careers of the scientists in the department was always a priority for Norm. Some of the scientists who were recruited, people like Bob Murphy and Nancy Zahniser, went on to play important scientific and administrative roles at the University of Colorado. Others, including Barry Hoffer, Chip Rutledge, John Perkins, and me, went on to senior administrative positions at universities, companies, or at the NIH. Norm's ability to encourage the success of those around him was not, of course, limited to his professional colleagues. He had five sons, three of whom became successful physicians, one who attained a degree in chemistry and was a research assistant, and one an accomplished architect.

Norm's scientific contributions were numerous and recognized around the world. His undergraduate interest in chemistry led to an early collaboration with Oleg Jardetsky. They investigated the stoichiometry of the interaction of catecholamines with ATP. In these experiments, they demonstrated that 4 molecules of epinephrine are complexed with a single molecule of ATP with the principal interactions involving ionic binding reinforced by hydrogen bonding between a phosphorus oxygen of ATP and the beta hydroxyl of epinephrine.

Through much of his career Norm's work focused on the peripheral and central autonomic nervous system. He and his collaborators demonstrated that stimulation of sympathetic nerves results in the activation of tyrosine hydroxylase. His team then went on to characterize the molecular basis for this activation, describing a process that involves phosphorylation at multiple sites on the enzyme.

OBITUARY

Norm served on innumerable committees and boards, including many editorial boards, usually as chairman. From 1971 to 1978, he was the Specific Field Editor for Autonomic Pharmacology, and The Journal of Pharmacology and Experimental Therapeutics. He also served on multiple ad hoc committees to review schools and/or departments of pharmacology. He was President of the American Society for Pharmacology and Experimental Therapeutics from 1986-87 and was the first recipient of the Otto Kraye Award, given in 1985.

Norm was a compassionate and caring friend. He knew, respected, and encouraged quality and his loyalty to his friends was truly legendary. His patience and grace during the more than 20 years that he lived with the consequences of a stroke that would have devastated others has served as a model of courage and persistence to his friends and family. He is survived by his devoted wife of 54 years, Diana Elaine Weiner, by 5 sons, Steven, David, Jeffrey, Gareth, and Eric, and by 9 grand children.

Submitted by Perry B. Molinoff, MD, University of Pennsylvania School of Medicine

Keep Us Informed...



**Have you moved, changed jobs, or graduated?
Be sure to keep ASPET informed of any changes.**

**You may update your information at
www.aspet.org by logging in as a member
or send us an email to:
rphipps@aspnet.org**

ASPET-ASTELLAS AWARD IN TRANSLATIONAL PHARMACOLOGY

The ASPET-Astellas Awards in Translational Pharmacology are intended to extend fundamental research closer to applications directed towards improving human health. The awards will be given to 1) recognize those individuals whose research has the potential to lead to the introduction of novel pharmacologic approaches or technologies that may offer significant advances in clinical medicine in the future and 2) to facilitate that translational process. The awards are made possible by a grant to ASPET from the Astellas Foundation.

Three (3) awards of \$30,000 each will be made to individuals. The money may be used for supplemental research funding, travel, training, or in any way that furthers the goals described above. In addition to the \$30,000, award winners will receive travel to and lodging at the ASPET annual meeting for the winner and his/her spouse.

There are no restrictions on nominees for this award. Any ASPET member in good standing may nominate an individual for this award. Selection of the recipients will be made by a committee, appointed by the President of ASPET and comprised of current and former Council members and current Division Chairs. Awards will be judged in two categories, viz. junior and senior investigators, with at least one award being given in each category. Junior investigators are defined as individuals at the assistant professor or equivalent level. In the event that there are insufficient meritorious candidates in either the junior or senior category, the committee reserves the right to make all awards in a single category. Self-nominations will **not** be accepted. The nominations shall be judged on submitted information and take into account:

1. The publication record of the applicant;
2. The quality and impact of the published research cited in support of the award nomination;
3. The potential of the proposed studies to advance clinical medicine through the introduction of novel pharmacological approaches to therapeutics; and
4. The feasibility of the proposed research given the size of the award.
5. The applicant's current funding to support the proposed project. For junior investigators, institutional commitment may also be a consideration.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. A two-page summary that details the importance of the candidate's work and how it meets the criteria of the award;
2. Two additional supporting letters (need not be from ASPET members)
3. Candidate's *curriculum vitae* and bibliography;
4. A two-page statement from the candidate of his/her plans for moving his/her research toward clinical practice and how the award money would be used to further this goal; and
5. Up to 5 articles published or submitted for publication (either PDFs or links to the articles may be submitted).

The receipt date for nominations for the ASPET-Astellas Awards is September 15, 2009 for awards to be presented at Experimental Biology '10 in Anaheim, CA. Award winners will be notified in January 2010. Send nomination information to: jane.nelson@aspet.org.

Winners of the ASPET-Astellas Award for 2007

Katherine Cunningham
P. Jeffrey Conn
Liewei Wang

Winners of the ASPET-Astellas Award for 2008

Randy D. Blakely
Anthony J. Kanai
John S. Lazo

Winners of the ASPET-Astellas Award for 2009

Piyali Dasgupta
Paul A. Insel
Richard R. Neubig

JOHN J. ABEL AWARD

The John J. Abel Award in Pharmacology, named after the founder of ASPET and supported by Eli Lilly and Company, was established to stimulate fundamental research in pharmacology and experimental therapeutics by young investigators. The annual Award consists of \$2,500, a plaque, and hotel and economy airfare for the winner and spouse to the award ceremony at the annual meeting of ASPET.

Nominees for this award shall not have passed their **forty-second birthday on April 30** of the year of the Award. The candidate need not be a member of the Society; however, a nomination must be made by an ASPET member. No member may nominate more than one candidate a year and no candidate may be nominated for more than one major ASPET award in any given year.

The Award shall be made for original, outstanding research in the field of pharmacology and/or experimental therapeutics. Independence of thought, originality of approach, clarity and excellence of data presentation are important criteria. Candidates shall not be judged in comparison with the work of more mature and experienced investigators. Quality rather than the number of contributions shall be emphasized. It shall be the responsibility of the sponsor to make clear the contribution of the candidate to any jointly authored reprints and manuscripts and the originality and independence of the candidate's research. Selection will be made by the ASPET Awards Committee, appointed by the President of ASPET.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Summary that describes the importance of the candidate's work.
2. Six published articles or manuscripts accepted for publication that are a representation of the candidate's work (provided as PDFs or as hyperlinks to the article). **Submit each manuscript PDF as a separate attachment.**
3. Brief biographical sketch of the candidate.
4. Candidate's *curriculum vitae* and bibliography.

Receipt date for nominations for the John J. Abel Award will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Winners of the John J. Abel Award in Pharmacology

1947	George Sayers	1968	Richard J. Wurtman	1989	Kenneth P. Minneman
1948	J. Garrott Allen	1969	Ronald Kuntzman	1990	Alan R. Saltiel
1949	Mark Nickerson	1970	Solomon H. Snyder	1991	Terry D. Reisine
1950	George B. Koelle	1971	Thomas R. Tephly	1992	Frank J. Gonzalez
1951	Walter F. Riker, Jr.	1972	Pedro Cuatrecasas	1993	Susan G. Amara
1952	David F. Marsh	1973	Colin F. Chignell	1994	Brian Kobilka
1953	Herbert L. Borison	1974	Philip Needleman	1995	Thomas M. Michel
1954	Eva K. Killam	1975	Alfred G. Gilman	1996	John D. Scott
1955	Theodore M. Brody	1976	Alan P. Poland	1997	David J. Mangelsdorf
1956	Fred W. Schueler	1977	Jerry R. Mitchell	1998	Masashi Yanigasawa
1957	Dixon M. Woodbury	1978	Robert J. Lefkowitz	1999	Donald P. McDonnell
1958	H. George Mandel	1979	Joseph T. Coyle	2000	William C. Sessa
1959	Parkhurst A. Shore	1980	Salvatore J. Enna	2002	Steven A. Kliewer
1960	Jack L. Strominger	1981	Sydney D. Nelson	2003	David S. Bredt
1961	Don W. Esplin	1982	Theodore A. Slotkin	2004	David P. Siderovski
1962	John P. Long	1983	Richard J. Miller	2005	Randy Hall
1963	Steven E. Mayer	1984	F. Peter Guengerich	2006	Christopher M. Counter
1964	James R. Fouts	1985	P. Michael Conn	2007	Michael D. Ehlers
1965	Eugene Braunwald	1986	Gordon M. Ringold	2008	Katarina Akassoglou
1966	Lewis S. Schanker	1987	Lee E. Limbird	2009	John J. Tesmer
1967	Frank S. LaBella	1988	Robert R. Ruffolo, Jr.		

JULIUS AXELROD AWARD IN PHARMACOLOGY

The Julius Axelrod Award in Pharmacology was established to honor the memory of the eminent American pharmacologist who shaped the fields of neuroscience, drug metabolism, and biochemistry and who served as a mentor for numerous eminent pharmacologists around the world. The Julius Axelrod Award is presented annually for significant contributions to understanding the biochemical mechanisms underlying the pharmacological actions of drugs and for contributions to mentoring other pharmacologists.

The award consists of an honorarium of \$5,000, a medal, hotel, and economy airfare for the winner and spouse to the annual meeting. The formal presentation of this award and medal will be made at the annual meeting of ASPET. The recipient will be invited by the President of the Society to deliver the Julius Axelrod Lecture and organize the Julius Axelrod Symposium at the annual meeting a year hence. The recipient will also be invited by the Catecholamine Club to give a less formal presentation at its annual dinner meeting the year of the award.

There are no restrictions on nominees for this award. However, a nomination must be made by a member of the American Society for Pharmacology and Experimental Therapeutics (ASPET) or the Catecholamine Club. No member may nominate more than one candidate in a year, and no candidate may be nominated for more than one major ASPET award in any given year. The award shall be made on the basis of originality and uniqueness of accomplishments throughout a long career distinguished by sustained, significant contributions to research and mentoring in pharmacology. Selection of the recipient will be made by the Axelrod Award Committee, appointed by the President of ASPET and comprised of members of ASPET and the Catecholamine Club.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Letter of nomination describing the research and mentoring contributions to pharmacology of the candidate that make him/her eligible for this Award, listing major contributions.
2. Brief biographical sketch of the candidate.
3. List of individuals mentored by the individual.
4. Candidate's *curriculum vitae* and bibliography.

Receipt date for nominations for the Julius Axelrod Award will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Winners of the Julius Axelrod Award

1991 Ullrich Trendelenberg
1992 Arvid Carlsson
1993 Norman Weiner
1994 Robert Furchgott
1995 Irwin Kopin
1998 Sidney Spector
1999 Solomon Snyder
2000 Erminio Costa
2001 Toshi Nagatsu
2002 Salomon Langer
2003 Richard Weinshilboum
2004 Richard Palmiter
2005 Marc Caron
2006 Susan Amara
Award Taken over by ASPET
2007 Tong H. Joh
2008 Randy D. Blakely
2009 Palmer W. Taylor

PHARMACIA-ASPET AWARD IN EXPERIMENTAL THERAPEUTICS

The Pharmacia-ASPET Award in Experimental Therapeutics is given annually to recognize and stimulate outstanding research in pharmacology and experimental therapeutics—basic laboratory or clinical research that has had, or potentially will have, a major impact on the pharmacological treatment of disease. The award is supported in perpetuity by a gift from Pharmacia (now Pfizer).

The winner will receive a \$2,500 honorarium, a plaque, hotel, and economy airfare for the winner and spouse to the award ceremony at the ASPET annual meeting.

There are no restrictions on nominees for this award. No one may nominate more than one candidate a year, and no candidate may be nominated for more than one major ASPET award in any given year. The Award shall be made on the basis of published reprints, manuscripts ready for publication, and a two-page summary. Selection will be made by the ASPET Awards Committee, appointed by the President of ASPET.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Two-page summary that details the importance of the candidate's work.
2. Six articles published or ready for publication by the candidate that have direct bearing on the Award (provided as PDFs or as hyperlinks to the article). **Submit each manuscript PDF as a separate attachment.**
3. Brief biographical sketch of the candidate.
4. Candidate's *curriculum vitae* and bibliography.

Receipt date for nominations for the Pharmacia-ASPET Award for Experimental Therapeutics will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Winners of the ASPET Award for Experimental Therapeutics

1969	John A. Oates	1993	V. Craig Jordan
1970	Joseph R. Bertino	1994	Susan Band Horwitz
1971	Elliot S. Vesell	1995	Henry I. Yamamura
1972	Francois M. Abboud	1996	Robert F. Furchgott
1973	Dean T. Mason	1997	Michael M. Gottesman
1974	Leon I. Goldberg	1998	Phil Skolnick
1975	Mackenzie Walser	1999	Yung-Chi Cheng
1976	Louis Lasagna	2000	Saloman Z. Langer
1977	Allan H. Conney	2001	George R. Breese
1978	Attallah Kappas		Became Pharmacia-ASPET Award in Experimental Therapeutics
1979	Sydney Spector	2002	Darryle D. Schoepp
1980	Sanford M. Rosenthal	2003	William C. DeGroat
1981	David G. Shand	2004	Philip Needleman
1982	William H. Prusoff	2005	Donald P. McDonnell
1983	Marcus M. Reidenberg	2006	John C. Lee
1984	Sir James Black	2007	P. Jeffrey Conn
1985	Louis Lemberger	2008	Jerry J. Buccafusco
1986	Alan C. Sartorelli	2009	Kenneth A. Jacobson
1987	Albrecht Fleckenstein		
1988	Jean-Francois Borel		
1989	Benedict R. Lucchesi		
1990	Albert Sjoerdsma		
1991	Theophile Godfraind		
1992	James W. Fisher		

THE BERNARD B. BRODIE AWARD IN DRUG METABOLISM

The B.B. Brodie Award in Drug Metabolism has been established to honor the fundamental contributions of Bernard B. Brodie in the field of drug metabolism and disposition. The Award is presented biennially in even years to recognize outstanding original research contributions in drug metabolism and disposition, particularly those having a major impact on future research in the field. The B.B. Brodie Award is sponsored by the Division for Drug Metabolism, and funds to support the award come from members' contributions.

The award consists of a \$2,000 honorarium, a commemorative medal, hotel, and economy airfare to the award ceremony at the annual meeting. A lecture, delivered by the awardee at the annual meeting, describing appropriate research accomplishments and their future direction, will be published in *Drug Metabolism and Disposition*.

There are no restrictions on institutional affiliation, and a candidate need not be a member of the Society. The only restriction for the Award is that supporting research accomplishments must not be used to win any other major award. Only one nominator is necessary, although more are acceptable, and the nominators need not be members of ASPET. Selection of an awardee will be made biennially by the B.B. Brodie Award Committee, appointed by the President of ASPET with input from the Division for Drug Metabolism.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Nominating letter and no more than five supporting letters detailing accomplishments of the nominee.
2. List of, and comments on, the outstanding papers.
3. Brief biographical sketch of the candidate.
4. Candidate's *curriculum vitae* and bibliography

Receipt date for nominations for the Bernard B. Brodie Award will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Winners of the Bernard B. Brodie Award in Drug Metabolism

1978	James R. Gillette
1980	Minor J. Coon
1982	Donald M. Jerina
1984	Gilbert J. Mannering
1986	Daniel W. Nebert
1988	Wayne M. Levin
1990	Daniel M. Ziegler
1992	F. Peter Guengerich
1994	Paul R. Ortiz de Montellano
1996	Anthony Y.H. Lu
1997	Ronald W. Estabrook
1999	Marion W. Anders
2000	Bettie Sue Siler Masters
2002	Eric F. Johnson
2004	Thomas L. Poulos
2006	Frank J. Gonzalez
2008	Curtis D. Klaassen

THE P.B. DEWS LIFETIME ACHIEVEMENT AWARD FOR RESEARCH IN BEHAVIORAL PHARMACOLOGY

ASPET's Division of Behavioral Pharmacology sponsors the P.B. Dews Award for Research in Behavioral Pharmacology to recognize outstanding lifetime achievements in research, teaching, and professional service in the field of behavioral pharmacology and to honor Peter Dews for his seminal contributions to the development of behavioral pharmacology as a discipline. The biennial award is supported by an endowment made possible by contributions from Aventis, Centre de Recherche Pierre Fabre, Eli Lilly, Harvard University, International Life Sciences Institute Caffeine Committee, Merck (San Diego), Pepsi Cola Company, Pfizer Central Research and Pfizer Global Research and Development, Pharmacia, Wyeth Research, and ASPET members.

The Award consists of \$750, a plaque, and partial travel expenses to the award ceremony at the ASPET annual meeting. The recipient will be invited by the Chair of the Division of Behavioral Pharmacology to deliver a special lecture on this occasion. The lecture will be published subsequently in an appropriate ASPET-sponsored publication.

There are no restrictions on nominees for this award. Nominations may be made by members of ASPET or of any relevant scientific society. Selection will be made by the P.B. Dews Award Committee, appointed by the President of ASPET with input from the Division for Behavioral Pharmacology.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Description of the candidate's major contributions, including scientific, teaching, and professional achievements.
2. Candidate's *curriculum vitae* and bibliography.
3. List of the candidate's trainees.
4. Brief biographical sketch of the candidate.
5. Five major publications (provided as PDFs or as hyperlinks to the article). **Submit each manuscript PDF as a separate attachment.**

Receipt date for nominations for the P.B. Dews Award will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Recipients of the P.B. Dews Award in Behavioral Pharmacology

2002	William H. Morse
2004	Joseph V. Brady
2006	Leonard Cook
2008	Charles R. Schuster

THE GOODMAN & GILMAN AWARD IN RECEPTOR PHARMACOLOGY

The Louis S. Goodman and Alfred Gilman Award in Drug Receptor Pharmacology, contributed by GlaxoSmithKline, was established to recognize and stimulate outstanding research in pharmacology of biological receptors. Such research might provide a better understanding of the mechanisms of biological processes and potentially provide the basis for the discovery of drugs useful in the treatment of diseases.

The award is presented biennially in even years and consists of an honorarium of \$2,500, a plaque, hotel, and economy airfare for the winner and spouse to the award ceremony at the ASPET annual meeting.

There are no restrictions on the nominees for this award; however, nominations must be made by a member of ASPET. No member may nominate more than one candidate a year, and no candidate may be nominated for more than one major ASPET award in any given year. The award is to be made on the basis of the research contributions described in published work or submitted manuscripts and a summary of those contributions described in the letter of the individual who nominates the candidate. Selection will be made by the ASPET Awards Committee, appointed by the President of ASPET.

Nominations shall be submitted **electronically** to jane.nelson@aspet.org and shall consist of:

1. Summary that details the importance of the candidate's work.
2. Brief biographical sketch of the candidate.
3. Candidate's *curriculum vitae* and bibliography.
4. Six articles published or ready for publication that have direct bearing on the award (provided as PDFs or as

hyperlinks to the article). **Submit each manuscript PDF as a separate attachment.**

Receipt date for nominations for the Goodman and Gilman Award in Receptor Pharmacology will be 5:00 pm on **September 15, 2009** for an award to be presented at Experimental Biology '10 in Anaheim, CA.

Winners of the Goodman and Gilman Award in Drug Receptor Pharmacology

1980	Solomon H. Snyder
1982	Pedro Cuatrecasas
1984	Robert F. Furchgott
1986	Robert J. Lefkowitz
1988	Ronald M. Evans
1990	Alfred G. Gilman
1992	Paul Greengard
1994	Jean-Pierre Changeux
1996	Elliott M. Ross
1998	David Garbers
2000	Melanie Cobb
2002	William B. Pratt
2004	Lee E. Limbird
2006	Anthony R. Means
2008	Craig C. Malbon

CALL FOR AWARD NOMINATIONS FOR 2010

PAUL M. VANHOUTTE DISTINGUISHED LECTURESHIP IN VASCULAR PHARMACOLOGY

The Paul M. Vanhoutte Award in Vascular Pharmacology was established to honor Dr. Vanhoutte's lifelong scientific contributions to our better understanding and appreciation of the importance of endothelial cells and vascular smooth muscle function in health and disease and for his mentoring of countless prominent endothelial and vascular biologists and pharmacologists.

The Paul M. Vanhoutte Award is a biennial award, consisting of an honorarium of \$1,000, a custom-designed crystal bowl depicting the named Lectureship, and up to \$2,000 travel expenses including registration to the annual spring ASPET meeting. A recipient will be selected and invited to deliver a state-of-the-art lecture on recent advances in vascular biology and pharmacology at the spring ASPET meeting (Division's programming session). The presentation of his/her research should be of broad interest and contribute to the growth of the Cardiovascular Pharmacology Division.

There are no restrictions on institutional affiliation, nationality, or age of the candidate, but the recipient must be a member of ASPET. Nominations must be made by a member of ASPET, and no member may nominate more than one candidate per year. Final selection of the recipient will be made by the Award Committee of the Division for Cardiovascular Pharmacology.

Nominations should consist of not more than five letters from nominators describing the contributions to vascular biology and pharmacology of the candidate that make him/her eligible for this award and listing of his/her major contributions, together with a complete *curriculum vitae*.

To ensure consideration, all information must be submitted electronically to Jane Nelson (jane.nelson@aspet.org), **no later than September 15, 2009**.

ASPET DIVISION OF PHARMACOLOGY EDUCATION TRAVEL AWARD FOR PHARMACOLOGY EDUCATORS

The ASPET Division of Pharmacology Education is pleased to announce the opening of applications for the 2010 Travel Award for Pharmacology Educators. The primary goal of this travel award is to promote participation in a FASEB-ASPET Meeting by pharmacology educators and to foster career development in pharmacology education.

Although there are no restrictions on faculty rank, the eligibility criteria are that the applicant (1) has significant teaching responsibilities in the area of pharmacology and (2) is a member of ASPET (primary or secondary membership in the Division of Pharmacology Education is encouraged). The areas of teaching responsibilities in pharmacology can include instruction in graduate and undergraduate college classes as well as professional schools. In addition to curriculum delivery, preference will be given to the applicant demonstrating efforts in creative aspects of pharmacology education, e.g., curricula design assessment and faculty development.

The award (not to exceed \$2,000) can be used to defray any of the following as needed: ASPET dues, travel expenses, registration, hotel accommodations, and cost of meals. All reimbursement expenses must be consistent with the guidelines of ASPET. The applicant will receive a plaque in recognition of their receipt of the award.

Application and Submission information may be found at:

<http://aspet.org/public/divisions/education/award%20announcement.htm>

Definitions of Categories of ASPET Membership

Regular Members: Any doctoral level investigator who has conducted and is the primary author on at least one publication of an original study in the area of pharmacology published in a peer-reviewed journal is eligible for membership in ASPET. Exceptions may be made for someone who does not meet the degree requirement but who has made major research contributions to pharmacology. Dues for regular members are \$140/year. Regular members must be nominated by two (2) Regular or Retired ASPET members.

Affiliate Members: An investigator who does not meet the requirements for Regular membership because of the lack of a degree or lack of publication is eligible to apply for Affiliate membership. Affiliate members receive all the same member benefits as Regular members except that they may not vote in ASPET elections. Dues for Affiliate members are \$105/year. Affiliate members must be nominated by one (1) Regular or Retired ASPET member.

Student Members: Individuals who are enrolled in undergraduate, graduate, or professional degree programs are eligible for Student membership in ASPET. Student members receive all the same benefits as Regular Members except that they may not vote in ASPET elections. Individuals may remain in the Student Member category for up to two (2) years following completion of their research doctoral degree. Undergraduate students pay no dues. Dues for second year and above Student members are \$30. Student members must be nominated by one (1) Regular or Affiliate ASPET member.

Sponsors should send an email or letter addressing the applicant's qualifications for ASPET membership directly to the ASPET office (rphipps@aspet.org).

Regular Member Benefits (Dues \$140):

- Reduced page charges to for corresponding authors to publish in ASPET journals – pay \$40/page instead of \$80/page and save enough with one four-page article to pay your annual ASPET dues!
- Half-price color fees to publish color figures in ASPET journals.
- Free full-text access to all five online ASPET journals, including all back issues.
- Free subscription to *Molecular Interventions* (print) and *The Pharmacologist* (online).
- Reduced subscription rates for ASPET print journals.
- Reduced registration fees for ASPET meetings.
- Sponsorship of papers at the ASPET meeting.
- Best abstract awards for young scientists at the ASPET meeting.
- Free listing in the FASEB Directory.
- Membership in multiple ASPET Divisions for no additional dues.

Affiliate Members (Dues \$105) have all the benefits of Regular Members except they may:

- Sponsor candidates for Student membership only.
- Not sponsor a paper for a non-member at a Society meeting.
- Not vote in Society elections.
- Not hold an elected office in the Society.

Student Members (Dues \$30) have all the benefits of Regular Members except they:

- Pay no dues their first year.
- Pay only \$30 annual dues thereafter. Undergraduate student members pay no dues and get their first graduate year free.
- Must have their papers at Society meetings sponsored by a member.
- May not vote in Society elections nor hold an elected office in the Society.

2009 Publication Subscription Rates for Members

All Society Members qualify for the following reduced print publication subscription rates:

- *Journal of Pharmacology and Experimental Therapeutics* (Monthly) - \$210/year
- *Pharmacological Reviews* (Quarterly) - \$89/year
- *Drug Metabolism and Disposition* (Monthly) - \$112/year
- *Molecular Pharmacology* (Monthly) - \$152/year
- *Molecular Interventions* (Bimonthly) – included with dues

APPLICATION INSTRUCTIONS

Submit the completed Application for Membership form or use the online application form on the ASPET web site at <http://www.aspet.org/public/membership/membership.html>. Submit a current *curriculum vitae* including bibliography for Regular and Affiliate Membership. You may e-mail the CV to the ASPET Membership Coordinator, Robert Phipps, rphipps@aspet.org.

Sponsor Statements: Submit a statement(s) of qualifications of the applicant from two Regular/Retired Members of ASPET for Regular Membership or from one Regular/Retired Member of ASPET for Affiliate Membership and Student Membership (Affiliate Members may also sponsor student applicants). In addition to the statement certifying that the applicant is qualified for ASPET membership, sponsors should provide their own current address, phone, fax, and email. **It is the responsibility of the applicant to insure that these documents are submitted to the ASPET office.**



Membership Application – TP0609

Please Complete All Sections:

Section 1: Application Details

Application for:

- Regular Membership
- Affiliate Membership
- Graduate Student – Expected Date of Graduation: _____
- Undergraduate Student - Year: Fr Soph Jr Sr

Section 2: Source

How did you hear about ASPET:

- Meeting _____
- ASPET Journal _____
- Mentor _____
- Other _____

Section 3: Personal Information

Name:

Institution:

Address:

Telephone:

Fax:

Email:

Section 4: Optional Demographics (Not Required)

Date of Birth: _____

Sex: Female Male

- Ethnicity: Asian
- Black or African American
- American Indian or Alaskan Native
- Hispanic or Latino
- Native Hawaiian or Pacific Islander
- White
- Other: _____

The information in this section will be used by ASPET to collate statistics and will be kept private. Completion of this section is voluntary.

Section 5: Sponsors (Must be ASPET Members)

Name and email of your sponsor(s): (2 sponsors required for Regular Membership & 1 sponsor for Student and Affiliate Membership)

Please have your sponsor(s) send us a brief letter or e-mail outlining your qualifications for membership in ASPET to the Membership Coordinator, Robert Phipps, (rphipps@aspet.org).

Section 6: Division Selection

Divisions: *Division membership is a benefit of ASPET membership and there is no additional charge to belong to a division. It is highly recommended that you join a division so that you may take full advantage of Society participation. Joining a division allows you to participate in creating the scientific program for the annual meeting, network with people in your field at mixers and divisional programs, and receive special notices and newsletters about items and activities of interest in your field. Be sure to pick a division!*

Indicate primary (1) and as many secondary (X) divisions to which you wish to belong:

- | | |
|---|--|
| <input type="checkbox"/> Division for Behavioral Pharmacology | <input type="checkbox"/> Division for Drug Metabolism |
| <input type="checkbox"/> Division for Cardiovascular Pharmacology | <input type="checkbox"/> Division for Molecular Pharmacology |
| <input type="checkbox"/> Division for Clinical Pharmacology, Pharmacogenomics, & Translational Medicine | <input type="checkbox"/> Division for Neuropharmacology |
| <input type="checkbox"/> Division for Drug Discovery, Development & Regulatory Affairs | <input type="checkbox"/> Division for Pharmacology Education |
| | <input type="checkbox"/> Division for Systems & Integrative Pharmacology |
| | <input type="checkbox"/> Division for Toxicology |

Section 7: Curriculum Vitae

Regular, Affiliate, and Graduate Student applicants: Please send your *Curriculum Vitae* (including bibliography) by email to the Membership Coordinator, Robert Phipps (rphipps@aspet.org).

Undergraduate Student Applicants Only:

Current Education :

Expected Degree & Date:

School:

City/State/Country:

Major Field:

Applications are reviewed on a rolling basis. Please DO NOT send payment with your application.

Upon membership approval, you will be sent a dues statement and welcome package.

Student Membership is FREE for the first year, Regular members pay \$140, Affiliate Members pay \$105.

Call or e-mail the ASPET Membership Department for additional information: 301-634-7135 / rphipps@aspet.org.