Highlights of the 2011 Experimental Biology Meeting – Washington, D.C.

Dr. Larry Swanson presented the 2011 Joseph Erlanger Distinguished Lectureship, which was entitled “Organization of Neural Systems Controlling Eating and Drinking.” Dr. Swanson is the Milo Don and Lucille Appleman Professor of the Department of Biological Sciences at the University of Southern California in Los Angeles. Dr. Swanson, a member of the National Academy of Sciences, was recently elected as President of the Society for Neuroscience.

Dr. Ann Schreihofer, Chair of the Central Nervous System Section, presented Dr. Swanson, with a plaque to commemorate his lecture at the Experimental Biology meeting.

Congratulations to the 2011 Experimental Biology Award Winners!!!

Meritorious junior CNS section members were presented awards at the CNS reception. The Van Harreveld award was given to the highest ranked abstract submission from a graduate student. Three Research Recognition awards were given to the highest ranked abstract submissions from postdoctoral researchers or junior faculty members. One New Investigator award was given to the highest ranked junior faculty applicant, and was based on their meritorious contributions to CNS-related research judged by their curriculum vitae and nomination letters. CNS reception attendees enjoyed an evening of celebrating the accomplishments of their awardees while partaking of excellent company, food, and beverages. This was a great opportunity to meet with other members of the CNS section and find out more about how to get involved.

Ann Schreihofer, Chair, CNS Section; Wencheng Li, Research Recognition Award; Nicole Nichols, Research Recognition Award; Brian Head, New Investigator Award; Dorothy Erlanger, Honored guest, granddaughter of Dr. Joseph Erlanger; Rohit Ramchandra, Research Recognition Award; Daian Chen, Van Harreveld Award; Larry Swanson, Erlanger Distinguished Speaker 2011
Congratulations to the David Bruce Award Winners
Excellence in Undergraduate Research - EB 2011

The David S. Bruce Outstanding Undergraduate Abstract Award and Excellence in Undergraduate Research Award are awarded to undergraduate students presenting at the EB meeting as first author on a submitted abstract and working with an APS member. The Bruce Awards promote undergraduate involvement in research, in the APS annual meeting, and, ultimately, in research careers in honor of David S. Bruce.

***At EB 2010, the CNS Section was the first APS section to financially sponsor an undergraduate research award and continues to support the David S. Bruce Undergraduate Awards. If you are interested in supporting a Bruce Award, or any other CNS section activity, information can be found at http://www.the-aps.org/awards/student/bruce.htm and https://www.the-aps.org/ebuspprod/OneClickDonation/tabid/229/Default.aspx?ProductId=82 Donations are tax deductible.

2011 David S. Bruce Outstanding Undergraduate Awardees
and
David S. Bruce Excellence in Undergraduate Research Awardees

Ashley J. Bauer**
University of Minnesota, Duluth

Joseph E. Jacobson**
University of Wisc-Madison

John R.A. Shepherd
Mayo Clinic

Samantha J. Bilko**
Oklahoma State University

Kyle W. Leggett**
Johns Hopkins School of Medicine

Natalie N. Snider
University of Kentucky

Drew S. Colson
University of Mississippi Med Ctr

Carly J. Lewis
University of California, Davis

Naina Soni
University of Maryland

Stephanie V. Eldred
Pennsylvania State University

Molly E. MacDonald
Michigan State University

Kyle Stang**
University of Wisconsin-Madison

Julia V. Gorgone**
University of California, Davis

Beryl Manning-Geist**
Williams College

Michelle Sullivan**
Colorado State University

Jonathan P. Gumucio**
University of Michigan

Brittany L. Reinert**
Wright State University

Eliza S. van Heerden
Bates College

Jarl M. Haggerty
University of Arizona

Ruben Rodriguez
University of California, Merced

Sen Xu
Tulane University

Robert Heler
University of Richmond

Mehria Sayad-Shah**
Univ of California, San Diego

Caitlin M. Zillner
University of Wisc - Madison

** indicates David S. Bruce Excellence in Undergraduate Research Awardees
Welcome to our new CNS section members!

**Student Members:** Jessica Anderson, Richard Babbas, Nicholas Clute-Reinig, Leanna Cruikshank, Angela Danborno, Antje Fillbrandt, Jarl Haggarty, Michele Insanally, Shadi Khademi, Susan M. Lang, Anfei Li, Jesse Solomon, Paul Strong, Katcha Taylor, Catalina Vallejo-Giraldo, Junie Warrington, Rebecca Webster


---

**Congratulations to CNS members appointed for APS service!!!**

- **President of the APS:** Sue Barman
- **Animal Care Committee:** T. Richard Nichols
- **International Committee:** Zhilin Song
- **Membership Committee:** Stuart McDougall
- **Porter Physiology Development:** Margarita Curras-Collazo

**Current CNS Representation on APS Committees - Thank you for your service.**

- **APS Council:** Ida Llewellyn-Smith
- **Animal Care and Experimentation:** Bill J. Yates (Chair)
- **Committee on Committees:** Steven W. Mifflin
- **Conference Committee:** Glenn M. Toney
- **Education Committee:** Michael Wyss
- **Section Advisory Committee:** Ann Schreihuber
- **Trainee Advisory Committee:** Erin Dale-Nagle

**CNS members completing service on APS Committees in 2011 - Thank you for your service.**

- **Animal Care Committee:** James Gnadt
- **Conference Committee:** Sean Stocker
- **Education Committee:** Erin Keen-Rhinehart
- **Publications Committee:** Celia Sladek
- **Women in Physiology Committee:** Jessica Filosa, Karen Gosselink
- **AAAS representative to FASEB:** Scott Carlson
- **CNS Steering committee:** Javier Stern, Michael Finley
Central Nervous System Section
Summer 2011 Newsletter

Are you interested in serving on an APS Committee?

Applications for various APS committees are due this winter. Nominees will be voted on at the 2012 Experimental Biology meeting and begin appointments in January 2013. The nomination process is simple and easy. If interested, please contact Steve Mifflin or see: http://www.the-aps.org/committees/nominate.htm

Awards - Oversee all of the award programs of the Society to ensure uniformity and conformity with the goals of APS; Select awardees for APS awards (Research and Teaching Career Enhancement, APS Postdoctoral Fellowship in Physiological Genomics, Arthur C. Guyton Awards for Excellence in Integrative Physiology, Shih-Chin Wang Young Investigator, Lazaro J. Mandel Young Investigator).

Career Opportunities in Physiology is advisory to Council and serves as a resource for current information regarding availability and need for appropriately trained physiological manpower.

Communications Provide direction, set priorities, and devise strategies for the promotion of the physiological sciences, the Society, and the Society’s interests and activities

Daggs Award Nominate a candidate for the annual Ray G. Daggs Award. This person will have provided distinguished service to the science of physiology through his/her research and to the American Physiological Society, in particular, by holding a prominent position in the Society

Finance Recommend at the fall meeting of Council an annual budget for the succeeding year (January 1 to December 31) based on a proposed budget submitted by the Executive Director and the Director of Finance.

International Physiology Communicate and confer with the International members of APS to ensure that the Society meets their membership needs; In consultation with Council, handle all matters pertaining to international physiological affairs; Develop mechanisms for and promote interactions and exchanges between APS members and other international physiologist and enhance the role of APS within the international scientific community.

Perkins Memorial Fellowship Supervise administration of the Fund, including publication of brochures describing its purpose and operations, namely to aid and encourage enterprises in physiology that have cultural as well as scientific merit.

Physiologists in Industry Integrate the diversity of industry members into the APS by enhancing student and trainee understanding of the vast and diverse scientific and career opportunities in all facets of industry; Society awareness of the innovation, rigor, and process involved in industry science; member visibility and participation in APS sections and committees; Mentor, student, and trainee awareness and understanding of the scientific and interdisciplinary skills necessary to prepare for careers in industry science

Publications Manage the publications of the Society under policies determined by Council. Appoint editors, associate editors, and editorial boards; Solicit nominations from the editors of the Society’s journals for membership on the Publications Committee, Evaluate journal goals, prior to the expiration of the editors’ first term; Deal with ethical issues regarding publications as they arise.

Science Policy Monitor science policy issues of concern to physiologists, including biomedical research funding, agency policies, and research ethics. Develop and execute plans of action to address science policy issues that may impact physiologists. Coordinate public affairs interests and activities with the APS Sections. Carry out other science policy projects delegated by the Council. Organize symposia on science policy topics at the Experimental Biology meeting.

Senior Physiologists Deal with all matters pertaining to emeritus members and members about to retire; Develop and maintain liaison with emeritus members; Submit articles on senior physiologists for publication in The Physiologist; Assist in the selection of recipients of the G. Edgar Folk Senior Physiologists Award

Women in Physiology Administer a Mentoring Program for junior physiologists; Administer the Bodil-Schmidt-Nielsen Distinguished Mentor and Scientist Award; Administer the Caroline tum Suden/ Frances Hellebrandt Professional Opportunity Awards; Bring relevant matters to the attention of Council and act on Council recommendations; promote the discipline of physiology as a rewarding career to junior scientists and encourage their active membership in the Society; nominate women APS members for the annual FASEB Excellence in Science Award. Organize a trainee oriented workshop at the EB meeting.
Abstract Submission Deadline: Monday, November 8th, 2011
http://experimentalbiology.org/EB/pages/default.aspx?splashpage=1

2012 Joseph Erlanger Distinguished Lecture

Stephen Woods, Ph.D.
University of Cincinnati
Monday, April 23, 2012
3:30 – 5:30 PM

CNS Sponsored Symposia and Featured Topics

Featured Topics

Disruption of Central Sympathetic Control Mechanisms: Implications for Obesity-related Hypertension
Chairs: Daniela Sartor, Sean Stocker
Time: Sunday, April 22, 10:30 am-12:30 pm

Chronic Intermittent Hypoxia: Respiratory, Autonomic and Cardiovascular Consequences
Chairs: Ann Schreihofer, Glenn Toney
Time: Monday, April 23, 10:30am-12:30pm
Symposia

Functional Integration in the Hypothalamic Paraventricular Nucleus
Chair: Alan Watts, Greti Aguilera
Speakers: G. Aguilera, A. Watts, J. Stern, J. Radley
Time: Sunday April 23, 3:30pm-5:30pm

Towards a Biology of Body Weight Regulation: The Work of Stephen Woods
Chair: Randy Seeley, Stephen Woods
Speakers: A. Sclafani, T. Moran, H. Berthoud, R. Seeley
Time: Monday, April 23, 8:00am-10:00am

Cross Sectional Symposium of Interest
“Brain Insulin: The Forgotten Partner of Leptin?”
Chairs: Kamal Rahmouni, Virginia Brooks
Speakers: D.J. Clegg, A.D. Cherrington, K. Rahmouni, V. Brooks
Time: Sunday, April 22, 8:00 am-10:00 am

Submit abstracts to our Featured topics and Poster Sessions

CNS Featured topics:
1068-APS Consequences of chronic intermittent hypoxia
1069-APS Sympathetic dysregulation in obesity

*Abstracts selected for oral presentation in featured topics will also be presented in a CNS poster session.

CNS Poster topics:
1070-APS Cognition and Behavior
1071-APS Blood Brain Barrier, Blood Flow and Metabolism
1072-APS Brain Development and Aging
1073-APS Neuroinflammation/neurprotection/ischemia
1074-APS Neurodegenerative and Neurotoxic Disorders
1075-APS Neuroendocrinology/Neuroimmunology
1076-APS Neuronal Excitability (ion channels, transporters)
1077-APS Neuroplasticity
1078-APS Neurotransmission and Signaling Molecules
1079-APS Central Nervous System: other
1080-APS Central Regulation of Food Intake and Body Weight
1081-APS Central Regulatory Systems
CNS Section Steering Committee

Chair and SAC Representative
Ann M. Schreihofer, Ph.D.
University of North Texas HSC
Phone: 817-735-2302
Email: Ann.Schreihofer@unthsc.edu
Term ends: 2011

Secretary-Treasurer
Janice Urban, Ph.D.
Rosalind Franklin University
Phone: 847-578-3283
Email: Janice.urban@rosalindfranklin.edu
Term ends: 2014

Committee on Committees Representative
Steven W. Mifflin, Ph.D.
University of North Texas HSC
Phone: 817-735-2313
Email: Steve.Mifflin@unthsc.edu
Term ends: 2012

Section Program Committee Chair
Joint Program Committee Representative
Sean D. Stocker, Ph.D.
Penn State College of Medicine
Phone: 717-531-0003 (x285573)
Email: sstocker@hmc.psu.edu
Term ends: 2014

Awards Subcommittee Chair
Kirsteen N. Browning, Ph.D.
Penn State College of Medicine
Phone: 717-531-8267
Email: kirsteenbrowning@hotmail.com
Term ends: 2013

Physiologists in Industry Committee Rep
James (Jim) Herrington
Genentech, Inc.,
Phone: 650-225-1258
Email: herrington.james@gene.com
Term ends: 2014

Trainee Advisory Committee Representative
Erica Dale-Nagle
University of Wisconsin-Madison
Phone: 608-263-5013
Email: edale@wisc.edu
Term ends: 2014

International Representative
Anthony J.M. Verberne
Univ. of Melbourne, Dept. of Med., Austin Health
Heidelberg, 3084 Australia
Phone: 61 3 9496 5978
Fax: 61 3 9459 3510
Email: antonius@unimelb.edu.au
Term ends: 2014

Ex-Officio Members
Susan Barman (APS President)
Scott Carlson (AAAS, Biology Rep)
Bill J. Yates (Animal Care and Experimentation)
Glenn Toney (Conference Committee)
Ida J. Llewellyn-Smith (APS Council)
J. Michael Wyss (Education)
Stuart McDougall (Membership)
Zhilin Song (International Committee)