Greetings from the CNS Section Chair

Whether your flowers are beginning to bloom or you are digging your way out of what hopes to be that last snow, Spring 2010 is here! Experimental Biology meeting 2010 is right around the corner, too, on April 24-28. I hope you have your reservations and registrations squared away for what promises to be an exciting meeting. Even if you are not fond of Disney, it will be great to meet up with friends and colleagues and to make new acquaintances in Anaheim, CA.

We are proud to have Dr. Allan Basbaum, of the University of San Francisco, as our Joseph Erlanger Distinguished Lecturer for 2010. Don’t miss his talk entitled “The generation and control of pain: From molecules to circuits to behavior” on Monday, April 26 at 10:30 am. This hour will be followed by a special symposium in honor of Dr. Basbaum. Please see the next pages of our newsletter for information regarding our symposia and featured topics. In addition, the poster themes and days are detailed for your information.

We will conclude Monday at EB with our CNS reception beginning at 5:30 pm at the EB headquarters hotel, the Anaheim Marriott, in the Orange County Ballroom Salon 2. Wrap up that last session of the day and head on over for a free beverage of your choice and hot and cold appetizers. Please come and meet our speakers and congratulate our section award winners!

At EB two of our steering committee members will be completing their terms. We would like to thank Drs. Frank Golder and Ida Llewellyn-Smith for their service to the section. Please join me in congratulating Ida Llewellyn-Smith on being elected a new member of Council for the American Physiological Society. We are pleased to announce our newest additions to the CNS steering committee, Dr. Janice Urban (Associate Professor, Rosalind Franklin University of Medicine) and Dr. Kirsteen Browning (Assistant Professor, Penn State College of Medicine). On the other hand, we are still in search of a new trainee representative for the CNS section. This is a great opportunity for a trainee to network, gain national exposure, and get a free trip to APS headquarters in Bethesda, MD each Fall. See this link for more information: http://www.the-aps.org/committees/trainee/. If you are interested in being considered for the position, please contact me. Trainee APS members with CNS section as their primary affiliation welcome!

Thank you to all of you who nominated for consideration for APS committees. The Committee on Committees will be meeting at EB to make final decisions for these appointments to begin January 2011. Stayed tuned……

See you all in Anaheim!

Ann Schreihofer, Medical College of Georgia: ASchreihofer@mcg.edu
2010 Erlanger Distinguished Lectureship of the Central Nervous System Section

Allan Basbaum, PhD
Department of Anatomy
University of California, San Francisco

“The Generation and Control of Pain: From Molecules to Circuits to Behavior”

Monday, April 26th, 10:30 – 11:30 AM
Anaheim Convention Center, Ballroom B

*A 1-hour “Tribute to Dr. Allan Basbaum” will follow the Erlanger Lectureship Chaired by William Martin

Congratulations to our 2010 Experimental Biology Award Winners!!!

New Investigator Award:
Daniela Sartor, PhD – Department of Medicine, University of Melbourne

Research Recognition Awards:
Jason R. Carter, PhD – Department of Exercise Science, Health and Physical Education, Michigan Technological University
Paul J. Marvar, PhD – Department of Medicine, Emory University
Stuart McDougall, PhD – Department of Physiology & Pharmacology, Oregon Health Science University

Van Harreveld Award:
Amy Arnold – Hypertension & Vascular Medicine Research Center, Wake Forest University School of Medicine
# CNS Related Programming for EB2010 (*CNS sponsored)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Type / Room</th>
<th>Title</th>
<th>Chair</th>
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<tbody>
<tr>
<td><strong>Sunday, April 25th</strong></td>
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<tr>
<td>8:00-9:00 AM</td>
<td>Ludwig / Ballroom B</td>
<td>Central pathways for thermoregulation</td>
<td>Shaun Morrison</td>
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<td>Tribute / Ballroom B</td>
<td>Gerald L. Gebber – A pioneer in autonomic neuroscience</td>
<td>Shaun Morrison</td>
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<tr>
<td>*10:30-12:30</td>
<td>CNS Featured Topic Marriott Platinum 1/2</td>
<td>Angiogenesis, neurogenesis and brain recovery from Injury</td>
<td>Frank Barone</td>
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<td>10:30 -12:30</td>
<td>NCAR Symposium Marriott Platinum 7/8</td>
<td>Autonomic adjustments to stress</td>
<td>Chester Ray</td>
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<td>Jason Carter</td>
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<td>3:13-5:15 PM</td>
<td>RESP Symposium Marriott Platinum 7/8</td>
<td>Orexin and the control of breathing</td>
<td>Eugene Nattie</td>
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<td>Tomoyuki Kuwaki</td>
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<td><strong>Monday, April 26th</strong></td>
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<tr>
<td>*8:00-10:00 AM</td>
<td>CNS Featured Topic Marrirrott Platinum 1/2</td>
<td>CNS regulation of body temperature</td>
<td>Shaun Morrison</td>
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<tr>
<td>8:00-10:00 AM</td>
<td>NCAR Symposium Ballroom C</td>
<td>Cannon’s voodoo death 2010: Autonomic triggers and adverse cardiac events</td>
<td>William Talman</td>
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<td>Alan Kim Johnson</td>
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<tr>
<td>*10:30-11:30</td>
<td>Erlanger / Ballroom B</td>
<td>The generation and control of pain: From molecules to circuits to behavior</td>
<td>Allan Basbaum</td>
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<td>*11:30-12:30</td>
<td>Tribute / Ballroom B</td>
<td>Tribute to Allan Basbaum</td>
<td>William Martin</td>
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<td>3:15-5:15 PM</td>
<td>J. Physiol. Symposium Ballroom A</td>
<td>Regulation of neuronal cell volume from activation to inhibition to degeneration</td>
<td>Glenn Toney</td>
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<td>Sean Stocker</td>
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<td><strong>Tuesday, April 27th</strong></td>
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<tr>
<td>*10:30-12:30</td>
<td>CNS Featured Topic Ballroom C</td>
<td>Intrinsic and extrinsic regulation of cell volume in the hypothalamus</td>
<td>Colin Brown</td>
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<td>Mike Ludwig</td>
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<td>10:30-12:30</td>
<td>NCAR Featured Topic Rm 303C</td>
<td>Mitochondrial oxidants and antioxidants in autonomic regulation &amp; cardiovascular function</td>
<td>Matt Zimmerman</td>
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<td>3:15-5:15 PM</td>
<td>NCAR Featured Topic Rm 303B</td>
<td>Donald Reis Memorial Trainee Featured Topic</td>
<td>Mark Chapleau</td>
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<td>Erica Wehrwein</td>
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<td><strong>Wednesday, April 28th</strong></td>
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<tr>
<td>8:00-10:00 AM</td>
<td>NCAR Featured Topic Rm 303D</td>
<td>The brain, behavior, and autonomic function in health and disease</td>
<td>Angela J. Grippo</td>
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<td>Julia A. Moffitt</td>
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<tr>
<td>8:00-10:00 AM</td>
<td>RESP Featured Topic Rm 303B</td>
<td>Mechanisms of peripheral chemoreception</td>
<td>Daniel Mulkey</td>
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<tr>
<td>10:30-12:30</td>
<td>Hypoxia Featured Topic Rm 303B</td>
<td>Hypoxia effects on cardio-respiratory function and integration</td>
<td>Kendall Morris</td>
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<td>Nancy Kanagy</td>
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CNS Poster Sessions

Sunday, April 25th
- Cerebral blood flow and ischemia/Neuroinflammation/Neuroprotection

Monday, April 26th
- Behavioral and cognitive neuroscience
- Neuronal Excitability, synaptic transmission, and neuroplasticity

Tuesday, April 27th
- CNS regulation of body temperature
- CNS regulation of food intake and body weight
- Neuroendocrinology and neuroimmunology

Wednesday, April 28th
- Neurodegenerative and neurotoxic disorders
- Other neurobiology

IACUC Related Programming for EB2010

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Session Type</th>
<th>Title</th>
<th>Chair</th>
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<tbody>
<tr>
<td>Saturday</td>
<td>3:15 PM</td>
<td>Trends in Animal Rights Activism and Extremism</td>
<td>Room 303B – Anaheim Convention Center</td>
<td>Bill J. Yates</td>
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<td>April 24th</td>
<td>5:15 PM</td>
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<td>APS ACE Committee</td>
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<td></td>
<td></td>
<td>Participants: Amy Blum – UCLA Senior Counsel</td>
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<td>Paul Cooper – University of Iowa Director of Animal Resources</td>
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<td>David Jentsch – UCLA neuroscientist</td>
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<td>Megan Wyeth – UCLA neurobiology doctoral candidate</td>
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<td>Tuesday</td>
<td>7:30 AM</td>
<td>The Challenges of Running an IACUC: An Open Forum</td>
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<tr>
<td>April 27th</td>
<td>9:00 AM</td>
<td>for IACUC Chairs and Members</td>
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<td>Salon J-K – Anaheim Marriott</td>
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CNS Reception

Monday, April 26th, 5:30 PM
Orange County Ballroom Salon 2, Anaheim Marriott
Trainee Related Programming for EB2010

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<tr>
<th>Date</th>
<th>Time</th>
<th>Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>Saturday</td>
<td>1:00 PM-3:00 PM</td>
<td>“Science Beyond the Laboratory: From Grad School to Retirement”</td>
<td>Room 303B</td>
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<tr>
<td>April 24th</td>
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<tr>
<td>Sunday</td>
<td>8:00 AM-10:00 AM</td>
<td>“Government Careers in Physiology Revealed”</td>
<td>Room 303B</td>
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<tr>
<td>April 25th</td>
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<tr>
<td>Monday</td>
<td>10:30 AM-12:30 PM</td>
<td>“Publishing 101: Dos and Don’ts of Publishing in APS Journals”</td>
<td>Room 303A</td>
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<tr>
<td>April 26th</td>
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<tr>
<td>Monday</td>
<td>3:15 PM-5:15 PM</td>
<td>“Publish Not Perish: How to Survive the Peer Review Process”</td>
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<tr>
<td>Tuesday</td>
<td>8:00 AM-10:00 AM</td>
<td>“A Primer for the New PI: How to Herd Cats and Keep Your Boss Happy”</td>
<td>Room 303A</td>
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<tr>
<td>April 27th</td>
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Welcome New CNS Section Members!!!


Student Members: John Andersen, Melissa Blackman, Jessie Guinn, Robert Hunt, LaTasha Lee, Kai-Mosadi Monde, Felix Matos-Oscasio, Laxmi Parajuli, Demitre Serletis, Kui Xu, Sharleen Yuan
Trainee Advisory Committee (TAC)
Lara DeRuisseau, CNS Representative
Deruislr@lemoyne.edu

It has been an honor to serve as the CNS section representative to the Trainee Advisory Committee! I have found this opportunity to serve the APS to be a wonderful experience. I have met new colleagues, learned more about the interworking of the APS and observed firsthand APS’s dedication to trainees. If you are interested in becoming the next Trainee Advisory Committee representative, please contact me.

During my time on the TAC, we have focused on the needs of graduate students, post-doctoral fellows and junior faculty (and their counterparts in Government and Industry). However, our new Facebook Fan Page also targets the needs and interests of undergraduate students, as they are the future of Physiology! If you are interested in getting updates on awards, career planning, families and science, laboratory management and mentoring, please join the new APS Trainee Facebook Fanpage! Click on the following link to join our page. We have recently updated it and will be disseminating many trainee relevant Featured Topics and Symposia for EB 2010 via the page. http://www.facebook.com/APSTrainees

The Trainee Advisory Committee has just announced Catharine Clark as the Early Career Professional Service Awardee for 2010! Information about Catharine’s exceptional contributions to the physiology community can be viewed at http://www.the-aps.org/awards/society/ECawardee.htm (or the APS Trainee Facebook Fanpage!). She will be writing an article for The Physiologist about her professional service in the upcoming months. More information about this new APS award is available at: http://www.the-aps.org/awards/society/earlycareer.htm

MENTORS: If you have any trainees in your lab, please have them join the Trainee Listserv so they can get updates and newsletters about our committee. Log-in to the APS members only site, on the panel is a choice “subscribe to the Trainee Listserv”. Click “subscribe”

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CNS Reception
Monday, April 26th, 5:30 PM
Orange County Ballroom Salon 2, Anaheim Marriott
CNS Section Steering Committee

Chair and SAC Representative
Ann M. Schreihofer, Ph.D.
Medical College of Georgia
Phone: 706-721-7805
Fax: 706-721-7299
Email: aschreihofer@mcg.edu
Term ends: 2011

Awards Subcommittee
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University of Pennsylvania
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Fax: 215-573-8183
Email: golderf@vet.upenn.edu
Term ends: 2010

Secretary-Treasurer
Sean D. Stocker, Ph.D.
Penn State College of Medicine
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Fax: 717-531-7667
Email: sstocker@hmc.psu.edu
Term ends: 2011

Programming Subcommittee
Frank C. Barone, Ph.D.
SUNY Downstate Medical Center
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Fax: 718-270-3840
Email: frank.barone@downstate.edu
Term ends: 2011

Committee on Committees Representative
Steven W. Mifflin, Ph.D.
University of North Texas HSC
Department of Integrative Physiology
Phone: 817-735-2313
Email: smifflin@hsc.unt.edu
Term ends: 2012

Liaison with Industry Committee Representative
Michael F.A. Finley, Ph.D.
Johnson & Johnson, Pharm. Research & Development Analgesics Team
Phone: 215-628-7062
Fax: 215-628-3297
Email: mfinley1@prdus.jnj.com
Term ends: 2011

Section Program Committee Chair
Joint Program Committee Representative
Javier E. Stern, MD, Ph.D.
Medical College of Georgia
Phone: 706-721-2180
Fax: 706-721-7299
Email: jstern@mcg.edu
Term ends: 2011

Trainee Advisory Committee Representative
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Email: deruislr@lemoyne.edu
Term ends: 2010

Awards Subcommittee Chair
Ida J. Llewellyn-Smith, Ph.D.
Flinders University
Phone: 61 8 82044456
Fax: 61 8 82045268
Email: ida.llewellyn-smith@flinders.edu.au
Term ends: 2010

Ex-Officio Members
Scott Carlson (AAAS, Biology representative)
Jessica Filosa (Women in Physiology)
James Gnadt (Animal Care)
William J. Martin (former chair)
Celia Sladek (Publications)
Glenn Toney (Conference Committee)
Anthony J.M. Verberne (Membership)
J. Michael Wyss (Education)
Bill J. Yates (Animal Care)