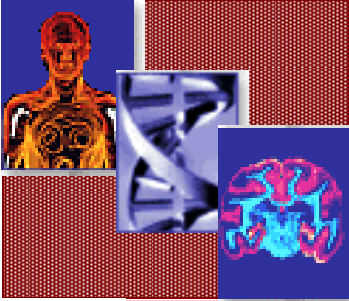


Spring 2008

Sinya Benyajati, Editor



The American Physiological Society

Comparative and Evolutionary Physiology Section

Spring 2008 Newsletter

Message from the Section Chair

Greetings, CEPS members,

As you will note in this newsletter, EB'08 will have an exciting array of sessions in Comparative Physiology. A strong cadre of young investigators will be highlighted in the Scholander session and elsewhere. David Evans will present the Krogh Distinguished Lectureship, and Barbara Block will present the opening Cannon Lecture. And topics in comparative physiology will be represented in the Physiology in Focus symposium series and others. In addition to these scientific sessions, EB'08 offers many presentations and resources on Career Development and Education that should prove valuable to CEPS members, students and trainees. See <http://www.the-aps.org/meetings/eb08/index.htm> for continuing updates on programming.

As always, the Section luncheon and business meeting will provide an opportunity for all of us to gather for a combination of business and pleasure. This is your opportunity to congratulate all of the trainee award winners, meet with the Krogh Lecturer, and provide your input on future programming and planning for the Comparative and Evolutionary Physiology Section.

I look forward to seeing you in San Diego!

--David Goldstein



David Evans: 2008 Krogh Distinguished Lecturer



The August Krogh Distinguished Lectureship of the Comparative and Evolutionary Physiology Section will be presented by **David Evans**, Professor Emeritus in the Department of Zoology at the University of Florida on **Monday April 7, 2008 at 3:15 pm**. Dave will speak on the topic of "*Osmoregulation in Fishes: What have we learned since August Krogh, Homer Smith, and Ancel Keys?*"

Call for 2009/2010 Krogh Award Nominations

As noted in the Fall newsletter, we are seeking nominations for the future (2009 and 2010) Krogh Lecturers. To nominate a colleague for this prestigious award, send the name of your nominee, along with up to 5 letters of support, to any member of the steering committee, preferably by April 5, 2008.

Comparative Physiology at the Forefront

Experimental Biology 2008 will meet from April 5-9, 2008, in San Diego. This meeting of Experimental Biology occurs under the APS presidency of Hannah Carey, long-standing member of the Comparative and Evolutionary Physiology Section. **Plan to attend this meeting, and join Hannah in highlighting the strength of comparative physiology!**

In keeping with the “One Physiology” theme from her introductory essay (Physiologist 50 (2), April, 2007; <http://www.the-aps.org/publications/tphys/2007html/April/apsresident.htm>), Hannah brings an integrative comparative perspective to her Physiology In Focus programming, including symposia organized by Hannah Carey (*Physiology and Global Health*), Terrie Williams (*Physiological Basis of Ecosystem Health*), Anne Kwitek (*Global Physiological “Omics”: Microbes to Medicine*), and Helen Raybould (*Physiology and Lifestyle*). This will be on **Monday AM, April 7**.

The Cannon Memorial Lecture (**Saturday, April 5, 5:45 PM**) will be presented this year by Barbara Block, Charles & Elizabeth Prothro Professor in Marine Sciences at Stanford University and the Hopkins Marine Station (*Ecophysiology in the 21st Century: Probing Genomes, Oceans and Climate Change with Bluefin Tuna*).

We will host our **Scholander Award poster session** on the **afternoon of Sunday, April 6**.

As usual, the CEP Section will host one symposium and three Featured Topic sessions at this EB meeting. These include sessions on:

- *Mechanisms of metabolic depression*, organized by Frank van Breukelen and Jason Podrabsky (**Wednesday AM, April 9**)
- *Comparative immunology: using non-model systems to understand the evolution of immunity*, organized by Kendra Greenlee (**Wednesday AM, April 9**)
- *Diving physiology of mammals and birds*, organized by Andreas Fahlman (**Tuesday AM, April 8**)
- *Signaling and control of skeletal muscle remodeling*, organized by Ruud Schilder (**Sunday AM, April 6**)

Other programming information for EB is available at: <http://www.the-aps.org/meetings/eb08/program.htm>.

Tough Competition for EB 2008 CEPS Awards



We are pleased to note strong participation in the CEPS awards process for this year's EB meeting. In advance of the San Diego meeting, the Section Steering Committee will have selected recipients

from a strong pool of applicants for the New Investigator, Research Recognition, and Novo Nordisk Travel Awards.

And at the meeting, we have a larger than usual number of posters in the Scholander session for young investigators. Many thanks to those of you who submitted applications for these awards, or who encouraged your colleagues to do so. Enhanced participation by Trainees and Young Investigators is one of the objectives of our Section, as it is for the APS in general, and so we are excited to see the numbers and high quality of this year's applicants. And we can't help but think that this strong showing by trainees at least in part reflects the infectious enthusiasm (and hard work) that Karen Sweeza brings to the section as Trainee Steering Committee Representative; thanks, Karen!

2008 CEPS Luncheon and Business Meeting

Our Luncheon-Business Meeting will be held on **Tuesday, April 8, 12:45 until 2 PM**, in the Mission Hills Room at the San Diego Marriott. All CEPS members, post-doctoral fellows and students are encouraged to attend and meet the Krogh Distinguished Lecturer and honored guest, Dr. David Evans. The CEPS New investigator and Research Recognition Awards recipients and Novo Nordisk Foundation Travel fellows will be introduced and the Scholander competition winner announced.



Tickets for faculty will be \$25 and \$10 for post-doctoral fellows and students. Contact Alice Villalobos with any questions or to reserve tickets, avillalobos@ag.tamu.edu.

News from Trainee Advisory Committee

Karen Sweazea, CEP Representative

Please plan to attend the exciting **career development symposia** at this year's EB in San Diego:

"Marketing Yourself on Paper for Academic Positions"

Sponsored by: APS Trainee Advisory Committee
Organized by: Lacy A. Holowatz, Penn State University; and Eric Berglund, Vanderbilt University

Date: **Sunday, April 6**

Time: **8:00 - 10:00 am**

Location: San Diego Convention Center — Room 25C

Topics will include writing academic cover letters, research statements and teaching philosophies as well as a small group breakout session with the speakers to discuss teaching portfolios.

"Gainfully Employed: From Launching a Job Search to Navigating Negotiations"

Sponsored by: APS Women in Physiology and ASPET Women in Pharmacology Committees

Chaired by: Siribhinya Benyajati, Univ. of Oklahoma Hlth. Sci. Ctr.; Colleen Cosgrove Hegg, Michigan State University; and Jelvah Lameh, ACADIA Pharmaceuticals

Date: **Tuesday, April 8**

Time: **8:00 - 10:00 am**

Location: San Diego Convention Center — Room 28A

This complementary session will cover such topics as how to begin a job search, delivering job talks, interviewing, and negotiation tips.

"Publishing 101: Dos and Don'ts of Publishing in APS Journals"

Sponsored By: APS Publications Committee

Chaired by: Kim E. Barrett, UCSD Med. Ctr.

Date: **Sunday, April 6**

Time: **10:30 am - 12:30 pm**

Location: San Diego Convention Center — Room 25C

Topics covered will include preparing your work for publication in APS journals, the review and publication process, ethical pitfalls as well as a meet-the-Editors panel.

There is a NEW APS Trainee Member Benefit! All APS trainee members are now eligible to participate in MentorNet, an award-winning one-on-one mentoring program. The program allows trainees to indicate the issues they are most interested in discussing and to select the type of mentor they would like to have.



For information on how to sign up, go to <http://www.the-aps.org/careers/careers1/mentor/guide.htm>.

Don't forget to visit our APS trainee webpage at <http://www.the-aps.org/trainees/index.htm> to keep up-to-date with trainee related events and awards.

Please feel free to contact me with any questions (ksweazea@salud.unm.edu).



Meeting News from Liaison With Industry Committee

The LWIC is sponsoring a Symposium entitled "*IBS-C and Chronic Constipation: Mechanisms and Novel Treatments*" at EB2008 on **Monday, April 7th from 3:15 – 5:15 PM** in the Convention Center Room 25A. This symposium, organized by Shaila Basavappa, Gastrointestinal and Liver Physiology Section representative to LWIC, will focus on two GI disorders that affect ~15-25% of the US population, Irritable Bowel Syndrome (IBS) and chronic idiopathic constipation. The proposed mechanisms underlying these conditions and potential treatments and their cellular pathways will be presented.

LWIC is also organizing a Translational Symposium entitled "*Recent Advances in the Renin-Angiotensin-Aldosterone System for the Investigation and Treatment of Hypertension*" at EB2008 on **Sunday, April 6th from 8:00 – 10:00 AM**. This symposium organized by Christine Schnackenberg, former W&EH Section representative to the LWIC, will focus on recent molecular, cellular, whole-animal, and clinical advances in the Renin-Angiotensin-Aldosterone System.

You're invited! Come meet and eat with your fellow physiologists who are working in the corporate sector. The 8th

Annual Liaison With Industry Committee Mixer is on at EB2008, **Sunday, April 6th, 7:00—9:00 PM** in Torrance Room of the San Diego Marriott Hotel. Free Hors d'oeuvres will be available along with a cash bar.



Ken Olson, CEP Representative

From the Editor, AJP: Regulatory, Integrative and Comparative Physiology

Greetings from AJP: Regulatory, Integrative and Comparative Physiology. It has been just over 6 months since we started adjudicating the journal. Just as we have all learned how to work the Scholar One peer review system, we will be switching soon to eJournalPress. My conversations with the other editors suggests that, in the end, the move will be very beneficial. You can expect to be asked sometime soon to update your keywords, please do so expeditiously and this greatly enhances our ability to identify the best and most appropriate reviewers.

In 2007 we published 60 papers on topics in Comparative and Evolutionary Physiology. Although this is good, I am concerned that the rate of submissions in this area have recently decreased. **We remain committed to making AJP: Regulatory, Integrative and Comparative Physiology the home for the CEP section of the APS. We have two Associate Editors, Hiroko Nishimura and Martin Klingenspor who are handling most of your submissions. The best way to keep this section of the journal vibrant is by submitting your best work to the journal.** This will help to increase the visibility and impact of our journal.

We have issued a Call for Papers entitled "*Neural Integration of Peripheral Signals Implicated in the Control of Energy Homeostasis and Metabolism*" which includes cellular/molecular, biochemical, integrative, comparative, and translational studies. I urge those of you working in this area to consider submitting your best work in response to this call. The due date for those submissions is June 30. Shortly, we will be releasing a "Call for Proposals for Review Articles". Instructions for responding to this solicitation through a pre-submission inquiry will be on the journal Website soon. As always, I look forward to hearing your thoughts and ideas. You can contact me through the editorial office at ajp-regulatory@uiowa.edu.



Respectfully,

Curt D. Sigmund, Ph.D.

Editor-in-Chief

Call for Proposals: EB 2009

Experimental Biology 2009 will be held in New Orleans, April 18-22. It is not too late to submit cross-sectional proposals (<http://www.the-aps.org/meetings/eb.htm>) to APS; these should be submitted to Jon Harrison (CEPS Program officer, j.harrison@asu.edu) as soon as possible. To get these funded, it is best to work with program officers from multiple sections.

CEPS will have one section symposium and three Featured Topics. Section symposia and Featured Topic proposals



are due to Jon Harrison right now (<http://www.the-aps.org/meetings/eb.htm>). Cross-sectional and sectional symposia receive \$4,000 to support attendance of the speakers, and complimentary registration for four speakers. Extra funds may be available for international speakers, who are encouraged. Featured Topics will have one invited speaker, \$1,000 - \$2,000 of funding (total amount is still under discussion), and additional oral talks selected from submitted abstracts. APS does a great job of supporting our programming, so take advantage of this to help organize an excellent meeting!

Call for Symposia

For 2010 APS Inter-Society Conference on Comparative and Evolutionary Physiology

This summer a proposal will be submitted requesting that the APS hosts a fifth version of this premier international congress in comparative and evolutionary physiology, to be tentatively held in late July, 2010. The theme of the meeting will be: *Global change and global science: comparative physiology in a changing world*. The Organizing Committee is requesting proposals for symposia that highlight exciting and important new research in comparative and evolutionary physiology. Symposium organizers will receive approximately \$1400 from APS to partially allay costs of invited speakers; we can also facilitate search for additional external financial support for symposia. **Symposia proposals must be submitted by July 1, 2008 to Jon Harrison**, but it is best to submit sooner and to work with a member of the organizing committee to develop the proposal. Please contact any member of the organizing committee if you have questions. Developing information on the meeting will be available at: <http://www.public.asu.edu/~icjfh/apsmeeting>.

Organizing Committee

Siribhinya Benyajati: siribhinya-benyajati@ouhsc.edu

Andrew Biewener: abiewener@oeb.harvard.edu

David Goldstein: david.goldstein@wright.edu

Jon Harrison (chair): J.Harrison@asu.edu

Carlos Martinez del Rio: cmdelrio@uwyo.edu

Hans-Otto Pörtner: hpoertner@awi-bremerhaven.de

Patricia Schulte: pschulte@zoology.ubc.ca

2010 APS Conference on Comparative and Evolutionary Physiology Symposium Proposal Form

Symposium Title:

Symposium organizer(s) and contact information:

Scientific justification for symposium:

Describe any Recent Similar Symposia:

Presenters: List up to six (4 + 2 alternates) speakers (each of whom will speak for 30 min), giving institutional affiliation and tentative title.

Symposia will run 2 hrs (based 4 speakers/symposium)

Comparative and Evolutionary Physiology Section Steering Committee

Chair and SAC Representative

David L. Goldstein, PhD
Wright State University, Department Biological Sciences
3640 Col. Glenn Hwy, Dayton, OH 45435
Phone: 937-775-2655
Fax: 937-775-3320
Email: david.goldstein@wright.edu

Secretary

Siribhinya Benyajati, PhD
University of Oklahoma Health Science Center, Department of Physiology
940 Stanton L. Young Blvd., Oklahoma City, OK 73104
Phone: 405-271-2132
Fax: 405-271-3181
Email: siribhinya-benyajati@ouhsc.edu

Treasurer

Alice Renee Villalobos, Ph.D.
Department of Nutrition
Texas A&M University, College of Agriculture
College Station, TX 77843
Email: avillalobos@ag.tamu.edu

Section Program Committee Chair and JPC Representative

Jon F. Harrison, Ph.D.
Arizona State University, School of Life Sciences
Box 4501, Tempe, AZ 85287-4501
Phone: 480-965-9459
Fax: 480-965-6899
Email: j.harrison@asu.edu

Committee on Committees Representative

Stephen C. Wood, Ph.D.
Mountain Research Organization
102 Skyland Rd., Tijeras, NM 87059
Phone: 505-281-6138
Fax: 505-286-6486
Email: swood@mountain-research.org

Liaison With Industry Committee Representative

Kenneth R. Olson, Ph.D.
Indiana University School of Medicine
South Bend Center, IN 46556-5607
Phone: 574-631-7560
Fax: 574-631-7821
Email: kolson@nd.edu

Trainee Advisory Committee Representative

Karen L. Sweazea, Ph.D.
Department of Physiology, University of New Mexico HSC
5800 Osuna Road, NE # 119
Albuquerque, NM 87109
Phone: 505-272-5556
Email: ksweazea@salud.unm.edu

ex officio AJP: Regulatory, Integrative and Comparative Physiology Associate Editor

Hiroko Nishimura, M.D., D.M.Sc.
Department of Physiology, University of Tennessee, HSC
894 Union Avenue
Memphis, TN 38163
Phone: 901-448-5132
Fax: 901-448-7126
Email: nishimur@physiol.utmem.edu



Upcoming Meeting of Interest

IUPS Physiology Congress 2009
July 27 - August 1, 2009, Kyoto, Japan
<http://www.iups2009.com/>



The American Physiological Society

MEMBERS ONLY

INTEGRATING THE LIFE SCIENCES FROM MOLECULE TO ORGANISM

HOME | FASEB MEMBER DIRECTORY

Subscribe to CEPS ListServ and Stay In Touch!

- Go to the APS website (<http://www.the-aps.org/>)
- Choose the **Members Only** tab
- Log in according to the instructions provided
- Select **APS ListServ**
- Click the radio button to **Subscribe** to the **COMPSEC** ListServ