



The American Physiological Society

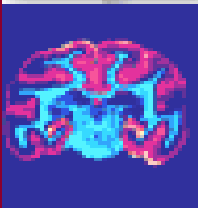
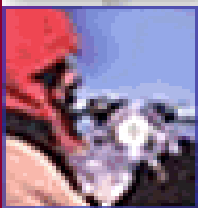
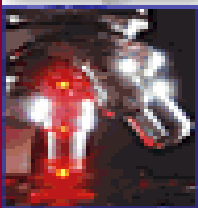
INTEGRATING THE LIFE SCIENCES FROM MOLECULE TO ORGANISM

Comparative and Evolutionary Physiology Section

Summer 2006 Newsletter

Sinya Benyajati, Editor

Message from the (Interim) Section Chair



Greetings, Comparative Physiologists. It is my pleasure to greet you as Interim Section Chair. Jim Hicks has stepped down slightly early from the Chair position as a consequence of being elected APS Councillor. So let me begin by extending my congratulations to Jim on that election, and more importantly my thanks to him for all of his efforts as Section Chair over the past several years. Jim has been a vocal spokesperson for the interests of our section, and he has left us well poised to contribute to the APS on a number of fronts.



Indeed, these are exciting days for the Comparative and Evolutionary Physiology Section. As noted above, Jim Hicks was recently elected Councillor and so will have a voice in discussions on society-wide policies and directions. In addition, we also have strong support right at the top of the society. The current president, Dale Benos, embraces the comparative approach to physiology and has scheduled a session on Evolutionary Physiology within the Physiology in Focus theme at next year's Experimental Biology meeting. And the recently elected President-elect, Hannah Carey, is a card-carrying Comparative and Evolutionary Physiologist, with a long history of research on the physiology of hibernation. Congratulations, Hannah, we look forward to working with you.

With all of this societal support for Comparative Physiology, now is the time for you to get involved!! The first step of course is to keep up your own membership, and to encourage your colleagues and students to do so as well.

The second way to get involved is to work on or with APS committees. The APS represents our interests in numerous ways: programming, legislative work, communications, and more. When you see those email messages from the APS, read them and respond!

A third way to participate is to organize a scientific session at a meeting. The APS provides excellent support for its symposia, with complimentary registration and travel support for speakers, making it easy and attractive to organize a session.

And last, attend the APS meetings. Most notably in the near future, as highlighted in the accompanying item in this newsletter, don't miss the Comparative Physiology Conference in Virginia Beach in October.

I look forward to seeing you at that conference. In the mean time, feel free to send along your ideas or questions [david.goldstein@wright.edu].

Comparatively yours,

--David Goldstein

Comparative Physiology Conference 2006:

Integrating Diversity

October 8-11, 2006, Virginia Beach

This October will see the fourth in the quadrennial series of Fall APS Conferences in Comparative Physiology. The previous three—in Orlando and (twice) San Diego—have been consistently among the most exciting comparative physiology meetings. This year's, in Virginia Beach, promises to keep that record intact. The meeting will feature 20 symposia, with over 100 invited speakers, on topics ranging from epithelial transport to field metabolic rate, and from the physiology of aging to studies of muscles, of neurotransmitters, and of diving. In addition, each afternoon will commence with a plenary lecture, followed by poster sessions for contributed papers.

For an overview of the conference and logistical details, see:

<http://www.the-aps.org/meetings/aps/vabeach/index.htm>

Note the following important items:

<http://www.the-aps.org/meetings/aps/vabeach/abstractsub.pdf> (for Abstract Submission and Award Information)

Abstract submission deadline is June 1, 2006. The Early Registration deadline is September 1.

Student travel awards will be available to as many as three dozen conference participants. Be sure to indicate your application for one of those awards when you submit your abstract.

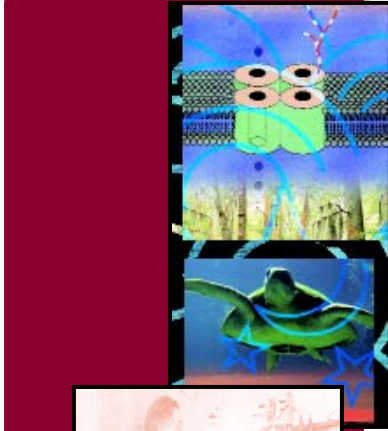
The Scholander Award will be presented at this meeting for outstanding poster by a young investigator. This award is particularly prestigious at the Fall Conference. To be eligible, you must be first author on the poster and not more than 5 years past receipt of the highest degree. If you are eligible: Be sure to apply!

Section Awards Given at EB2006:

Past and Future, Young and Not So Young

The CEP Section recognizes both young and established investigators at each Experimental Biology Meeting.

At the recent meeting in San Francisco, three young investigators received recognition. **Karen Swazea** (University of New Mexico, right) and **Severine Kirchner** (New Jersey Medical School, left) both were honored with the Research Recognition Award, and **Frank van Breukelen** (University of Nevada, Las Vegas) was named as the year's New Investigator Awardee. Congratulations to all!



2006 August Krogh Distinguished Lectureship



The Section's Distinguished Lectureship, the August Krogh Award, was presented in San Francisco by **Dr. Hiroko Nishimura**, who gave a stimulating presentation on homeostatic and developmental regulation of aquaporins, especially in birds. Next year, at EB'07 in Washington, D.C., Dr. David Jones (University of British-Columbia) will be the Krogh Lecturer.

The call is now out for nominations for the Krogh Distinguished Lecturer for 2008.

To nominate, submit to anyone on the Steering Committee (see next page) the following information: your name, the proposed Candidate's name, Candidate's email address, Candidate's institution, and a brief statement, no more than a page, in support of your nomination.

News from Trainee Advisory Committee Representative

I would like to provide a brief overview of some of the achievements of the Trainee Advisory Committee has made since the last installment of the CEP newsletter. The TAC symposium at EB '06 in San Francisco entitled, "**Transition from Postdoc to Jr. Faculty: Surviving the Initial Years**", which I co-chaired along with Ryan Bavis (Respiration section representative), was very well attended and initially, at least, received rave reviews. We would like to thank all those section members that supported and attended the session. For those trainees that were unable to attend I would encourage you to attend in coming years as TAC will be presenting a symposium yearly on issues of particular interest to trainee development and promotion. In addition, at our steering committee meeting at EB '06, I proposed that we develop a trainee sub-committee within the CEP section, and we agreed to entertain the idea of developing such a subcommittee on the condition that there was sufficient willingness and interest from the section trainees to maintain it. Therefore, I would strongly encourage all interested trainees to be prepared to contact the new CEP representative and to volunteer some time at the next EB meeting to help develop such a committee. The coordination of such a subcommittee will likely be the responsibility of the next CEP TAC representative as my tenure on the committee officially ended as of EB '06. Having said that, I would also like to mention that we are actively evaluating a handful of nominees and will select the next CEP TAC representative in May. Announcement of the new TAC representative will be in the next newsletter. I would also like to remind all trainees that our website (<http://www.the-aps.org/committees/trainee/index.htm>) has been up and running over the last year. Among the topics for which Information can be sought on the website include: awards, funding resources, general academic resources, career planning, finding a job, lab management, and mentoring.

In closing, I would like to take this opportunity to express my gratitude to the various members of the steering committee, especially Jim Hicks, David Goldstein, Sinya Benyajati and John Pritchard for their support throughout my tenure on the committee. It was truly a pleasure and honor working with them and I'm sure they will be every bit as supportive of my successor. Continued success to all!

Cheers,

Rudy M. Ortiz



Comparative and Evolutionary Physiology Section Steering Committee 2006-2007

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Call for Nominations

Interested in deciding where the CEP is going? Do you have ideas to improve the CEP? **The CEP is currently soliciting nominations for members to serve on the Steering Committee :Chair, Secretary, Committee on Committees Representative.**

A detailed description of the duties for each position can be found at <http://www.the-aps.org/sections/compar/sop.htm>.

You may nominate yourself or others to stand for election in the fall of 2006. Please send nominations (name and contact information) to David L. Goldstein, PhD, (david.goldstein@wright.edu), Wright State University, Department Biological Sciences, 3640 Col. Glenn Hwy, Dayton, OH 45435.



Strongylocentrotus purpuratus
(Nudibranch, or Spanish Dancer, lower right)

Taken by © Dr. Susan Fuhs in Southern California on SCUBA

Comparative Physiology in the News

<http://www.the-aps.org/news/index.htm>

"Sea urchin's surprisingly active innate immune system, probably utilizing previously unrecognized immune mechanisms, may also actively function in vertebrates, including humans." - Physiological Genomics (2005)