



Division of Comparative Physiology and Biochemistry

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DCPB Officers & Representatives

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2011-2016



Jim Hicks

Message from the Chair

Jim Hicks

Program News-Charleston, SC 2012

Our divisional Program Officer, Kristin O'Brien, has informed me that for our upcoming meeting in Charleston, January 2012, we have 1455 abstracts submitted.

The Charleston meeting is shaping up to be another great conference. See the "Message from the Program Officer" section of the newsletter for details about the Charleston Meeting. Finally, the Program Officer position is absolutely critical to the planning of a meeting, and as Chair, I want to thank Kristin for all of her efforts on our behalf.

Bartholomew Award

The Bartholomew awards committee has selected Dr. Emanuel (Manny) Azizi, Assistant Professor, Department of Ecology and Evolutionary Biology, University of California, Irvine as the recipient of the 2012 Bartholomew Award. An annual award administered by DCPB, the Bartholomew Award is "given to a young investigator for distinguished contributions to comparative physiology and biochemistry or to related fields of functional and integrative biology." Manny's research focuses on the role of muscle architecture on animal locomotion. His research encompasses multiple levels of biological organization, from the sarcomere to whole muscle, to the integration of muscle and skeletal systems. His approaches combine elegant mathematical modeling with rigorous experimentation. Manny's work is published in high impact journals and his results are challenging our existing ideas about the design and function of vertebrate musculoskeletal systems.



Manny Azizi

Congratulations Manny! We look forward to your address to SICB in January. At the lecture, John Lighton, founder of [Sable Systems International](#), will present Manny with a cash prize in honor of Dr. Bartholomew, who was John's advisor at UCLA. We want to thank Sable Systems for their long-time, continued support of the Division and the Bartholomew Award. The remainder of



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Manny's expenses will be paid by DCPB from the Bartholomew fund. Anyone interested in contributing to the Bartholomew Fund can do so on the SICB web page.

Bartholomew Award Committee



Stephen Secor, Doug Altshuler, Chris Guglielmo, Adam Summers and Art Woods

On behalf of DCPB, I wanted to thank Stephen Secor, chair of the Bart Award Committee, and the other committee members, Douglas Altshuler (Assistant Professor, UC Riverside); Chris Guglielmo (Associate Professor, University of Western Ontario), Adam Summers (Associate Director, Friday Harbor Laboratories, Univ. Washington), and Art Woods (Assistant Professor, University of Montana). Thanks to all.

Divisional Meeting

The DCPB business meeting will be on Jan 4, 2012, followed by the Bartholomew Lecture at Charleston Convention Center. DCPB is also hosting the DCPB social and reception immediately following the Bartholomew Lecture.

Judges Needed for Presentations

The Division of Comparative Physiology and Biochemistry honors its student presenters with Best Student Presentation Awards for oral and poster presentations. This year we have 75 students who will qualify for the "best paper" or "best poster" competition. Hence we need people to volunteer this year to be judges. If you will be willing to provide some time to serve DCPB in this manner, please contact David Tapley

(dtapley@salemstate.edu). You can also sign up to judge for DCPB when you register on-line for the Charleston meeting.

Message from the Program Officer

Kristin O'Brien

**Charleston, SC
2012**



Kristin O'Brien

A record 1,455 abstracts were submitted this year for our 2012 meeting in Charleston S.C., Jan. 3-7. 204 abstracts were submitted within DCPB, with 75 competing for Best Student Presentations. 11 sessions of oral presentations will span all four days of the meeting, and posters will be presented Wednesday through Friday.

A few notes about registering for the meeting (<http://www.sicb.org/meetings/2012/>):

If you are presenting at the meeting you must register by November 12, 2011. For all other attendees, be sure to register by December 3 to receive the discounted registration fee.

A very welcome addition to the 2012 meeting will be childcare services. If you would like to take advantage of these services, please be sure to fill out the survey form when registering so that we can plan accordingly and meet everyone's needs.

Your best bet for a hotel is the Embassy Suites Hotel- the meeting venue. The rooms here are large and comfortable and breakfast is free.



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A free, 20 minute shuttle service will be provided each evening to downtown, historic Charleston.

DCPB is co-sponsoring several exciting symposia during the Charleston meeting, including:

Novel methods for the analysis of animal movement: spatial and temporal structure across scale

Mangrove 'Killifish': an Exemplar of Integrative Biology

New Frontiers from Marine Snakes to Marine Ecosystems

Comparative Proteomics of Environmental and Pollution Stress

Our DCPB annual business meeting will be held on Wednesday, Jan. 4, 5:15 -6:16 pm, just prior to the Bartholomew Lecture from 6:30 -7:30 pm. I encourage everyone to participate in the meeting; we need your input! This year light snacks will be provided to hold you over until the Bartholomew / DCPB social, 7:30-8:30 pm, with more extensive fare.



David Tapley

David Tapley (dtapley@salemstate.edu) has graciously agreed to coordinate judging of the Best Student Presentations. We always need volunteers; many hands make light work, so please contact him and let him know your availability. This is a terrific opportunity to talk with the up and coming stars in CPB and hear more about their exciting research.

There were a record number of symposia submitted for the 2013 meeting in San Francisco, CA (Jan 3-7, 2013). It was a challenging task to select the 11 symposia for

the 2013 meeting. Four of these will be co-sponsored by the DCPB, including:

Keeping time during animal evolution: conservation and innovation of the circadian clock, organized by Adam Reitzel and Ann Tarrant

Physiological Responses to Simultaneous Shifts in Multiple Environmental Stressors: Relevance in a Changing World, organized by Anne Todgham

Hormone-mediated sex ratio adjustment in vertebrates, organized by Kristen Navara

Coping with uncertainty: Integrating physiology, behavior and evolutionary ecology in a changing world, organized by Zoltan Nemeth

There will also be a special session in honor of Bruce Sidell entitled: *Bruce Sidell's most excellent career: Adventures in thermal Biology and cold-Bodied fishes*, organized by Richard Londrville.

It's not too early to start thinking about symposia for the 2014 meeting in Austin, TX (Jan 3-7). Please contact me with your ideas at any time (kmobrien@alaska.edu; 907-474-5311).

Other upcoming meetings of interest:

Experimental Biology, April 21-25, 2012, San Diego, CA
<http://experimentalbiology.org/>

Society of Experimental Biology: Woodstock 2012, SEB Animal Section Symposium, June 23 - 27, 2012, Italy; *SEB Salzburg* June 29 - July 2, 2012, Salzburg, Austria,
<http://www.sebiology.org/meetings/index.php>
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The International Congress on the Biology of Fish, July 15-19, 2012, Madison, Wisconsin, <http://conferencing.uwex.edu/conferences/icbf2012/index.cfm>

Canadian Society of Zoologists, May, 2012
Mount Allison Univ., Sackville, NB

37th Congress of the International Union of Physiological Sciences (IUPS 2013), July 21-26, 2013, Birmingham, United Kingdom, <http://www.iups2013.org/>

years as Past Chair. These are positions on the divisional executive committee. Don Mykles will take over as Chair at the end of the annual meeting in 2012 and Jim Hicks will become Past Chair. Kristin O'Brien, our current divisional Program Officer, serves through the annual meeting in January 2013. We will elect a Program Officer in the spring to begin a two year term when Kristin's term finishes at the end of the annual meeting in 2013.

Jim Hicks, the divisional Chair will appoint a nominating committee to provide a slate of candidates. Those willing to serve or those wishing to nominate someone to serve should contact Jim (jhicks@uci.edu).

The full election schedule for the SICB and all divisions can be found on the SICB web site under [Resources > Election > Election Schedules for SICB and Divisions](#).

Message from the Secretary



Anna Ahn

Anna Ahn

Election News: DCPB Secretary

Congratulations to Rich Londrville, who will take over the DCPB Secretary duties in January 2012 at the end of the annual meeting. I have enjoyed serving as Secretary for the past two years and wish Rich the best as he transitions into his new role. Congratulations,

Rich!

Upcoming Elections: Candidates Needed for Chair-Elect and Program Officer-Elect.

We will hold two elections in DCPB in the spring of 2012: Chair-Elect and Program Officer. The Chair-Elect serves a one year term, then automatically serves a two-year term as chair and then two

Bart Award!

A warm congratulations to Dr. Manny Azizi of the University of California, Irvine who is this year's recipient of the Bartholomew Award. I eagerly await Dr. Azizi's Bartholomew lecture on his work integrating form and function to understand muscle physiology and mechanics. Congratulations, Manny!



Rich Londrville

Message from the DCPB



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Student/Postdoctoral Affairs Committee Representative

Chris Slay

Greetings, colleagues.

In just under two months, we will be gathered in Charleston for SICB's 2012 Annual Meeting. As your DCPB representative on the Student/Postdoctoral Affairs Committee, I'd like to remind you of several events taking place in Charleston that have been organized for the benefit of SICB's graduate students and postdocs.

On **Wednesday, January 4 at 5:30 PM**, the Student/Postdoctoral Affairs Committee (SPDAC) will be hosting "How to get the most out of your SICB meeting." This seminar, designed for SICB rookies, will feature a Q&A session with a panel of seasoned SICB veterans and a tip-sheet compiled by SPDAC representatives.

On the **evening of Friday, January 6**, SPDAC will host a workshop outlining strategies for applying and interviewing for jobs in academia and government. Faculty (including many newly-hired professors) and government employees will be available to answer questions and administer mock interviews.

And surely I need not remind you of the "Society-wide Social in Honor of [Us]," **Saturday, January 7, from 4:00-6:00 PM**. Wine and cheese will be available.

Let me also encourage students and postdocs to participate in DCPB affairs, particularly the DCPB Business Meeting.

If you have any questions or feedback regarding any of these events, please email me at cslay@uci.edu. I look forward to your correspondence.

Between now and the publishing of our next semi-annual newsletter, several potentially lucrative grant and fellowship applications are

due. See below, listed in decreasing order of time-sensitivity:

NSF Graduate Research Fellowship. Available to all first-year and most second-year graduate students (U.S. Citizenship required). Applications due November 18. <http://www.nsfgrfp.org/>

Journal of Experimental Biology Travelling Fellowship. Available to graduate students and postdocs. Applications due December 31. <http://jeb.biologists.org/site/misc/fellowships.xhtml>

Society for Experimental Biology/Company of Biologists Travel Grants. Available to graduate student and postdoc SEB members. Applications due December 31. <http://www.sebiology.org/membership/Grants.html>

I hope this grant/fellowship information is helpful, and I hope you're available to participate in the SPDAC-sponsored events at SICB 2012. I look forward to meeting you all in Charleston, and encourage you to contact me at any time.