

Division of Comparative Physiology and Biochemistry

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DCPB Officers & Representatives

James Hicks
Chair 2010-2012

Kathy Dickson
Program Officer 2009-2011

Anna Ahn
Secretary 2010-2012

Jennifer Ro
Student/Postdoc Representative
2008-2011

Patrick Walsh
ICCPB & IUPS Representative

Charles E. Booth
ICB Editorial Board Representative
2006-2011



Message from the Chair

Jim Hicks

A New DCPB Chair Elect for 2011

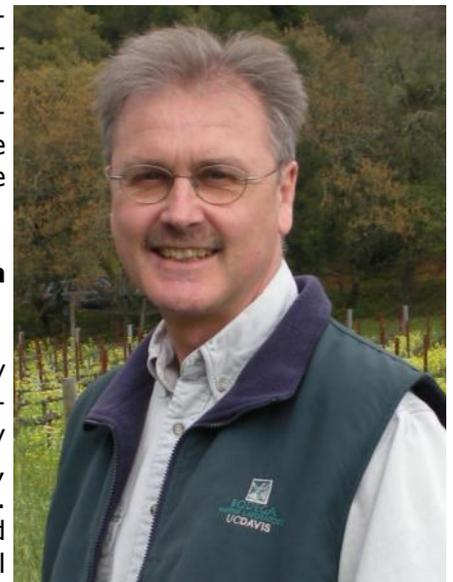
I wanted to remind our members that Don Mykles, Professor, Department of Biology, Colorado State University, will be the Chair-Elect of DCPB for the coming term (2011-2012) and then serve two years as Chair.

Program News-Salt Lake City, Utah 2011

Our divisional Program Officer, Kathy Dickson, has informed me that for our upcoming meeting in Salt Lake, January 2011, we have 1123 abstracts submitted, the 3rd largest after Boston and Seattle. Of these, DCPB members have submitted 120 contributed papers covering 10 oral sessions (some on all 4 days, Tues-Fri) and several poster sessions distributed across all 3 days of posters (Tues-Thurs). The Salt Lake City meeting is shaping up to be another awesome conference, featuring great science. See Kathy's newsletter contribution for details. Finally, the Program Officer position is absolutely critical to the planning of a meeting, and as Chair, I want to thank Kathy for all of her efforts on our behalf.

Bartholomew Award

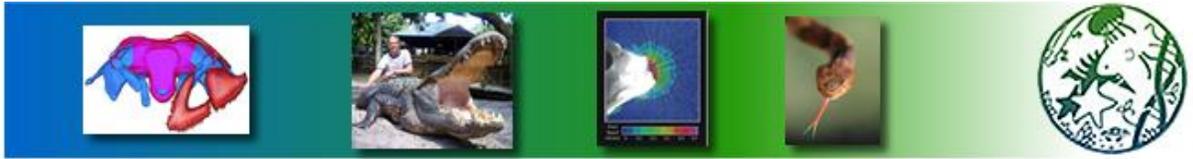
The Bartholomew Award committee has selected Dr. Robert M. Cox, postdoctoral researcher, Department of Biological Sciences, Dartmouth College, as the recipient of the 2011 Bartholomew Award. An annual award administered by DCPB, the Bartholomew Award is "given to a young investigator for distinguished contributions to comparative physiology and bio-chemistry or to related fields of functional and integra-



Don Mykles



Bob Cox, 2011 Bartholomew Recipient

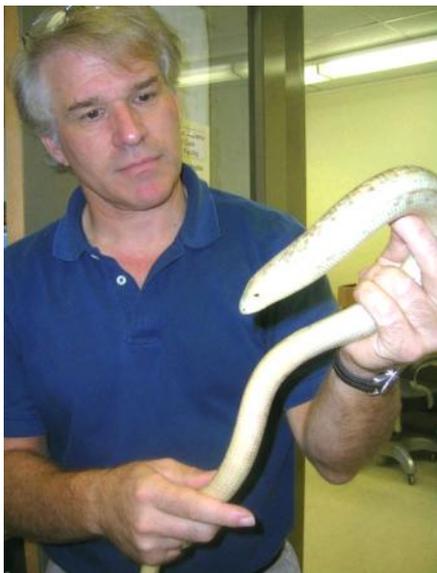


tive biology." Bob's research focuses on questions regarding both proximate and ultimate causes of organismal phenotypes. As commented by one evaluator, Bob's work "exemplifies George Bartholomew's philosophy of integrative biological investigation." His comprehensive approaches to investigating sexual dimorphism in lizards, sexual conflict and life history trade-offs, integrates physiology, morphology and behavior, all within an ecological and evolutionary context. His 2010 papers in *Science* and *Nature* underscore the outstanding quality of his work.

Congratulations Bob! We look forward to your address to SICB in January. At the lecture, John Lighton, founder of Sable Systems, will present Bob 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 Bob's expenses will be paid by DCPB from the Bartholomew Award fund. Anyone interested in contributing to the Bartholomew Fund can do so through the SICB web page.

Bartholomew Award Committee:

On behalf of DCPB, I wanted to thank Stephen Secor, chair of the Bartholomew Award Committee, and the other committee members, Douglas Altshuler (Assistant Professor, UC Riverside); Chris Guglielmo (Associate Professor, University of Western Ontario),



Stephen Secor, Chair, Bartholomew Award Committee

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 Tuesday, January 4, at 5:15 pm, followed by the Bartholomew Lecture at 6:30 pm in the 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, one for best oral presentation and one for best poster, at each year's annual meeting. This year we have 65 students who will compete for the "best paper" or "best poster." Hence we need people to volunteer this year to be a judge. 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 online for the Salt Lake meeting.

Travel Grants for the 8th International Congress of Comparative Physiology and Biochemistry (ICCPB) in Nagoya, Japan, May 31- June 5, 2011

The Division of Comparative Physiology and Biochemistry (DCPB) of the Society for Integrative and Comparative Biology (SICB) is offering travel grants of up to \$1,000 each to help defray costs for DCPB members who will present at the 8th International Congress of Comparative Physiology and Biochemistry





(ICCPB) in **Nagoya, Japan, May 31- June 5, 2011** (<http://www.iccpb2011.com/>)

The travel grants are intended to match or supplement additional sources of funding (including research grants, university and/or departmental awards, or personal funds). Applicants for travel grants awards must:

- Be first author and presenter of a paper (or poster).
- Be member of both SICB and the DCPB.
- Be a PhD candidate, have received a PhD within the last 5 years, or be a symposium organizer.
- Submit a completed **Travel Grant Application**, which will include:
 - Title, Author(s), Abstract of proposed presentation
 - Amount of funds requested, up to \$1000
 - Expected other sources of funding and the dollar amounts
 - A curriculum vitae (NSF-style)
 - Contact information for the applicant

Submit your application, as PDF, to Jim Hicks (jhicks@uci.edu). The deadline for submissions is February 1, 2011. All applicants will be notified by March 1, 2011.



Message from the Program Officer

Kathy Dickson

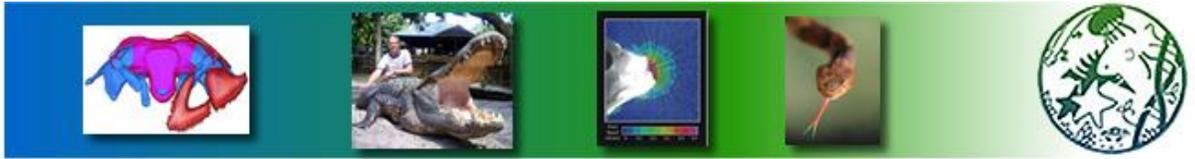
Salt Lake City 2011

The upcoming SICB meeting in Salt Lake City [January 3-7,

2011, at the **Salt Lake City Marriott Downtown and Salt Lake City Convention Center (Salt Palace)** (<http://www.sicb.org/meetings/2011/index.php>)] should be a very good meeting. It will be the third largest ever, with 1123 abstracts submitted! DCPB members submitted approximately 130 abstracts, including 55 talks and 70 poster presentations, plus symposium and symposium-related talks. Of these, 65 were submitted by student members who wish to be considered for the DCPB Best Student Presentation awards. DCPB contributed papers are on topics ranging from energetics to reproductive physiology, from muscle biochemistry to thermal physiology, and are organized into 10 sessions spread out over all four days of the meeting. Please note that abstracts are divided among the divisional program officers based on the Topics you select when you submit your abstract, and Topic 1 is the most important; all contributed abstracts with G categories as Topic 1 sorted into sessions by the DCPB DPO.

A total of 11 symposia will be presented in Salt Lake City. DCPB is co-sponsoring four of them:

- on Tuesday, "Synthesis of Physiologic Data from the Mammalian Feeding Apparatus using FEED, the Feeding Experiments End-User Database," organized by Susan Williams, Christopher Vinyard, Rebecca German, and Chris Wall
- on Thursday, "Environmentally-Cued Hatching across Taxa: Embryos Choose a Birthday" organized by Karen Martin, Karen Warkentin, and Richard Strathmann
- on Friday, "Environment, Energetics and Fitness: A Symposium Honoring Donald W. Thomas," organized by Michal Wojciechowski, Murray Humphries, and Berry Pinshow
- on Friday, "A Synthetic Approach to the Response of Organisms to Climate Change: The Role of Thermal Adaptation," organized by Mike Sears.



There are several other symposia on topics that will interest DCPB members (see <http://www.sicb.org/meetings/2011/symposia/index.php3>).

The DCPB business meeting will be on Tuesday, January 4, at 5:15 pm, followed by the **Bartholomew Lecture** at 6:30 pm in the Convention Center. DCPB is also hosting the **DCPB social and reception** immediately following the Bartholomew Lecture.

Note that, if you will present a talk and/or poster at the 2011 meeting, you are required to register by **November 12, 2010**, in order to have your abstract acceptance finalized and your presentation listed in the final program. If you have applied for a **Best Student Presentation** award, be sure that you are a SICB member and have paid your dues for 2011. Eligible members should apply for the **Dorothy M. Skinner Award** (<http://www.sicb.org/students/skinner.php3>) and the **Charlotte Mangum Student Support Program** (<http://www.sicb.org/meetings/2011/studentssupport.php3>). Applications for both of these awards were due **October 29, 2010**.

Call for Judges for the DCPB Best Student Presentation Awards



David Tapley

The Division honors its student presenters with Best Student Presentation Awards (one each for best oral presentation and best poster) at each year's annual meeting. This program works because of the dedication and support of the members -- par-

ticularly when it comes to serving as judges. This year, we have 65 entrants, so **we need you to serve as a judge, this year more than ever.**

What do you have to do? Attend the presentations to which you are assigned and evaluate the students according to the rubric provided. Ask questions. Be interested. Return evaluations to David Tapley, coordinator of the judging for DCPB, after the meeting.

What are the benefits? Meeting our student members, encouraging them in their research, recognizing their efforts, making them feel more a part of SICB and DCPB, and potentially assuring their future participation in DCPB and the Society. The students receive a monetary award and the pride of knowing that their work is appreciated by the broader professional community.

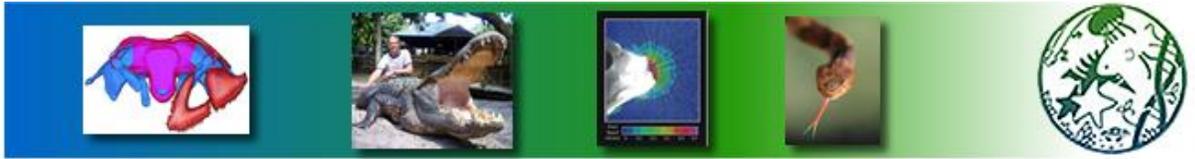
Who may serve? In brief, YOU! If you are a full or postdoctoral member of DCPB we can find a place to use you, as long as you don't have students entered in BOTH the oral and poster competitions. If you have students in one or the other (but not both), you can still judge. (It is better if postdoctoral judges are not entrants in the competition.)

If you can help, please respond directly to David Tapley (dtapley@salemstate.edu). SICB members can also volunteer to be judges as part of the online registration, by checking the appropriate box. Please be sure to volunteer to judge DCPB presentations. Thanks for your help!

Symposia for Charleston in 2012:

A total of 13 symposia were proposed for the 2012 meeting; of those that were accepted, four will be co-sponsored by DCPB:

- "Novel Methods for the Analysis of Animal Movement: Spatial and Temporal Structure



- Across Scales," organized by Douglas L. Altschuler, Michael Dickinson, and Andrew Straw
- "Comparative Proteomics of Environmental and Pollution Stress," proposed by Lars Tomanek
 - "Pushing the Boundaries of Phenotypic Variation: The Mangrove Rivulus, *Kryptolebias marmoratus*, an Exemplar of Integrative Biology," organized by Edward Orlando, Ryan Earley, and Brian Ring
 - "Biology of Sea Snakes: Tribute to William Dunson and Harold Heatwole," organized by Harvey Lillywhite and François Brischox.

Call for Symposia for the 2013 SICB Meeting in San Francisco:

It is not too early to start planning symposia for 2013. Please feel free to discuss ideas with me (kdickson@fullerton.edu or 657-278-5266) or with the incoming Program Officer, Kristin O'Brien (kmobrien@alaska.edu) in Salt Lake City or at any time. The deadline for submission of symposium proposals is mid-August.

Other Upcoming Meetings of Interest to DCPB (in chronological order):

- **Experimental Biology 2011**, Washington, DC, April 9-13, 2011. <http://experimentalbiology.org/>
- **8th International Congress of Comparative Physiology & Biochemistry (ICCPB 2011)**, June 1-5, 2011, Nagoya, Japan. <http://www.iccpb2011.com/>
- **The Crustacean Society summer meeting**, June 6-9, 2011, Honolulu, HI. <http://web.vims.edu/tcs/?svr=www>
- **Society for Experimental Biology Annual Main Meeting**, July 1-4, 2011, Glasgow, Scotland <http://www.sebiology.org/meetings>

- **Joint Meeting of Ichthyologists and Herpetologists**, July 6-11, 2011, Minneapolis, MN <http://www.asih.org/annualmeetings>
- **7th Congress of the Federation of Asian and Oceanian Physiological Societies (FAOPS)**, September 11-14, 2011, Taipei, Taiwan. <http://conf.ncku.edu.tw/faops/>
- **37th International Congress of Physiological Sciences**, Birmingham, UK, July 21-26, 2013. <http://www.iups2013.org/>
- **For other meetings, consult the web sites for SICB** (<http://www.sicb.org/meetings/other.php3>), **the American Physiological Society** (<http://www.the-aps.org/meetings/related/index.htm>), **and the International Union of Physiological Sciences** (<http://www.iups.org/>).

Message from the Secretary

Anna Ahn

Election News: DCPB Chair Elect and Program Officer

Congratulations to Don Mykles, our new DCPB Chair-Elect, who will serve as DCPB Chair-Elect for

2011 -

2012

and Chair for 2012-

2014. I also congratulate

Kristin O'Brien, our incoming

DCPB Program Officer, whose term will

last from January

2011 to January

2013. A warm thank

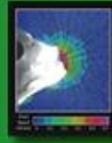
you to Stephen Secor

and Richard Londra-

ville for running for



Kristin O'Brien



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these positions. Finally, much gratitude to Kathy Dickson for her outstanding work as DCPB Program Officer as she finishes her term.

Upcoming Election: Candidates Needed for Secretary of DCPB

We will hold one election for DCPB Secretary in the spring of 2011. I will step down at the end of the meeting in Charleston in January 2012. The term of the new secretary will be for two years (Jan 2012 to Jan 2014). If you are interested in running for DCPB Secretary, have questions about the position, or would like to nominate a colleague, please contact me directly (aahn@hmc.edu).

Travel Assistance to ICCPB in Japan!

I strongly encourage young scientists (students, post-docs, and junior faculty) to apply for the DCPB Travel Grant to attend the 8th International Congress of Comparative and Physiological Biology in Nagoya, Japan (<http://www.iccpb2011.com/>). This meeting provides an exciting chance to present your work at an international conference that is held only once every four years.

DCPB Website

As we look forward to a wonderful meeting in **Utah**, we are anxious to **jazz** up our divisional webpage. If you have any material or suggestions for our webpage, especially the DCPB Researchers Database (<http://sicb.org/divisions/DCPB/researchers.php3>), please contact me (aahn@hmc.edu). Submitting a picture, a brief description, and a title is a very easy way to receive some extra publicity for your work and lab.

Message from the Student/ Postdoctoral Representative

Jenny Ro

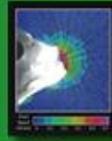
Dear DCPB students and post-docs,

The annual SICB meeting is ahead of us on Jan 3-7, 2011 in Salt Lake City, UT. Don't forget, the meeting is extended to a full four days, ending at 5:30 pm Friday. The deadline for early bird registration is Dec. 3rd, 2010 but if you are presenting at the meeting, you must register by Nov. 12th. Also deadlines for many student awards have now passed, but are always in October. Please see the "Awards and Scholarships for Students" webpage for more information (<http://www.sicb.org/students/awards.php3>).



Tell Me All About Mentorship!

Making the transition to graduate school, becoming a post-doc, finding the right mentor, and getting appropriate guidance are critical for people pursuing careers in science. This year, the student- postdoctoral affairs committee is hosting a workshop called "**The Importance of Mentorship in Scientific Careers**" during the annual meeting in Salt Lake City. Mark Jan. 6th Thursday on your schedule and please join us to learn everything about mentoring in science. If you have any particular issue that you would like to see covered during the workshop, don't hesitate to contact me at jenro@umich.edu.



Would You Like to Become the New DCPB Student/Postdoctoral Affairs Committee (SPDAC) Representative?

After our next annual meeting in 2011, my term as a DCPB student and post-doc representative will be over. Not only was I honored to serve as your representative, but I also learned a lot of societal business, which made me to appreciate the society much more. The divisional representative to the Student/Postdoctoral Affairs Committee is appointed by the SICB President, but the appointment is based on a recommendation from the DCPB Executive Committee. The term of service is flexible, but is no longer than three years.

The major duties of this representative include attending the annual meeting, attending the societal business meeting to represent students and post-docs, contributing to the fall and spring SICB newsletters, and helping SPDAC to organize annual workshops. If you are interested in being considered for the SPDAC, please send an email to the DCPB Chair, Jim Hicks at jhicks@uci.edu.