



Division of Comparative Physiology & Biochemistry

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DCPB Officers & Representatives

Donald Mykles
Chair 2012-2014

James Hicks
Past Chair 2012-2014

Richard Lyle Londraville
Secretary 2012-2014

Kristin O'Brien
Program Officer 2011-2013

Christopher Slay
Student/Postdoc Rep 2011-2014

Message from the Chair

Don Mykles, Chair.DCPB@sicb.org



Don Mykles

We are looking forward to an exciting meeting in San Francisco. DCPB will be well represented in symposia, sessions honoring Bruce Sidell and Ken Nagy, and contributed papers.

Congratulations go to Stephen Secor, who was elected Chair-Elect and Jonathon Stillman, who was elected Program Officer. I thank Donal Manahan and David Julian for running for these positions. Stephen and Jonathon start their terms at the end of the 2013 meeting. Stephen becomes Chair in 2014.

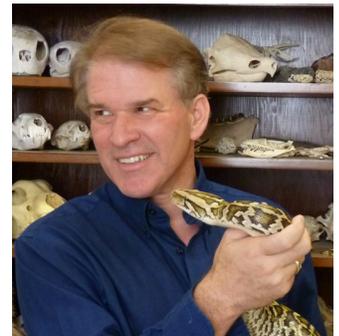
Bartholomew Award. Dr. Alison Sweeney, University of Pennsylvania, was selected and will give the Bartholomew Lecture – see Stephen's report below. I thank the selection committee, consisting of Stephen Secor (Chair), Art Woods, Adam Summers, Sheila Patek, and Doug Altschuler.

Message from the Chair-Elect

Stephen Secor

Stephen Secor

I want to thank the DCPB members for their support in electing me Chair-Elect. I am extremely honored to have this opportunity to continue serving the division. I look forward to working with the officers of the division and society to continue developing exciting programs at meetings, promoting student participation, and encouraging productive efforts in education, public awareness, and support for integrative and innovative science.



George Bartholomew Award



Alison Sweeney

The George Bartholomew Award Committee (Stephen Secor-Chair, Adam Summers, Sheila Patek, Doug Altschuler, and Art Woods) received nine outstanding applications this year. The committee unanimously selected Dr. Alison Sweeney, Assistant Professor at the University of Pennsylvania for her unprecedented, multidisciplinary approaches to the study of organismal design. Alison will be presenting the George Bartholomew lecture on January 4th at 6:30 pm. The Division will host a reception immediately following the lecture.



Alison M. Sweeney attended Illinois Wesleyan University and received a B.A. in biology in 2001. She was mentored there by professors Elizabeth Susie Balsler and Will Jaeckle, longtime members of SICB, who suggested she attend the SICB annual meeting in Chicago during her senior year. At that meeting, she met Sönke Johnsen, who became her Ph.D. advisor at Duke University. Alison did her thesis work on the evolution of material and optical properties of cephalopod lenses, and then post-doctoral work with Daniel E. Morse at University of California, Santa Barbara. In her postdoc, she investigated the evolution of reflectin proteins, Raman scattering and oceanic camouflage, the role of photonic squid structures in camouflage, photonics of the giant clam/Symbiodinium symbiosis, and hypotheses about twilight color and mass spawning events. In Fall 2012, she started an assistant professorship in the Department of Physics and Astronomy at the University of Pennsylvania.

Message from the Program Officer

Kristin O'Brien, DPO.DCPB@sicb.org

Kristin O'Brien



The 2013 SICB meeting in San Francisco is going to be as exciting and eclectic as the city. I just returned from the Program Committee meeting where we organized 227 abstracts for DCPB. To help keep you organized, SICB has developed an App for your smartphone (iPhone or Android compatible). You'll be able to view abstracts, maps, exhibitors, and Tweet about your favorite talks. San Francisco is a wonderful venue but expensive. Don't forget to pack your instant oatmeal. There won't be any free breakfast this year but Starbuck's is conveniently located in the hotel lobby and there are plenty of spots around town to find even better, Blue Bottle Coffee. There will be childcare available again this year. Stay tuned to the SICB website for details.

The Macrophysiology workshop organized by Jonathon Stillman and Piero Calosi will be held on January 8. The tentative plans are for a day-long program at the Hilton hotel with a morning session, a break for lunch, and an afternoon session. In each session there will be one or two stimulating talks, breakout discussion groups, and moderated discus-

sion synthesis. Dinner in the evening will be followed by a synthesis of the Workshop by a VIP participant. The workshop is full, but if you want to participate, contact Jonathon at stillmaj@sfsu.edu.

Many stimulating symposia are on tap for the 2014 SICB meeting in Austin, Texas. The symposium Epigenetics: Molecular Mechanisms through Organismal Influences, organized by DCPB member Warren Burggren will be a society-wide symposium aimed at increasing awareness of epigenetics and the epigenome. Others supported by DCPB include Stress, Condition and Ornamentation, focused on the integration of research on sexual selection and stress physiology, organized by Geoffrey Hill; The Micro and Macro Nutrient Effects in Animal Physiology and Ecology will capitalize on the immense recent interest in ecoimmunology and nutritional pharmacology by linking these interests with the central importance that both micro and macronutrients have on animal physiology and ecology, organized by Robin Warne and Dan Hahn. Methods and Mechanisms in Ecoimmunology organized by Cynthia Downs, Jim Adelman and Greg Demas will highlight the physiological mechanisms underlying immune responses and new technologies in the field.

I'd like to thank everyone in DCPB for allowing me the opportunity to serve as Program Officer. It's been an incredibly fun and rewarding experience. I'd like to extend special thanks to Kathy Dickson, for helping me navigate my first year on the job. Thanks to Sherry Tamone and John Zardus for helping to organize the 2012 and 2013 DCPB abstracts. Brian Tsukimura and Jon Harrison were joys to work with, as were all of the divisional Program Officers. Thank you! Jonathon Stillman takes over after the SF meeting, so contact him (stillmaj@sfsu.edu) if you don't like the canapés at the 2014 Bart social. More importantly, contact him with your ideas for 2015 symposia; it's never too early to begin planning.



Message from the DCPB Student/Postdoctoral Affairs Committee Representative



Chris Slay

Greetings, DCPB students and postdocs.

With the first year of my appointment as graduate student and postdoc representative now behind me, I'd like to thank the division's students and postdocs for their productive interactions. Here's to fruitful relations for the next 2 years.

In San Francisco, the Student/Postdoctoral Affairs Committee will be hosting the annual evening workshop (topic TBD), but will also be hosting -- for the first time -- a networking and professional development booth in the exhibition hall. Students and postdocs are encouraged to come by the booth, consume free coffee, cookies, candies, etc., network, and participate in "mini-workshops." These short workshops should be particularly useful to job-seeking postdocs, and topics will be chosen from the following editing CVs, mentorship, teaching portfolios, pedagogy, negotiation techniques, dual family hires and considerations, alternative careers, and applications processes.

As always, if you have any ideas or would like me to share specific information in the semiannual newsletter, please don't hesitate to contact me at cslay@uci.edu.

See you in San Francisco!

Message from the Secretary

Rich Londravage, Secretary.DCPB@sicb.org

Rich Londravage

In addition to the many exciting symposia offered at this year's meeting, our Division is supporting two special sessions honoring the careers of some real legends in our field.



Nagy Session



Ken Nagy

Please join friends, colleagues, and students of Ken Nagy (UCLA) for a special DCPB session to honor his tremendous contribution to the study of animal physiological ecology and energetics and his dedication to student training.

This one-day session will kick off with an introduction by Dick Tracy, followed by talks from Ken, Ray Huey, William Karasov, Dan Costa, Karen Martin, Stephen Secor, Joe Williams, John Speakman, Roger Anderson, Lisa Hazard and John Lighton. The afternoon poster session will include a collection of posters presented by Ken's colleagues and former students.

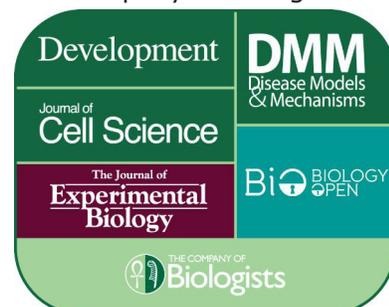
Sidell Session

Bruce Sidell

Comparative Physiology and Biochemistry lost a giant with the passing of Bruce Sidell in February 2011. His laboratory's contributions helped us



understand the physiological consequences of low body temperature and the molecular underpinnings of adaptation to cold. In celebration of his career, we are holding a special session entitled Bruce Sidell's Most Excellent Career: Adventures in Thermal Biology and Cold-Bodied Fishes. George Somero, Bill Driedzic, Bill Detrich, Stuart Egginton, Tim Moerland, Steve Kinsey, Lisa Crockett, Ken Rodnick, Kristin O'Brien, Teresa Grove, Rich Londravage, and Jody Beers will reflect on Bruce's legacy while presenting their most recent work. This session is sponsored by DCPB and The Company of Biologists.





Judges Needed!



Harry Itagaki

Our Division always has many great students that compete in our Best Poster and Best Oral Presentation competitions. That means we need lots of judges! If you are interested in being a judge at our annual meeting, please contact Harry Itagaki and let him know your availability (itagaki@kenyon.edu).

Elections:

Jonathon Stillman

Congratulations to Stephen Secor as our new Division Chair-Elect (ssecor@biology.as.ua.edu; see picture above), and Jonathon Stillman (stillmaj@sfsu.edu) as our incoming Program Officer. Stephen will serve for 1 year as our Chair-Elect, then 2 years as Chair (beginning end of 2014 meeting), and 2 years as Past Chair. Don Mykles will continue as Chair through the 2014 meeting, then serve 2 years as Past Chair. Jonathon takes over for Kristin O'Brien at the end of this years' meeting and will serve for 2 years. Thanks very much for Kristin, who has done an excellent job programming for the Division over these last 2 years. Please check out Jonathon's contribution to Notes from the Underground for the San Francisco Meeting <http://www.sicb.org/meetings/2013/SICB%202013%20San%20Francisco%20Notes%20from%20the%20Underground.pdf>



This Spring we will have an election to replace me (Rich Londrville) as Secretary, for a 2 year term beginning at the end of the 2014 meeting. Don Mykles will be putting together a nominating committee, so if you are interested in the position, or in nominating someone for the position-please contact Don (Chair.DCPB@sicb.org).

Upcoming Meetings:

Metabolism & Endocrinology Themed Meeting
Including a focused symposium on 'Brown adipose

tissue: a new human organ?'

11 - 13 December 2012

The Royal Society, London, UK

Website: <http://www.physoc.org/me2012/>

Experimental Biology 2013:

EB 2013

April 20-24

Boston, Massachusetts

Canadian Society of Zoologists

University of Guelph, Guelph ON

Date: May 13-17, 2013

Contact: Todd Gillis

Email: tgillis@uoguelph.ca

17th International Congress of Comparative Endocrinology

San Francisco

July 15-18, 2013

More information: <http://www.endo-society.org/ENDO-2013-san-francisco.html>

International Union of Physiological Sciences

Birmingham, UK

July 21-26 2013 (<http://www.iups2013.org/>)

If you have anything that you want to communicate for the benefit of our members, please contact me (Secretary.DCPB@sicb.org) and we will make sure it gets in the newsletter.

