



Division of Neurobiology

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DNB Officers & Representatives

Jim Belanger
Chair 2013-2015

Lisa Mangiamele
Secretary 2014-2016

Charles Derby
Program Officer 2014-2017

Christine Bedore
*Student/Postdoctoral Affairs
2013-2016*

Message from the Chair

Jim Belanger (Chair.DNB@sicb.org)

Wasn't Austin outstanding? Beautiful weather (mostly), great restaurants, and, as always, outstanding science. As part of the second-largest meeting SICB has ever held, DNB presented 27 talks and 30 posters. It's worth noting that these presentations only count those members whose primary affiliation is to DNB. In fact, with 647 current members, almost 1 in 4 SICB members is affiliated with DNB. Our division also provided support for four symposia: *When predators attack: Sensing motion in predator prey interactions*, *Vertebrate land invasions - Past, present, and future*, *Keeping time during animal evolution: Conservation and innovation of the circadian clock*, *Integrating genomics with comparative vision research of the invertebrates*. Particular thanks to Duane McPherson, our Program Officer, for his usual grand job organizing the program, and to the judges of the Best Student paper and talk competitions. Twenty-one students competed this year, creating some very difficult choices for the judges. Look for the names of the winners below.

Remember that DNB, like all the divisions, has a pool of money that comes from the divisional dues. This can be used for things like student travel awards, or symposia support. If you have suggestions about how to use these funds, please pass them along to me.

This year I would like to make a concerted effort to establish a presence for neurobiology teaching materials in the SICB digital library. We've all spent time developing the perfect analogy, or trouble-shooting a fool-proof teaching lab, and I'd like to create a site where we can share these. At a bar in Austin (where else?), we discussed the possibility of holding a small meeting to discuss the teaching of neurobiology, and in particular to collect material for classic teaching labs. If you're interested in this idea, please let me know, and we'll see what develops.

Thanks in advance for all of your spectacular submissions, and I'll see you in West Palm Beach!

Message from the Program Officer

Charles Derby (DPO.DNB@sicb.org)

First and foremost, I want to thank Duane McPherson for his many years of service as DNB Program Officer. Duane has done a fantastic job of running DNB events at our annual meeting. As I begin to learn all that he has done so well, especially those things behind the scenes that are not always obvious to us rank-and-file members, I am all the more appreciative. Thank you, Duane, on behalf of all of us!



Symposium Proposals for the 2016 Meeting and Beyond

Proposals for symposia for the 2016 Meeting in Portland are due this August. I have already contacted many of you asking for your ideas. I have heard some positive responses of interest, though no firm commitments yet for submissions. So, if you are interested in proposing a symposium for the 2016 meeting, or even future meetings, please contact me. Guidelines for the process of submitting proposals can be found at [http://www.sicb.org/resources/SICB Symposium Policies and Guidelines Final.pdf](http://www.sicb.org/resources/SICB_Symposium_Policies_and_Guidelines_Final.pdf)

Connecting with Other Scientific Organizations

Towards bringing in new blood to SICB and creating opportunities for current members of SICB, I am exploring the idea of establishing a formal relationship with the International Society of Neuroethology (ISN), much as SICB already has with the Animal Behavior Society, American Microscopical Society, and The Crustacean Society. Some DNB members also attend ISN's conference, which occurs every two years, including this July in Sapporo, Japan. I think that SICB should be the meeting of choice for ISN members in the years when ISN does not hold its annual meeting, and maybe even every year if we can make SICB attractive to them. I have discussed this idea with SICB's Executive committee, and they have authorized me to continue discussions with ISN's leadership on developing a proposal for an agreement between SICB and ISN for reciprocal benefits such as attending either meeting at members' rates. Please let me know if you have any comments on this.

New Ideas?

If you have any ideas on how to improve DNB's activities at future meetings, please contact me.

Message from the Secretary

Lisa Mangiamele (Secretary.DNB@sicb.org)

A few brief items:

We finally have a few entries in the society-wide Researcher Database. Photos of DNB researchers and their model systems are currently on rotation on the main SICB web page. To view DNB's Researcher Database page, go to the main SICB page (www.sicb.org), click on the "Divisions" tab, and select Division

of Neurobiology. You will see the Researcher Database listed at the top of the page, underneath the link to the newsletter. If you would like your research featured, just email me a short description of your research, along with a photo and a title, and I will add it to the database.

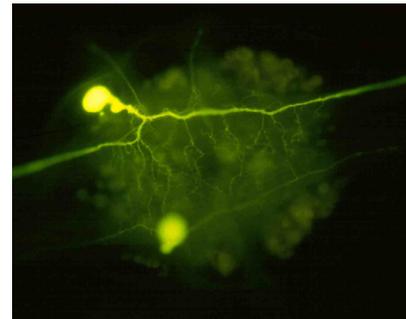
More importantly, congratulations to the winners of the Best Student Presentation competition:

Alexandra Kingston, University of Maryland, Baltimore

Best Student Talk: "Visual opsins in non-visual photoreceptors: a common solution for extraocular light detection"

Rayna Harris, University of Texas, Austin

Best Student Poster: "An integrative neuromolecular and neurophysiological curriculum for the neural systems and behavior course at MBL"



Student and Postdoctoral Affairs

Christine Bedore

Hello DNB students and postdocs!

I hope you all had a successful 2014 meeting in Austin, Texas!

The SPDAC hosted a successful workshop titled "Developing a web presence for your research." We are currently developing ideas for the 2015 workshop in West Palm Beach, the SPDAC will announce details as they become available.

The SPDAC also hosted a booth in the exhibit hall in Austin for the second year. At the booth, we offered career advice to students and provided a comprehensive list of funding opportunities. To access this information, check out the SICB website: <http://www.sicb.org/grants/externalgrants.php>

If you have suggestions for future workshops, the SPDAC booth, or how the SPDAC can help you get the



most out of your SICB meeting, please send them to me at: christine.bedore@duke.edu. We are always looking for ways to make your meeting experience and research program a success!

I enjoyed meeting several of you at the meeting in Austin and look forward to keeping you informed on events for the 2015 meeting in West Palm Beach!

News and Announcements:

Other Meetings of Interest

- o The International Congress of Neuroethology will be held on July 28th through August 1st, 2014 in Sapporo, Japan. Abstract submission accepted until May 2nd, and registration closes on June 27th. Please check the website for information on abstract submissions, meeting registration, and travel details: <http://www.icn2014.jp>. Additionally, a satellite event to the 2014 ICN will be held on July 26-27, and will feature 9 workshops in neuroethology, which will focus on various topics, including birdsong, amphibian communication, predator-prey interactions, and the integration of ethology, neuroscience, and genetics. For more information on the workshops, please see the website: <http://www.icn2014.jp/satellite/workshop.html>.
- o A one-day satellite symposium to the International Society for Behavioral Ecology and Animal Behavior Society meetings this summer will honor the scientific contributions of some of the most influential biologists and neuroethologists in the field of frog communication. The symposium will be held on August 6th, 2014 at Hunter College, New York, NY. See the website for a list of confirmed speakers, program updates, and details on registration: http://www.tc.umn.edu/~mbee//Animal_Communication_Lab/Home.html
- o The Society for Neuroscience meeting is being held in Washington, D.C. from November 15-19. Abstract submission opens April 17 and closes on May 8. If you are planning to attend SFN this year, consider also attending the J.B. Johnston Club for Evolutionary Neuroscience annual meeting on November 14th. To find out more about the club and the meeting program, go to: <http://jbjclub.ning.com/>

SICB DNB Facebook and LinkedIn Groups

- o To join the Facebook group, go to: <http://www.facebook.com/groups/4274475545/>
- o To join the LinkedIn group, search for "SICB Division of Neurobiology" using the **Search Groups** box.



Flamboyant cuttlefish (*Metasepia pfefferi*) walking along the bottom of its tank

DNB Business Meeting Minutes:

Below is a brief summary of the business meeting minutes from the 2014 SICB meeting in Austin, TX. Thanks to Christine Bedore for transcribing them! For full details on some items of business, please go to SICB website to download the complete meeting minutes <http://sicb.org/divisions/DNB/DNB-MeetingMinutes2014.pdf>

- o Michelle Elekonich from NSF updated us on the NSF budget (8% lower than the previous year due to the sequester). She reminded members of a change in the policy for REU supplemental funding, which is that you can no longer request a supplement for an existing grant. All REU supplements must be built into the initial funding request. She also announced new programs for the Mid-Career Investigator Award, and new initiatives through the BIO directorate focusing on the theme "Genotypes to Phenotypes."
- o The Executive Committee reminded us that symposia proposals for the 2015 meeting are due in August.
- o The DNB Chair is soliciting ideas/interest in a neurobiology-focused teaching workshop.



Divisional Officer Elections

This year we are electing a Chair. In 2012 we voted to change the terms of office so that we do not elect more than one officer per year, so this year the Chair will be elected to a 3-year term. See below for candidate statements, and don't forget to vote in May!

Chair Candidate:

Paul A. Moore



Current Position: Professor of Biological Sciences, Bowling Green State University

Education: B.S., University of Michigan, 1986, Ph.D.; Boston University, 1991

Professional Experience: Director, J.P. Scott Center for Neuroscience, Mind & Behavior, Bowling Green State University, 2000-2002; Full Professor, Biology Department, Bowling Green State University, 2002 – Present; Associate Professor, Biology Department, Bowling Green State University, 1999 – 2002; Assistant Professor, Director of Marine Program, Biology Department, Bowling Green State University, 1994 – 1999; Research Associate, Dr. Bruce Bryant, Monell Chemical Senses Center, 1992 – 1994; Post-Doctoral Fellow, Dr. Greg Gerhardt, University of Colorado Health Science Center, 1990 - 1992

Other Memberships: AChemS; ASLO; Animal Behaviour

Research Interests: Neural Basis of Aggression and Chemically Mediated Behaviors in aquatic crustaceans

Goals Statement: SICB is an organization where scientists with broad interests can meet and exchange ideas and where undergraduate and graduate students are encouraged to present. I have always appreciated the broad and welcoming nature of these meetings and would like to continue that aspect of the meetings. Within that concept is collaborating across divisions within SICB. What is unique about the Division of Neurobiology is our connections to other areas of SICB and I would like those connections to continue.

