



Division of Phylogenetics and Comparative Biology

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DPCB Officers & Representatives

Kerin Claeson

Chair 2016-2018

David Blackburn

Chair-Elect 2018-2019

David Blackburn

Secretary 2016-2019

Haley O'Brien

Secretary-Elect 2018-2019

Todd Oakley

Program Officer 2015-2021

Ryan Felice

Student/Postdoc Representative 2015-2018

Message from the Chair-Elect

David Blackburn, chairelect.dpcb@sicb.org

We are looking forward to the 2019 annual meeting in Tampa. We are especially excited to premier the "DPCB Help Booth," in which senior graduate students and scientists can provide hands-on advice for R code, analyses, and more (see Haley's message below).

Whether you attend SICB regularly or not, please attend the DPCB business meeting. The business meetings are important for generating ideas about growing participation in DPCB as well as symposia and other events to propose for the following years meeting. In addition, at the divisional meeting we will announce the winners of the David and Marvalee Wake Awards for Best Student Presentations! To generate more interest in attending the meeting, my lab will be donating ten 3D-prints representing various animals for a raffle at the DPCB business meeting.

In 2019, we will have an election for the DPCB Program Officer. If you might be interested in serving on the Nominating Committee that solicits and then puts forward nominations for DPCB officers, please let me know by email or in person at the meeting in Tampa.

Please plan to attend the 2019 DPCB Wake Award for best student talk and poster to see the breadth of research facilitated through phylogenetic and comparative approaches. The 2018 Wake Award presentations in San Francisco were excellent, and I expect the same for 2019!

Finally, I would like to recognize the outgoing chair, Kerin Claeson, for her leadership of the division over the past few years. We are excited to see where the future leads for DPCB.

Message from the Secretary-Elect

Haley O'Brien, secretaryelect.dpcb@sicb.org

One of the aspects of SICB that I enjoy most is seeing the diversity of methods used by our members. In the Division of Phylogenetic and Comparative Biology, analyses frequently include gene sequencing, phylogeny-building, and comparative phylogenetic evolutionary analysis. While these methods are often taught in undergraduate and graduate level classes, advancement of skills typically involves attendance of workshops. These can be cost-prohibitive and/or limited in their enrollment capacities. That's why I, and the rest of the DPCB executive committee, have started working with the SICB webmaster to build a Phylogenetic Methods section of the Research and Education Resources database. The RER database is a peer-reviewed, freely-accessible resource that will provide a centralized location for hosting methods tutorials. But we need your help! If you have developed tutorials for phylogenetic



methods courses, workshops, manuscripts, etc., please contact me to contribute a tutorial! *Contributing to the RER is a great way to add Broader Impacts to National Science Foundation grants!*

If you have questions about methods or need help troubleshooting analyses and R-script before the Phylogenetic Methods section of the RER database is completed, be sure to visit the DPCB-sponsored **'Ask An Expert' Methods Help Booth** at this year's annual meeting in Tampa! It's going to be a great meeting, and I'm looking forward to the unique programming DPCB has to offer.

We are interested to celebrate awards, accomplishments, and new projects of general interest to our community. Please share these items with our community using DPCB's social media. Stay connected with your DPCB community!

Facebook: www.facebook.com/SICBDPCB
Twitter: twitter.com/sicb_dpcb
Instagram: www.instagram.com/sicb_dpcb

Message from the Program Officer

Todd Oakley, dpo.dpcb@sicb.org

DPCB supports the use of phylogenetic methods to address comparative and integrative questions and will be supporting multiple symposia for the 2020 SICB meeting in Austin, including:

1. Reproduction: the female perspective from an integrative and comparative framework
2. Building Bridges from Genome to Phenome: Molecules, Methods and Models
3. Melding Modeling and Morphology: integrating approaches to understand the evolution of form and function
4. Integrative comparative cognition: can neurobiology and neurogenomics inform comparative analyses of cognitive phenotype?

