

SOCIETY FOR INTEGRATIVE AND COMPARATIVE BIOLOGY
Executive Committee Meeting Minutes
3 January 2018 and 7 January 2018
Salons 10-12 and Foothill C, Marriott Marquis
San Francisco, California

Executive Committee Members, 3 January 2018:

President – Lou Burnett
President-Elect – Beth Brainerd
Past President – Peter Wainwright
Secretary – Kathy Dickson
Secretary-Elect – Alice Gibb
Program Officer – Rick Blob
Program Officer-Elect – Susan Williams
Treasurer – Karen Martin
Member-at-Large – Jennifer Burnaford
Member-at-Large – April Hill
Member-at-Large – Creagh Breuner

Divisional Chairs:

DAB – Jenny Gumm
DCB – Sheila Patek
DCE – Michael Romero
DCPB – Inna Sokolova
DEDB – Cassandra Extavour
DEDE – Carol Fassbinder-Orth
DEE – Robert Cox
DIZ – John Zardus
DNNSB – Michael Baltzley, incoming Chair, for Paul Moore
DPCB – David Blackburn, incoming Chair-elect, for Kerin Claeson
DVM – John Hutchinson

Student Postdoctoral Affairs Committee Chair – Zen Faulkes
Educational Council Chair – Bram Lutton
Broadening Participation Committee Chair – Stacey Combes
Executive Director (*ex officio*) – Brett Burk (BAI)

Others present:

Committee Chairs:

Sarah Berke – Membership Committee Chair
Molly Jacobs – Public Affairs Committee Chair
Bob Roer – Development Committee Chair
Sherry Tamone – Nominating Committee Chair

Guests

Jill Drupa – BAI, SICB Manager
Adam Summers – Founding Editor-in-Chief of new SICB open access journal

Suzanne Miller – ICB Managing Editor
Cailin Deery – Oxford University Press
Michelle Elekonich – National Science Foundation
Miriam Ashley-Ross – incoming Treasurer-Elect
Ulrike Muller – incoming Member-at-Large
Kim Hammond – incoming DPCB Chair-Elect
Kim Hoke – incoming DEDB Chair-Elect
Thom Sanger – incoming Public Affairs Committee Chair

*Note: Blue underlined numbered items are reports appended to the end of these minutes.
Actions and votes are boxed.*

1. Call to Order

The meeting on 3 January 2018 was called to order at 2:37 p.m. by President Lou Burnett, who welcomed and introduced the members of the Executive Committee and guests.

The minutes of the 2017 Executive Committee Meeting were approved unanimously (MSP Extavour/Romero) and then posted on the [SICB web site](#).

2. Record of Executive Committee Actions between annual meetings

The following actions between the annual meetings were read into the minutes for the record:

A. **The minutes of the 2016 Executive Committee meeting in Portland, OR, were approved** by an online vote of the Executive Committee on 25 January 2017 (19-0-1) and are posted on the [SICB web site](#).

B. **Integrative and Comparative Biology Editorial Board appointments were approved:**

Two Assistant Editors were approved on 25 January 2017. The vote was 20-0-0:

Tracy Langkilde, to represent the Division of Animal Behavior, and Michael Dillon, to represent the Division of Ecology and Evolution, both for a 5-year term through January 2022

Six Assistant Editors were approved on 4 December 2017:

Rosemary Knapp, Division of Comparative Endocrinology (vote of 26-0), for a 5-year term through January 2023

David Plachetzki, Division of Evolutionary Developmental Biology (26-0), for a 5-year term January 2023

Petra Lenz, Division of Neurobiology, Neuroethology, and Sensory Biology (26-0), for a 5-year term as through January 2023

Robert Cox (25-0-1), for a 4-year term through January 2022

Jamie Gillooly (26-0), for a 4-year term through January 2022

Anjali Goswami (26-0), for a 4-year term through January 2022

C. **SICB signed on as a partner organization for the March for Science on April 22, 2017** ([A2-SICB March for Science 2017](#)).

D. **SICB signed onto an AIBS letter to Congress dated 23 May 2017 about federal funding of science** ([A2-AIBS Multisociety Science Letter](#)).

E. **A revised Annual Meeting Code of Conduct was approved on 17 November 2017** (vote of 23-0). The Code of Conduct ([A2-SICB Code of Conduct revised](#)) is available on the SICB website > Resources > Policies (<http://www.sicb.org/resources/policies.php3#code>).

F. **The Founding Editor-in-Chief of a new SICB open access journal was selected**
Adam Summers will start the position in January 2018 and lead the new journal which will publish primary research papers in Integrative and Comparative Biology.

G. **Phoenix, Arizona, was selected as the annual meeting venue for 2022** (the vote closed on 15 December 2017 and was 5 in favor of Los Angeles and 20 in favor of Phoenix).

3. Officer Reports

A. Program Officer Report – Blob ([A3-Program Officer Report 2018](#))

1. The schedule for the week was highlighted (see link to [SICB grid 2018.pdf](#))
2. A meeting registration report was presented; meeting registration and number of abstracts continue on an upward trend this year, and have been increasing over the past 10 years. For the 2018 meeting, a record number of abstracts were submitted, and there are over 2300 pre-registrants.
3. The 5-min “lightning talk” format was eliminated from this year’s meeting, due to insufficient participation.
4. Symposia are the heart of the meeting as well as the *ICB* journal content. To encourage high-quality symposium proposals, SICB will be working to provide better support, and will recognize the 2018 symposium organizers by inviting them to breakfast at the Executive Committee meeting on 7 January. Some ideas are to reimburse full registration fees for symposium organizers, pair postdocs with more experienced members to organize symposia, to make available a database of successful proposals and more ideas to obtain funding. Division Chairs were asked to brainstorm with divisional officers to identify good ideas for symposium topics and appropriate potential organizers. In addition, the Program Committee will continue to work with the *ICB* Editorial Board to generate interest from members in proposing symposia, and the journal editor will continue to attend the fall program planning meeting.

B. Secretary Report – Dickson

1. Alice Gibb, who will become Secretary on 7 January 2018, was introduced.
2. The SICB Newsletter schedule for 2018 was presented. The importance of newsletter content in recording SICB history was emphasized.
3. Spring elections:
 - a. Elections occur in the spring ([A3-Secretary, SICB Election Schedule for Spring 2018](#) for SICB-wide and divisional elections). The full election schedule is online: go to Resources > Elections > Election Schedule for SICB and Divisions or <http://www.sicb.org/resources/electionschedule.php3>. Society-wide elections for President-Elect, Program Officer-Elect, and Member-at-Large will be held. Sherry Tamone is chairing the Nominating Committee. Other members are Jennifer Burnaford, Ignacio Moore, and Adam Summers.
 - b. Divisional Chairs were reminded that each division should have a nominating committee, and that the annual meeting is a good time to recruit nominees.

Nominee biographical information for the spring election will be needed for the Spring newsletter.

- c. Nominating committees may use the list of candidates who have previously run for offices which is available on the SICB web site under Resources > Elections > Election Candidates for SICB and Divisions or <http://www.sicb.org/resources/electioncandidates.php3>.
4. SICB Bylaws changes: The amendments to the SICB Constitution and Bylaws that were approved in the Spring 2017 elections are posted on the SICB website (<http://www.sicb.org/about/constitution.php3>).
5. Divisional Best Student Presentation awards.
 - a. Best Student Presentation procedures for administering the awards are posted on the [SICB web site](#) at Resources > Administration, Contacts & Handbooks > Administrative Procedures for Divisional Best Student Presentations. Most divisions now have a selection process for finalists for the BSP oral and some do for posters (see <http://www.sicb.org/students/awards.php3#bsp>). Divisions were reminded that any changes in procedures need to be communicated to the Executive Officers and the Divisional Program Officer so changes can be implemented in time for the next call for abstracts and before the fall program planning meeting. The Divisional Bylaws should be checked to determine whether changes need to be made. If so, Bylaws changes should be included in the spring election for a divisional vote, if possible, and other divisional bylaws should be reviewed for wording.
 - b. Division Chairs were reminded to please have divisional secretaries report the results of Best Student Presentation awards to the SICB Secretary within 2 weeks after the annual meeting for posting on the SICB web site and notification of winners.
 - c. Procedures for processing certificates and checks were reviewed, and Divisional Chairs signed a circulating form for their signatures.
6. Other resources on the SICB web site: the @sicb.org emails, list of officers for each division, the SICB calendar, officer manuals; most items are under the Resources tab.
7. A post-meeting survey was sent to all attendees of the 2017 annual meeting and 715 individuals responded. The results of the survey were shared with the Executive Committee. The feedback was used to improve the annual meeting and the program of the meeting. A post-meeting survey is again planned for this year.

C. Treasurer Report – Martin ([A3-Treasurer Report 2017](#))

1. Highlights of fiscal year 2017 were reviewed by Treasurer Karen Martin.
 - a. The recent performance of the stock market has increased the value of the named funds. SICB finances are generally in good shape. More details are provided in the full report in the Appendix.
 - b. The Treasurer's goal to bring all named funds to the Society's stated \$25,000 minimum has been successful, due to strong efforts by several divisions for specific funds and some large donations. Only the Wenner fund is below this target, and it was never intended to grow. The Executive Officers have decided that this fund will no longer receive investment income from the endowment, but will be used to fund Wenner Strong Inference awards for student presentations in DAB, DEE, and DIZ until it is fully expended, which will take many years.

- c. For the past five years, expenses for the annual meeting (not counting symposia) have been similar to income, so the annual meeting essentially breaks even. The Finance Committee is working on a more informative way to organize and report the annual meeting budget.
 - d. It is planned that quarterly budget reports will be prepared for each Division and eventually a Google sheet will be set up, so that divisional officers have a better idea of finances and can plan how to use them. Each Division receives \$2000 to sponsor symposia and \$800 for a divisional social, allocated by the Divisional Program Officer. These funds do not roll over from year to year. The divisional dues do roll over. Both funds will be included in the divisional budget reports.
 - e. Overall, the goal is to increase transparency about the money and procedures.
2. The finance committee is still working on the budget for fiscal year 2019 (7/1/2018-6/30/2019), and it will be sent out for a vote of the Executive Committee in spring.
 3. Annual evaluation of Burk & Associates, Inc. and SICB Executive Officers – an Electronic Survey will be sent at the end of the annual meeting to all 2017 Executive Committee members, SICB committee chairs, and divisional officers. The survey will close on January 23, 2018.

D. President-Elect Report – Brainerd

1. Upcoming committee appointments for the next year were reviewed (see list in [C5/President-Elect Report 2017](#)), and are almost completed. It was noted that the 12 standing committees involve 126 SICB members, and more than 160 members serve SICB each year.
2. Plans are moving forward for a new Division to include organismal biologists who work on plants and other photosynthetic organisms. One activity is a Plant Biology symposium at the 2019 meeting, which was proposed by Erica Edwards and received support from all current divisions at the fall program planning committee meeting. There will be a 2-day mini-meeting of plant biologists at the Tampa 2018 meeting. The President-Elect is soliciting (a) names and emails of potentially interested people to include in emails and (b) possible symposium topics for future meetings.

E. President Report – Burnett

1. President Burnett acknowledged the Executive Officers who meet once a week for an hour to conduct SICB business, discuss various issues, and make decisions or recommendations to the Executive Committee. He also acknowledged the SICB management company, Burk and Associates, Inc. (BAI) for all their hard work and organization on behalf of SICB. Brett Burk (SICB Executive Director) and Jill Drupa (SICB Manager) from BAI are with us every week on those calls.
2. President Burnett thanked BAI, especially the Meeting Management team led by Lori Strong, and SICB Program Officer Rick Blob and Program Officer-Elect Susan Williams, for all the work that goes into organizing the annual meeting and making it a success.
3. It was noted that the SICB Meeting Code of Conduct was revised prior to the 2018 meeting ([A2-SICB Code of Conduct revised](#)). While registering for the meeting, individuals were directed to it and to check a box to indicate they had read it. We would like feedback on it as it is expected that we will need to update it.
4. The President will soon appoint 8-9 individuals to an ad hoc committee to review and make recommendations on the redesign and updating of the SICB web site. The

Finance Committee has agreed to invest funds for this, so a design firm can be hired to help with this task.

5. Burnett presented information on SICB finances:
 - a. As summarized by the Treasurer, the two main sources of revenue for operating expenses are membership dues and the *ICB* journal. The journal has done well, but the publishing business is unpredictable and the new open-access journal has some promise as a future revenue generator.
 - b. The 12 named funds are very important to SICB because they support a number of SICB activities. These funds are invested, and 4% of the principal, based on a trailing 5-yr average, is available each year for the associated activities. Each fund is associated with different purposes and functions. This past year, a spreadsheet was set up that clearly describes the history of each fund, what entity controls it (e.g., Society or a division), details of any restrictions associated with the fund, a budget for each fund, and details of donations to the fund and income generated from investments. Importantly, targets have been established for each fund to fulfill its purpose. These targets are important in allowing us to understand and plan our fund-raising efforts. Only two of our named funds have achieved or surpassed their targets. The largest fund is the Charlotte Mangum Student Support Fund. This fund supports students to attend the annual meeting. The fund sits at about \$340,000 and provides an annual income of about \$12,000, which goes towards funding students. SICB is committed to funding its students in this and other ways, so the SICB operating budget subsidizes the Charlotte Mangum Student Support Program. The target for the Mangum Fund is \$1.5 million, which would allow us to focus \$60,000 per year on supporting students to attend the annual meeting, without using operating budget funds. A fund can grow when SICB investments have a good year, as they did this past year. They can also grow from donations.
 - c. We want to find ways to better support symposia and to fund new initiatives, such as pre-meeting workshops, more student support, child care at the annual meeting, broadening participation activities, etc.
 - d. In 2018, SICB plans to roll out a “double your dues” campaign, for all members, including students, to donate back to SICB over three years the equivalent of one year’s dues payment - e.g., student members will be asked to donate \$41 (current student membership dues) over three years.

4. Special Reports

- A. Michelle Elekonich, Acting Division Director, Integrative Organismal Systems (IOS), Directorate of Biological Sciences, National Science Foundation, reviewed NSF programs and information of special relevance to SICB:
 1. The search for an IOS Division Director is ongoing, with results to be announced soon. The new Division Director is expected to start in summer 2018.
 2. BIO Assistant Director Jim Olds is leaving NSF and NSF is in the process of finding his replacement. Joanne Tornow will serve as acting Assistant Director until a new AD is appointed.
 3. NSF does not yet have a budget for 2018. The request represented a 10% cut, but Congress makes the budget appropriation, and there has been strong bipartisan support for NSF in the past.

4. IOS (and all core programs in BIO) are moving to a no-deadline process. Pre-proposals will no longer be accepted (starting in January 2018). The IOS core program solicitation has been archived, and new proposals will be accepted any day once the new solicitation is out, which is planned for some time in summer 2018. People should sign up for NSF updates to receive email notifications of news, or follow the IOS blog.
5. There is a new stand-alone EDGE solicitation (Enabling Discovery through GENomic Tools) with a 1 February 2018 deadline for proposals for genomic tools to enable advances in non-model organisms.
6. The Rules of Life (RoL) is one of NSF's 10 Big Ideas, which were developed with buy-in across NSF to be forward-looking and excite Congress about the importance of supporting basic research. RoL focuses on how to predict phenotype from genotype and the analysis of large data sets. There is a new RoL Dear Colleague Letter call for EAGER, RAISE, and conference/workshop proposals.
7. NSF-funded conferences and symposia are forward-looking, not retrospective, and should tie into NSF themes such as RoL.
8. NSF has a booth at the annual meeting and will present a workshop Thursday at noon.

Questions were then taken from the Executive Committee:

- Past President Wainwright expressed appreciation for the changes in the one-deadline, pre-proposal core program process, especially the timing relative to the SICB annual meeting. He thanked NSF for listening to the input SICB had provided about dissatisfaction with the previous process.
- In response to a question about how the review process will work with no deadlines, Michelle noted that “lessons learned” will be provided by the Plant Genome Research Project in IOS, which has piloted a no-deadline process for a year, and the GEO Directorate which has operated with no deadlines for a couple of years. The process will be similar to the present full-proposal review process, and will probably take the same amount of time, but it is expected that there will be more opportunity coordination among programs for proposals that overlap more than one program and for interdisciplinary panels. It was noted that there was an initial decrease in the number of proposals submitted in GEO, and that there has been no significant effect on diversity in the GEO awards.

B. Report on the new SICB Open Access Journal

1. President-Elect Brainerd summarized the process used in selecting a founding Editor-in-Chief and Publisher for the new journal: In 2017, the SICB Executive Officers made substantial strides toward founding a new open access journal for research in integrative, comparative and organismal biology. The Executive Officers opened a national search, Chaired by Past-President Peter Wainwright, for a founding Editor-in-Chief (EIC). The Executive Officers and ICB EIC Marty Martin interviewed four candidates by videoconference and, after approval by the Executive Committee, Adam Summers was selected as the founding EIC. The next step was to select a publishing partner. A request for proposals was sent to publishers, and four proposals were received. Two publishers were rejected outright and two, Oxford University Press and BMC-Springer-Nature, were pressed to improve their offered financial terms of partnership. After substantial deliberations, the Executive Officers, EIC

Adam Summers, and *ICB* EIC Marty Martin selected Oxford University Press as our publishing partner for the new journal. The next step is to select a title for the new journal in consultation with Oxford University Press. The timeline calls for a "soft launch" of the journal in 2017 to get some articles into the pipeline, and then a formal launch in January 2018 at the Tampa meeting with 15-20 articles published at that time. Brainerd then introduced Adam Summers to present his vision for the new journal

2. Summers sees this as an exciting opportunity to provide a platform and give us a home for what we mean by Integrative and Comparative and Biology. Our new journal is where we'd like to see some of the best integrative and collaborative research that SICB members produce, and to shape the science. The real work of the journal will be done by the Editor-in-Chief and the associate editors who recruit and process articles and ask where we should be pushing forward. These associate editors would be shepherding individual articles through to print. Because we want the general public to look at these papers, there will also be a group of outreach editors who will help get that paper out into the world. These outreach editors (probably a group of post docs) would help authors write press releases, get the word out with social media, generate discussion of the paper, etc.

The next issue is to name the journal. There are a couple of proposals already (e.g., *Integrative and Comparative Biology Communications*, *Integrative Organismal Biology*) but Summers would like for people in this room and at the meeting to brainstorm others.

Summers will be visiting the Divisional Business meetings with the Executive Officers to get the word out about the journal, and solicit suggestions for the editorial board and the new journal name, as well as to recruit papers for the first issue.

5. Committee Reports

A. Journal, *Integrative and Comparative Biology*

1. The *ICB* Editor's Report was presented by Managing Editor Suzanne Miller ([A5-ICB Editors report for 2017](#)).
2. Cailin Deery, Oxford University Press, reviewed the Publisher's Report for *ICB* that was previously circulated to the Executive Committee. The journal is the main money-making activity for SICB. Cailin is taking over for Neil Scriven. Katie Lowry, the OUP production representative, and *ICB* Managing Editor Suzanne Miller meet regularly to talk about the journal.
 - a. In 2017, all issues were published on time or early, except one that was 1 day late.
 - b. A key priority is to regain top-ten status in zoology for *ICB*. The current impact factor has dropped, placing us 18th of 163 journals. In 2014 *ICB* was in the top ten, and in 2015 it was 11th. The Grand Challenges papers, and the epigenetics symposium, helped increase the impact factor. The page budget has been increased to accommodate outside symposia or special review papers that will be well cited.
 - c. Overall usage of the journal has increased due to the change in platform, and monthly usage is up. The number signed up to receive content alerts has gone up by 13% over the past year, which is good. More than 5000 institutions have access to the journal, most through a consortium agreement.

- d. Suzanne Miller mentioned that the turnover time for manuscript to publication has improved. The quality check has helped to make sure that there are fewer corrections.

B. Standing Committee Reports

1. Advisory – Wainwright (*on 7 January 2018*)
2. Educational Council – Luton ([A5-Educational Council Report for 2017](#))
 - a. For the 2018 meeting the Educational Council theme in *Science Communication*. The events include two symposia, *Science through narrative: engaging broad audiences* and *Science in the public eye: leveraging partnerships*.
 - b. The Ed Council has been working on the research and education resources database; this could have a significant impact in that the first people we communicate about science with are the students and then they communicate with the public. The RER will be part of the website redesign.
 - c. The 2018 Moore lecturer is Dr. Katayoun Chamany, and the 2018 Morse Award for Excellence and Innovation in Science Education will be presented to Dr. Bill Hoese before the Moore Lecture. Nomination files for the Morse award roll over for a total of three years of consideration.
 - d. The teaching and learning (TALX) workshop on Do-it-yourself Science is Saturday night and will be presented by Larry McPhee.
3. Membership – Berke ([A5-Membership Committee Report for 2017](#))
 - a. The membership of the society has been growing overall, due to an increase in student members. The membership committee is concerned about the decrease in non-student members. In 2017, the committee sent out a survey to past members who had missed two or more meetings. The responses were low, and many of those who responded indicated that they did not renew their membership because they didn't attend the annual meeting, and plan to come back as members (see the committee report for more details on survey results). We should think harder about the benefits of membership independent of annual meeting attendance, and advertise those such as the discount at Oxford University Press. For example, we might consider emphasizing how dues help support students, or have a discounted 3-5 year membership category.
 - b. The academic landscape is changing. Tenure-track jobs are decreasing, and there are more contingent or adjunct faculty. We may need to make membership attractive to contingent faculty and provide more opportunities for them. For example, more educational and pedagogy scholarship offerings, discounted registration fees, of local marketing for meeting attendees.
 - c. The committee worked hard in 2017 to identify deceased individuals in the membership database, and found that of 182 members checked, 90 are still active and 76 are deceased. The latter have now been removed from the membership rolls.
4. Nominating – Tamone
 - a. Society-wide elections for President-Elect, Program Officer-Elect, and Member-at-Large will be held in Spring 2018. Descriptions of the position are on the SICB website.

- b. The Nominating Committee members are Sherry Tamone (Chair), Jennifer Burnaford, Ignacio Moore, and Adam Summers. Executive Committee members were asked to send Tamone the names of potential candidates for the three positions.
5. Editorial Board, *ICB* – M. Martin (included in [A5-ICB Editors report for 2017](#))
 6. Student/Postdoctoral Affairs – Faulkes ([A5-SPDAC Committee Report for 2017](#))
 - a. This year, SPDAC will change the format for the booth, and will give short, 5-min “how to” presentations during the poster session, which will be advertised on social media.
 - b. The 4 January lunchtime SPDAC session will be a roundtable discussion on “Just publish papers” vs. outreach and advocacy.
 7. Student Support – Earley ([A5-SSC Pre-conference Report 2017](#); GIAR and FGST awards will be announced at the SICB business meeting)
 8. Finance Committee – K. Martin (included in [A3-Treasurer Report 2017](#))
 9. Public Affairs – Jacobs ([A5-PAC Report for 2017](#))
 - a. In 2018, PAC worked closely with the Executive Officers to draft the announcement that SICB had signed on as a partner organization for the March for Science (see [A2-SICB March for Science 2017](#)).
 - b. PAC spent a lot of time talking about public outreach and has generated ideas for outreach.
 - c. The 2018 PAC theme is storytelling, and at the 2018 meeting, the PAC is sponsoring or involved with: (i) a symposium, Science Through Narrative: Engaging Broad Audiences, co-organized by PAC member Sara ElShafie, which will be held on January 5th; (ii) the 2018 PAC workshop, Science Through Story: Strategies for Science Communication Inspired by Pixar’s Creative Process, led by Sara ElShafie and her colleagues at Pixar, adapts story development techniques from filmmaking to help scientists engage broad audiences; (iii) a workshop on Sketch your conference notes! A hands-on visual note-taking workshop, will be offered by Shayle Matsuda on January 5th; and (iv) a SICB story booth in the exhibit hall, where individuals can record a two-minute story about science lab fails, and the best stories will be selected and highlighted by the PAC. This is an exciting new activity for the PAC.
 - d. Press releases: For 2018, the PAC selected eight abstracts to feature in Newswise press releases. Look for these as they come out during the meeting. Those from the 2017 meeting had up to 4,093 hits!
 - e. Student journalist program continues with five student journalists who will select presentations at the 2018 meeting for articles that will be posted on the SICB website.
 - f. SICB and social media – since Tom Sanger took over the SICB twitter account (@SICBtweets), it has grown substantially. Beginning in December 2017, PAC member Sharri Zamore has been helping to manage the twitter account. SICB needs to think about a comprehensive social media strategy, and the PAC is currently working to develop a proposed social media management plan for SICB.

- g. President Burnett noted that Marty Martin and Art Woods will interview Plenary Speaker Carl Zimmer on 4 January for a podcast.
10. Program – Blob (included in [A3-Program Officer Report 2018](#))
11. Development – Roer ([A5-Development Committee Report for 2017](#))
- a. The Development Committee has been looking at the various named funds, with the Finance Committee, to developed target amounts that will make them self-sustaining. The DC is support the annual expenses associated with each fund and we’ve been targeting amounts for all the funds. In particular, the committee is focusing on the GIAR, FGST and Mangum funds.
 - b. Planned giving is also a focus. The committee developed a new policy as a way of adding or memorializing people in the society without creating new funds. For example, after Steve Vogel passed away, many of his colleagues wanted to honor him; that group raised \$17,400 from 27 donors. The Development Committee suggested that one or more GIAR awards, to support a student doing research in biomechanics, would be named in honor of Vogel award, and the first of these will be awarded at the 2018 SICB Business Meeting.
 - c. Donations to the Society for FY 2017 amounted to \$32,560.37 from 61 individual donors. Through 30 November 2017 of FY 2018, 42 donors had contributed \$25,471.
 - d. The Chair of the Committee set up an “on-demand” virtual store for SICB apparel with the Queensboro Shirt Company (<https://sicbstore.qbstores.com/>). It can be accessed on the SICB web page (SICB apparel on the top right menu bar). There is no up-front cost to the Society and 15% of all sales will go to support the Mangum and the GIAR/FGST funds.
 - e. The SICB shirts left over from the previous meeting will be on sale at the 2018 meeting.
12. Broadening Participation – Combes ([A5-Broadening Participation Committee Report for 2017](#))
- a. BPC Chair Stacey Combes reported that a generous donation of \$10,000 had been received from the Gans Collections and Charitable Funds, Inc., in support of the BP travel award program. This enabled the committee to increase the number of travel awards from 23 in 2017 to 39 in 2018, each for ~\$500; over 120 applications were received for 2018, a large increase.
 - b. This year, the BP meeting mentorship program that was piloted last year, with 10 mentor-mentee pairs from among the BP travel award winners, was expanded. The mentorship program is now available to all SICB members, whether or not they applied for or received BP travel awards. There was a checkbox on the registration form about interest in this, and 350 people signed up.
 - c. BP activities at the 2018 meeting are: (i) a Meet & Greet breakfast at 7-8 a.m. on Thursday January 4th for BP travel award recipients and participants in the meeting mentorship program; (ii) at noon on Saturday, January 6th, a workshop entitled “*Beyond Traditional Mentors: Mentoring Moments and Networks*” led by Dr. Claire Horner-Devine, a professional consultant and workshop leader who focuses on professional development programs for early career scientists from underrepresented groups in STEM; (iii) the BP social at 7-9 p.m. on Saturday,

January 6th, at the Thirsty Bear Organic Brewery, located ~3 blocks from the conference venue to which all SICB members are invite to help celebrate the accomplishments of the BP travel award recipients.

6. Divisional Reports from Divisional Chairs (see reports in [Appendix 6](#))

1. Animal Behavior
2. Comparative Biomechanics
3. Comparative Endocrinology
4. Comparative Physiology & Biochemistry
5. Evolutionary Developmental Biology
6. Ecoimmunology & Disease Ecology
7. Ecology & Evolution
8. Invertebrate Zoology
9. Neurobiology, Neuroethology, and Sensory Biology
10. Phylogenetics & Comparative Biology
11. Vertebrate Morphology

7. New Business

A. Two new Honorary Members, recommended by the Membership Committee, were unanimously approved:

Carl Zimmer, the 2018 opening Plenary Lecturer, who was nominated by the SICB Executive Officers on the recommendation of the Program Officer, and **Katayoun Chamany**, the 2018 Moore Lecturer, who was nominated by the SICB Executive Officers on the recommendation of the Executive Council.

B. A motion to approve the Proposed Amendments to the SICB Constitution and Bylaws ([A7-Proposed Amendments 2018](#)) was unanimously approved (MSP Extavour/Sokolova). These will be included on the Spring 2018 ballot for a vote of the SICB membership

C. A motion to approve the proposed changes to the SICB Policy on Societies Co-sponsoring the SICB Annual Meeting ([A7-SICB Policy on Affiliated Societies revised](#)), was unanimously approved (MSP Romero/Breuner) and then posted on the [SICB website](#). These changes were made in consultation with the Presidents of AMS and TCS.

D. Creagh Breuner brought up the issue of child care at the annual meeting, based on a manuscript that had been submitted to the *Chronicle of Higher Education*, with lead author Rebecca Calisi and ~35 coauthors, including many SICB members. The manuscript contains suggestions about ways to enable scientists who have children to participate more fully in society meetings. Breuner will send the manuscript out to members of the Executive Committee. The President will appoint Breuner to chair an *ad hoc* committee to study ways that SICB can better support families at the annual meeting.

8. Adjournment. The meeting adjourned at 5:30 p.m. on 3 January 2018.

SOCIETY FOR INTEGRATIVE AND COMPARATIVE BIOLOGY
Executive Committee Meeting Minutes (continued)

Executive Committee Members, 7 January 2018:

President – Lou Burnett
President-Elect – Beth Brainerd
Past President – Peter Wainwright
Secretary – Kathy Dickson
Secretary-Elect – Alice Gibb
Program Officer – Rick Blob
Program Officer-Elect – Susan Williams
Treasurer – Karen Martin
Member-at-Large – Jennifer Burnaford
Member-at-Large – Creagh Breuner

Divisional Chairs:

DCB – Sheila Patek
DCE – Michael Romero
DCPB – Inna Sokolova
DEDB – Cassandra Extavour
DEDE – Carol Fassbinder-Orth
DEE – Robert Cox
DIZ – John Zardus
DNNSB – Michael Baltzley, incoming Chair, for Paul Moore
DVM – John Hutchinson

Editor, *ICB* – Lynn (Marty) Martin
Student Postdoctoral Affairs Committee Chair – Zen Faulkes
Educational Council Chair – Bram Lutton
Broadening Participation Committee Chair – Stacey Combes
Executive Director (*ex officio*) – Brett Burk (BAI)

Others present:

Committee Chairs:

Molly Jacobs – Public Affairs Committee Chair

Organizers of all symposia at the 2018 meeting

Other Guests

Jill Drupa – BAI, SICB Manager
Adam Summers – Founding Editor-in-Chief of new SICB open access journal
Suzanne Miller – *ICB* Managing Editor
Cailin Deery – Oxford University Press
Miriam Ashley-Ross – incoming Treasurer-Elect
Ulrike Muller – incoming Member-at-Large
Kim Hammond – incoming DPCB Chair-Elect
Kim Hoke – incoming DEDB Chair-Elect

1. **Call to Order:** The meeting was called to order at 7:30 a.m. by President Lou Burnett, after starting at 7:00 a.m. with a breakfast Meet and Greet for 2018 symposium organizers. Burnett welcomed and thanked the symposium organizers and had them introduce themselves. Then members of the Executive Committee and other guests who were present were introduced.
5. **Divisional Reports (continued from 4 January 2017) ([Appendix 6](#))**
 - A. Several divisional chairs reported on items from their Business Meetings or Socials:
 1. John Zardus for DIZ passed along the idea that the name of the new division for plant organismal biology should also include other photosynthetic organisms (e.g., algae).
 2. John Hutchinson (DVM Chair) reported on lessons learned about the joint DCB/DVM social which was held off site. They had ~200 attendees and a DJ, and two division members in the local area helped to set it up. It would be better in the future to have BAI help organize and scout out venues, rather than local members, that advance planning is essential, and organizers need to stay on top of the process. It should not fall to the division officers to organize the event at the last minute. Sheila Patek (DCB Chair) noted that one issue is how to balance different member desires for a social – some want a party and others want a quieter place to talk, have drinks, and socialize with others. A question about people’s preferences can be included in the post-meeting survey. In the near future, the two divisions will work on a better process and will work with BAI to find a suitable venue for Tampa.
 3. Cassandra Extavour (DEDB Chair) reported that the DEDB/DPCB/DIZ/AMS/ TCS joint social, which was at an off-site venue vetted by BAI, was very good and was packed. It was also noted that the DEE Beers and Brains has been off-site for several years and very successful, but it involves pre-registration and a limited number of participants and focuses on mentoring.

4.B. Standing Committee Reports (updates from 3 January 2018)

1. Educational Council
 - a. Chair Bram Lutton reminded everyone about the Moore Lecture today at 3:45 p.m., preceded by the presentation of the Morse Award.
 - b. Last night’s workshop went very well and was well attended.
 - c. At the Ed Council meeting, the following topics were discussed: (i) how to better serve contingent faculty; (ii) how education in science is growing and how the Council can be more active in co-organizing symposia; (iii) strategies to build resources for the RER database and make the website more user-friendly; one plan is to reach out to specific divisions and directly email their members for submissions.
2. Public Affairs Committee
 - a. Chair Molly Jacobs reported that the StoryBooth was a great success, and the PAC will decide soon how to make some of them available, and plans a live storytelling event at one of the next meetings.
 - b. There were many hits on the press releases (over 4000 for storytelling), and reporters from Science and Nature were at the meeting. The press releases are posted to Newswise (SICB has a channel at newswise.com where all the press releases are archived, and there are links on the SICB website). A link to the 2018 press releases will be provided in the next SICB Member Update. It was noted that the writers of future press releases should include key words.

6. New Business:

- A. President Burnett explained how committee and divisional communication and functions will be improved over the next few months. Plans are underway to set up dashboards so that, when you log in with your SICB member #, there will be a dashboard for each committee chair with pertinent information easily accessible, and, for division chairs, a Google sheet with the division budget details, etc.
- B. Adam Summers gave an update on the new open access journal: People are interested in wanting to be outreach associates, and nine associate editors have been identified. Summers is still soliciting additional names for editors. Initially, there will not necessarily be one associate editor for each division, but it will evolve naturally. He also mentioned some proposed ideas for the journal name, which will be decided on soon after the annual meeting.
- C. The *ad hoc* committee on child care was formed, chaired by Member-at-Large Creagh Breuner. Questions about child care will be part of the post-meeting survey, as has been done in the past. The subsidized childcare currently provided at SICB meetings is underutilized; advertising needs to be better; please let Creagh know if you have any suggestions The *ad hoc* committee will get to work to develop a spring survey specifically on this topic, so that changes for the 2019 meeting in Tampa may be made.

7. Recognition of Executive Committee Members

SICB Executive Committee members ending their terms at the end of the 2018 meeting were recognized and thanked for their service to SICB.

Society-wide officers:	
Rick Blob	Program Officer
Kathy Dickson	Secretary
Jennifer Burnaford	Member-at-Large
Divisional Chairs:	
L Michael Romero	DCE Chair
Inna Sokolova	DCPB Chair
Cassandra Extavour	DEDB Chair
Carol Fassbinder-Orth	DEDE Chair
John Zardus	DIZ Chair
Paul Moore	DNNSB Chair

The incoming Society-wide officers, effective 7 January 2018, were noted and welcomed:

- Miriam Ashley-Ross as Treasurer-Elect
- Ulrike Muller as Member-at-Large
- Bram Lutton continues as Educational Council Chair

- 8. The meeting was adjourned at 8:40 a.m.

Dear Members of SICB,

We are proud to announce that the Society for Integrative and Comparative Biology (SICB) has signed on as a partner organization for the upcoming [March for Science](#) on April 22, 2017. As SICB scientists, we stand for diversity, academic freedom, science-based policy, and inclusiveness.

Science is not a belief system or a set of opinions; rather, it is the rigorous process of discovering evidence-based truth through intensive research and experimentation. By its nature, science is non-partisan. We at SICB believe scientific information should be freely disseminated, and that all scientists should be free to communicate their findings without fear. We oppose any effort to censor, edit, or restrict access to scientific information.

Scientists provide the best information and evidence possible to those who craft the policies that govern our lives. We call on policy makers to constantly seek sound scientific information, and to base their decisions on peer-reviewed evidence and scientific consensus.

To SICB, the March for Science is not solely about promoting science and science policy, but about supporting all scientists, including those whose opportunities have been limited as a result of social injustice worldwide. Fostering inclusivity also helps to right historical wrongs, wherein people of marginalized demographics have been excluded from science. We consider inclusivity as a cornerstone of scientific advancement and a moral imperative.

Diversity is also fundamental to every aspect of SICB's mission. SICB stands with and is strengthened by people of all genders, gender identities and expressions, races, ethnicities, religions or religious beliefs, sexual orientations, disabilities, and national origins. We hold that diversity within the sciences is critical to advancing the frontiers of scientific knowledge, facilitating the dissemination of information, and fostering an environment conducive to discovery.

The March for Science is an opportunity to voice our support for diversity, academic freedom, science-based policy, and inclusiveness. As an organization, SICB pledges to stand for these core SICB values with words and actions, on April 22 and at all times. Members who would like to participate in the March for Science can find information at <https://www.marchforscience.com/>.

Sincerely,

Molly Jacobs, Chair, SICB Public Affairs Committee
Lou Burnett, President, SICB

May 23, 2017

Dear Members of Congress,

As leading scientific organizations in the biological sciences, we urge you to make strong investments in scientific research and education in fiscal year 2018, and to reject the deep cuts to federal research programs proposed in the President's budget request.

Research is an important engine that powers our economy. Over the past 50 years, roughly half of our nation's private sector economic growth has resulted from research and development.

Analysis of the return on the federal government's \$12 billion investment in the Human Genome Project found that it generated an estimated \$800 billion in economic return. Other economic analyses of investments in agricultural research have estimated a \$10 return on every \$1 the federal government invests. These are just some examples and others may be found in a recent report from the American Institute of Biological Sciences (see https://www.aibs.org/public-policy/resources/AIBS_Biological_Innovation_Report.pdf). In short, taxpayer support of scientific research pays dividends.

The federal government provides more than half of the funding for basic research in the United States. Indeed, industry counts on the federal government to support fundamental discovery so that the private sector may target its resources to new product development. For example, 80,000 patents awarded over a 10-year period were based on research initially funded by the National Science Foundation.

Although the United States has long been a global leader in science, our leadership is waning. Foreign countries are allocating growing shares of their Gross Domestic Product to research and development. New investments in federal research programs must be a priority if we are to remain a global scientific power.

The budget cuts outlined by the Administration for 2018 would set back American innovation for years. Funding rates for programs that support foundational biological research are already extremely low, with roughly four out of five research proposals rejected by the National Science Foundation, National Institutes of Health, and Agriculture and Food Research Initiative. The proposed budget would slash these funding rates even further for researchers at universities, colleges, marine labs, field stations, biological collections, and other non-profit research centers. Research conducted at federal labs would be harmed by likely staff reductions and cuts to research budgets.

Congress has shown bipartisan leadership by advancing science and thus stimulating American innovation and entrepreneurship. Please continue to demonstrate this bipartisan national leadership as Congress makes fiscal year 2018 appropriations.

Sincerely,

American Institute of Biological Sciences
American Arachnological Society
American Ornithological Society
American Society of Ichthyologists and Herpetologists
American Society of Mammalogists
American Society of Naturalists
American Society of Plant Biologists
American Society of Primatologists
Animal Behavior Society
Association of Ecosystem Research Centers
Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina
BioQUEST
Botanical Research Institute of Texas
Botanical Society of America
Coastal and Estuarine Research Federation
Delaware Museum of Natural History
Entomological Collections Network
Entomological Society of America
Florida Atlantic University
Human Anatomy and Physiology Society
National Tropical Botanical Garden
Natural Science Collections Alliance
Organization of Biological Field Stations
Paleontological Society
Sam Noble Oklahoma Museum of Natural History
San Diego Natural History Museum
Sitka Sound Science Center
Society for Behavioral Neuroendocrinology
Society for Integrative and Comparative Biology
Society for Mathematical Biology
Society for the Study of Amphibians and Reptiles
Society for the Study of Evolution
Society of Systematic Biologists
Society of Vertebrate Paleontology
Society of Wetland Scientists
Southern Appalachian Botanical Society
Southwestern Association of Naturalists
The Coleopterists Society
US Chapter of the International Association for Landscape Ecology
Weed Science Society of America
Willi Hennig Society

SICB Annual Meeting Code of Conduct and Harassment Policy

(Revised by legal counsel 10/2/17; revised by Executive Officers 10/26/17; revised with input from the Executive Committee 11/10/17)

Statement of Policy

The Society for Integrative and Comparative Biology (SICB) is committed to providing a meeting environment that fosters open dialogue and the exchange of scientific ideas. In order to promote that environment, SICB is committed to equal opportunity and treatment for all meeting participants, regardless of gender, gender identity or expression, race, color, national or ethnic origin, religion or religious belief, age, marital status, sexual orientation, disabilities, medical condition, genetic information, military or veteran status, or any other reason not related to scientific merit. SICB strives to create at its meetings an environment free from harassment and discrimination. The SICB annual meeting should serve as an effective forum to consider and debate science-relevant viewpoints in a respectful, civil, and fair manner. Meeting participants are expected to uphold standards of scientific integrity and professional ethics and must comply with these standards of behavior. Harassment and other forms of misconduct undermine the integrity of SICB meetings and are strictly prohibited.

Scope of Policy

The policies herein apply to all attendees, speakers, exhibitors, staff, contractors, service providers, volunteers, and guests at the annual meeting and related activities.

Definition of Sexual Harassment

Sexual harassment refers to unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature; this type of behavior debilitates morale and interferes with effective discourse, and therefore will not be tolerated. When unwelcome, behaviors that may constitute sexual harassment include, but are not limited to: sexual flirtations, advances, or propositions; verbal comments or physical actions of a sexual nature; sexually degrading words used to describe an individual; a display of sexually suggestive objects or pictures; sexually explicit jokes; and unnecessary touching. Behavior that is acceptable to one person may not be acceptable to another, so one must use discretion to ensure that words and actions communicate respect for others. This is especially important for those in positions of seniority, as those in more junior positions may be reluctant to express their objections or discomfort regarding unwelcome behavior.

Definition of Other Harassment and Unacceptable Behavior

Harassment on the basis of any other legally protected characteristic will not be tolerated. Harassment refers to behavior that is not welcome or is personally offensive, including but not limited to: epithets, slurs, or negative stereotyping; threatening, intimidating, or hostile acts; denigrating jokes; display or circulation of written graphic material that denigrates or shows hostility or aversion towards an individual or group. Harassment intended in a joking manner

still constitutes unacceptable behavior. Furthermore, disrespectful disruption of presentations and other meeting activities will not be tolerated.

Reporting an Incident of Harassment

If you experience or observe harassment, we recommend that you write down the details as soon as possible, in as much detail as possible, to help you to recall specific events in the future. If you believe you have experienced or observed harassment, notify SICB meeting staff by email at noharassment@sicb.org, by phone at (703) 915-7709, at the meeting registration desk, or by contacting one of the Society's Executive Officers (President, Past President, President-Elect, Secretary, Treasurer, Program Officer). The person experiencing harassment is not required to discuss the incident with the offending party, unless they feel comfortable doing so. If you feel unsafe or threatened, use a venue phone to ask for security; if the circumstances warrant it, call 911 for medical or police assistance. All complaints will be treated seriously, and addressed promptly and appropriately. Confidentiality will be maintained to the extent that it does not compromise the rights of others or the need to conduct an adequate investigation and to the extent allowed by law.

SICB Procedures for Responding to Harassment Complaints at Annual Meetings

1. Any SICB representative receiving a complaint will immediately notify the SICB Executive Director, Meeting Director, Meeting Manager, or a SICB Executive Officer (President, Past President, President-Elect, Secretary, Treasurer, or Program Officer). The Executive Director and the SICB President should be made aware of the situation immediately unless such individual is the subject of the complaint. All complaints will be investigated fairly, thoroughly and as promptly as possible, and corrective action will be taken where warranted.
2. The Executive Director and the SICB President, or SICB Officers designated by one or both of them to serve this function, (along with the SICB President-Elect and the Past President, if available) will then determine whether the matter requires an investigation. If so, they will name at least two impartial investigators to conduct an investigation. Any individual who believes he or she has a conflict of interest should not serve as an impartial investigator. If the Executive Director and the SICB President (along with the SICB President-Elect and the Past President, if available) determine that no investigation is necessary, they will determine if any other action is appropriate.
3. The selected independent investigators will review the complaint and interview the complainant. They will then document and report to the Executive Director and the SICB President, or their designates, who will determine if further investigation is required or recommend other appropriate action, including, where it is deemed advisable, consultation with legal counsel.

4. If appropriate, the investigators will then meet with the alleged offender, explain the details of the complaint, and give them a reasonable chance to respond to the allegations and bring evidence of their own.
5. If the facts are in dispute, the investigators will take any additional steps necessary to determine the facts, such as interviewing witnesses. The investigators will seek appropriate counsel from the Executive Director and SICB President, or their designates, if they are unsure how to proceed at any time.
6. The investigators will report the findings of the investigation to the Executive Director and the SICB President or other Executive officers, as appropriate. The available Executive Officers will then determine an appropriate action, which may include a disciplinary action. The determination will then be promptly communicated to the complainant and alleged offender.
7. Notification to the Society is essential to enforcing this Policy. Meeting participants may be assured that they will not be penalized in any way for reporting harassment or discrimination.

Disciplinary Action

Individuals who violate this policy will be subject to disciplinary action, as will individuals who act in bad faith by making maliciously false accusations. In the Society's sole discretion, this disciplinary action may consist, at minimum, of a written warning, but may also include ejection from the meeting, reporting the behavior to the violator's Title IX officer (or equivalent), and other penalties, without refund of any applicable registration fees or costs. If an incident is particularly serious or repeated incidents occur with the same individual, that individual may be banned from future meetings, or SICB membership may be revoked.

Retaliation is Prohibited

Retaliation against any individual who reports harassment or assists in an investigation as defined herein is strictly prohibited and will not be tolerated. Retaliation is a serious violation of SICB policy and, like acts of harassment or discrimination, will be subject to disciplinary action. If you believe you have experienced or observed retaliation, notify SICB meeting staff by email at noharassment@sicb.org, by phone at (703) 915-7709, at the meeting registration desk, or by contacting one of the Society's Executive Officers (President, Past President, President-Elect, Secretary, Treasurer, Program Officer).

Appeal & Questions

In the event that an individual is dissatisfied with the actions taken as a result of the investigation, he or she may submit a written appeal to SICB's Executive Officers. An appeal may be granted at the discretion of the Executive Officers.

Any questions regarding this policy should be directed to an Executive Officer.

Program Committee Report 2018

Rick Blob, Program Officer and Chair of the Program Committee

Program Committee

Rick Blob (Program Officer), Susan Williams (Program Officer-Elect), Scott MacDougall-Shackleton (DAB), Jake Socha (DCB), Ignacio Moore (DCE), Wes Dowd (DCPB), Yui Suzuki (DEDB), Greg Demas (DEDE), Chris Tracy (DEE), Linda Walters (DIZ), Jeff Riffell (DNNSB), Todd Oakley (DPCB), Brooke Flammang (DVM), Elizabeth Davis-Berg (AMS), and John Zardus (TCS). In addition, this year we were assisted by Michele Johnson (DAB).

The Program Committee met in New Orleans, LA, on October 6-8, 2017, to view the venue and to organize abstracts into cohesive sessions, and to select symposia for the 2019 SICB meeting in Tampa, FL. The abstracts were organized into:

- 1) Plenary Session – Carl Zimmer, speaker
- 2) 3 special lectures
 - a. Bartholomew Lecture: Caroline Williams
 - b. Bern Lecture: David Norris
 - c. Moore Lecture: Katayoun Chamany
- 3) 142 sessions
- 4) 3 days of posters (830 posters)
- 5) 11 Symposia

Abstract deadline was originally Wednesday, September 6. Due to the system failure of our hosting server during submissions, and interruptions in several southeastern localities due to hurricanes striking before the deadline and impending over the deadline, we extended the deadline to 3 pm (EST) on Friday, September 8. This was a successful step that was appreciated by several members. However, although the goal of the 3 pm deadline (placing during business hours in case there were problems) inadvertently caused confusion, as it was not the same as the midnight HST deadline to which members were accustomed. If such steps are ever required in the future, I would recommend maintaining the midnight HST deadline, as we ended up making several exceptions in light of the confusion.

There were 1988 total abstract submissions to the online system. After removal of duplications and errors, as well as cancellations, this reduced to 1938 presentations for the final program (as of December 19), including 1108 talks and 830 posters. Notification of abstract acceptance went out in mid-October. The number of submissions and final presentations were both slightly larger than last year's record number of submissions (1957) and final presentations (1887) for New Orleans, making this the largest SICB meeting to date by about 50 presentations.

One simplification to the program this year was the elimination of the 5-min "lightning talk" format, due to insufficient participation.

As Program Chair:

- 1) I worked with the Chairs of the Public Affairs Committee, the Broadening Participation Committee, the Student and Postdoctoral Affairs Committee, and the Education Council to formalize workshops during the meeting. Workshops will be offered each of the 4 days of the meeting. The Workshops that we will have in San Francisco are
 - a. Broadening Participation
 - b. Student and Postdoctoral Affairs Committee
 - c. Public Affairs / Complementary to Symposium 4 (Science as Narrative)
 - d. Student Support Committee – writing competitive GIAR/FGST applications
 - e. TAL-X
 - f. NSF: Update on the IOS solicitation and Q&A

- g. Sketchnotes
 - h. Genome to Phenome – Transcriptomics Brownbag
 - i. *Journal of Experimental Zoology* Publishing Pointers for Students
 - j. Best practices for using NGS data to evaluate selection and evolution in polar organisms
 - k. *ICB* Editor’s Challenge workshop (Defining Stress)
 - l. DEDB workshop – animal cell types
- 2) I worked with the eleven 2018 symposium organizers to ensure that they were in compliance with *ICB* requirements. I worked with symposium organizers to make sure that their symposia were publicized correctly on the web and in the program.
 - 3) I worked with the Program Officer-Elect (Susan Williams) to ensure continuity from previous procedures to manage the responsibilities of Program Officer.
 - 4) I worked with Burk, Inc., and SICB Webmaster to develop information for the Meetings Webpage and the published program.
 - a. I worked with organizers of the Bartholomew Award, Bern Lecture, and Moore Lecture to publicize this information on the SICB WebPage
 - 5) I worked with presenters, Burk, Inc., and Ruedi to finalize the program in the face of multiple changes that occurred between October and December.
 - 6) I worked with the Program Committee and the *ICB* Editorial Board to generate interest from members in proposing symposia for the upcoming 2018 meeting in Tampa. Reaching out to the Editorial Board was continued from last year, intended to reflect that the symposia generate the primary content for the journal. This additional effort seemed to bear fruit this year, as we received 16 symposium applications. We selected a full slate of 12, and will continue discussions on strategies to help ensure that a sufficient number of symposia are proposed to allow a full and high-quality program in future years.
 - 7) The Program Committee noted the continued growth of meeting attendance over the last several years, and will review programming procedures to determine if adjustments are needed to accommodate future additional growth in submissions.
- One step from a programming standpoint that will improve efficiency is the implementation of a new rule that competitors for a BSP in a Division cannot also select the option of being complementary to a symposium. Both selections typically have review processes, but not by the same groups (division reviews and symposium organizer reviews, respectively). This requires multiple communications between these groups during the decision process, causing delays and compressing the decision process for each selection. The number of presentations in each group has grown to the point that such interchange is no longer manageable, and the Program Officers strongly supported a policy that submissions could only select one or the other of these options.

*EVENTS/FUNCTIONS	Wednesday, January 3 – Day 1	Thursday, January 4 – Day 2	Friday, January 5 – Day 3	Saturday, January 6 – Day 4	Sunday, January 7 – Day 5
KEYNOTE LECTURES Times as noted	Plenary Session: Carl Zimmer <i>Science and Scandal: Reporting on Biology In An Age of Controversy</i> 7:30-8:30 pm - Salon 1-7	Bartholomew Lecture: Dr. Caroline Williams <i>Cold truths: Evolutionary Impacts of Winter on Terrestrial Ectotherms</i> 7:00-8:00 pm - Salon 7	Bern Lecture: Dr. David Norris <i>Five Decades of Environmental Comparative Endocrinology</i> 7:00-8:00 pm - Salon 7		Moore Lecture: Dr. Katayoun Chamany <i>From STEM to STREAMD: Responsibility, Arts, and Design for Inclusive Learning</i> 3:45-4:45 pm - Salon 7
SYMPOSIA 8:00 am-3:30 pm unless otherwise noted in program		S1: From Small and Squishy to Big and Armored: Genomic, Ecological and Paleontological Insights into the Early Evolution of Animals. <i>Organizers: Erik Sperling & Kevin Kocot – Salon 7</i> S2: Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance. <i>Organizers: David Williams & Natalie Holt - Golden Gate B</i> S3: Evolution in the Dark: Unifying Understanding of Eye Loss. <i>Organizers: Megan Porter & Lauren Sumner-Rooney - Golden Gate A</i>	S4: Science Through Narrative: Engaging Broad Audiences. <i>Organizers: Sara Elshafie, Stuart Sumida, & Bram Lutton – Salon 7</i> S5: Sensory Feedback and Animal Locomotion: Perspectives from Biology and Biorobotics. <i>Organizers: Brett Aiello, Jessica Fox, & Gary Gillis - Golden Gate B</i> S6: Understanding the Evolution of Endocrine System Variation through Large-scale Comparative Analyses. <i>Organizers: Maren Vitousek, Michele Johnson - Golden Gate A</i>	S7: Science in the Public Eye: Leveraging Partnerships. <i>Organizers: Martha Merson, Nick Hristov, & Louise Allen – Golden Gate B</i> S8: Integrative Biology of Sensory Hair Cells. <i>Organizers: Duane McPherson & Billie Swalla - Golden Gate A</i> S9: Inside the Black Box: The Mitochondrial Basis of Life-history Variation and Animal Performance . <i>Organizers: Karine Salin & Wendy Hood Rooney - Salon 7</i>	S 10: Behavioral and Physiological Adaptation to Urban Environments. <i>Organizers: Jenny Ouyang & Davide Dominoni – Salon 7</i> S11: Measuring Biodiversity and Extinction: Present and Past. <i>Organizer: Julia Sigwart – Salons 14-15</i>
CONTRIBUTED PAPER SESSIONS 8:00 am-3:30 pm unless otherwise noted in program Ready Room: Foothill D - 2nd Level Hours: Wednesday – Noon-7:00 pm Thursday – 7:00 am-5:00 pm Friday – 7:00 am-5:00 pm Saturday – 7:00 am-5:00 pm Sunday – 7:00-10:00 am Check in at the Ready Room at LEAST one half day before your presentation, 24 hours is preferred. All meetings take place at the San Francisco Marriott Marquis Childcare will take place in Sierra K on the 5th floor.		<u>Morning</u> 1: Comp to S6: Illuminating the ... - Salons 5-6 2: Evolutionary Morphology - Foothill G 3: Predator/Prey 1 - Nob Hill A-B 4: Microbiome - Nob Hill C-D 5: Biomaterials: Aquatic - Foothill E 6: Feeding: Bites and Strikes - Foothill C 7: Sensory Biology: Receptors and ... - Salons 1-2 8: Genomics - Salons 3-4 9: Temperature-Oxygen Relationships & Critical Thermal Limits - Golden Gate C-1 10: Comp to S5: Sensory.. Pt 1 - Golden Gate C-2 11: Huey Award BSP - Salons 10-12 12: Locomotion: Snaking Around - Salons 13-15 13: BSP - DNNSB - Salons 5-6 14: Evolution of Host-Parasite ... - Foothill G 15: Behavior in Multispecies ... - Nob Hill A-B 16: Behavioral Ecology: Stress - Nob Hill C-D 17: Biophysical Ecology - Foothill E 18: Macroevolution - Foothill C 19: Reproductive Endocrinology - Salons 1-2 20: Comparative Genomics - Salons 3-4 21: Comp to S4: Science ... - Golden Gate C-1 22: Comp to S5: Sensory Pt 2 - Golden Gate C-2 23: Comparative Stress Endocrin. - Salons 10-12 24: DVM BSP - Salons 13-15 <u>Afternoon</u> 25: Morphology: Unlocking the Vault - Salons 5-6 26: Evolutionary Morph. – Eyes. - Foothill G 27: DAB: Marlene Zuk Award - Nob Hill A-B 28: Physiology in the Cold & Deep - Nob Hill C-D 29: Biogeography - Foothill E 30: Feeding in Aquatic Vertebrates - Foothill C 31: Neuroethology - Sensorimotor Responses - Salons 1-2 32: BSP - Aubrey Gorbman Award - Salons 3-4 33: Animal Communication - Signal Complexity - Golden Gate C-1 34: Comp to S5: Sensory Feedback and Animal Locomotion: ..., Pt 3 - Golden Gate C-2 35: Behavioral Thermoregulation - Salons 10-12 36: Locomotion: From Trees to Ground - Salons 13-15	<u>Morning</u> 37: Respiration and Ventilation - Salons 13-15 38: Flight: Birds, Bats, and Gliders - Salons 10-12 39: Conservation Biology - Salons 1-2 40: Wake Award - DPCB BSP - Salons 3-4 41: Parental Care - Salons 5-6 42: Animal Communication: ... - Foothill G 43: Insect Flight: Living in an ... - Foothill C 44: Sharp Bits - Nob Hill A-B 45: Behavioral Endocrinology - Nob Hill C-D 46: Biomaterials: Baggy Skin is the New Black - Golden Gate C-1 47: Environmental Omics/Etics - Golden Gate C-2 48: Cnidarian Evo-Devo - Foothill E 49: DCB: BSP Award - Salons 13-15 50: Evo-Devo: From Genotype to Phenotype - Salons 10-12 51: Comp to S3: Evolution in ..., Pt 1 - Salons 1-2 52: Phylogenetics - Salons 3-4 53: Behavioral Eco.: Development..... - Salons 5-6 54: Sensory Behavior - Foothill G 55: Population-Level Adaptations - Foothill C 56: Host-Pathogen Interactions - Nob Hill A-B 57: Population Genetics - Nob Hill C-D 58: Evo-Devo of Reproductive ... - Golden Gate C-1 59: Temperature Variation and Physiological Plasticity - Golden Gate C-2 60: Evolutionary Ecology - Foothill E <u>Afternoon</u> 61: Superfast! Power Amplification! - Salons 13-15 62: Host-Parasite Interactions - Salons 10-12 63: Comp to S3: Evolution in ..., Pt 2 - Salons 1-2 64: DEDB BSP - Salons 3-4 65: Collective Behavior - Salons 5-6 66: Reproductive Behavior - Foothill G 67: Terrestrial Locomotion: Walk, ... - Foothill C 68: Climate Change & Communities - Nob Hill A-B 69: Population Differentiation - Nob Hill C-D 70: Swimming with the Fishes - Golden Gate C-1 71: Mitochondria, ROS, and Hypoxia/Anoxia - Golden Gate C-2 72: Sensory Biology - Multimodal Sensing and Behavior - Foothill E	<u>Morning</u> 73: Insect Flight: Wings, Control ... - Salons 13-15 74: Adhesion: Not Slippery When Wet - Salons 10-12 75: Morphology: Postcranial - Salons 1-2 76: Terrestrial Locomotion: Gait & Posture - Salons 3-4 77: Maternal Stress Endocrinology - Salons 5-6 78: Ecomorphology: Feeding and Diet - Foothill G 79: Immune Trade-Offs - Foothill C 80: Predator/Prey 2 - Nob Hill A-B 81: Ventilation & Circulation - Nob Hill C-D 82: Life History Evolution - Golden Gate C-1 83: Coral Reef Systems - Golden Gate C-2 84: Conservation Genetics - Foothill E 85: Locomotion on Variable Substrates - Salons 13-15 86: Adhesion: Sticky When Dry - Salons 10-12 87: Sensory Bio. - Active & Env. Sensing - Salons 1-2 88: Plasticity - Salons 3-4 89: Environmental Stress Endocrinology - Salons 5-6 90: Comp to S10: Behavioral and Physiological Adaptation to Urban Environments, Part 1 - Foothill G 91: Immunity - Foothill C 92: Mate Selection - Nob Hill A-B 93: Thermobiology of Endotherms - Nob Hill C-D 94: Plasticity and Evolution - Golden Gate C-1 95: Reef Communities - Golden Gate C-2 96: Neurobiology & Anatomy - Foothill E <u>Afternoon</u> 97: Bird Flight: Wing Morphing & More - Salons 13-15 98: Ecomorphology: Locomotion - Salons 10-12 99: Rhythm and Behavior - Salons 1-2 100: Muscle Physiology - Salons 3-4 101: Behavioral Ecology: Seasonality & Hormones - Salons 5-6 102: Comp to S10: Behavioral and Physiological Adaptation to Urban Environments, Part 2 - Foothill G 103: Evolution of Developmental Processes - Foothill C 104: Comp to S11: Measuring Biodiversity and Extinction – Present and Past - Nob Hill A-B 105: Comparative Endocrinology - Nob Hill C-D 106: Reproductive Physiology - Golden Gate C1 107: Larval Ecology - Golden Gate C2 108: Neuroethology - State-Dependence and Neurobiology - Foothill E	<u>Morning</u> 109: Digestion and Energetics - Salons 1-2 110: Bioindicators and Pollution - Salons 3-4 111: Metamorphosis and Regeneration - Salons 5-6 112: Comp to S1: From Small and Squishy to Big and Armored: Genomic, Ecological and... - Salons 10-11 113: Genetics of Adaptation - Foothill G 114: Locomotion and Navigation - Nob Hill A-B 115: Developmental Endocrinology - Nob Hill C-D 116: Bird Morphology - Foothill E 117: Morphology: Heady Matters - Pacific H 118: Muscle and Tendon - Pacific I 119: Sexual Dimorphism & Sexual Selection - Pacific J 120: Evolutionary Physiology - Oxygen - Salons 12-13 121: Scaling and Other Complexities of ... - Salons 1-2 122: Awesome Biomechanics: From ... - Salons 3-4 123: Morphogenesis and Organogenesis - Salons 5-6 124: Comp to S1: From Small and Squishy to Big and Armored: Genomic, Ecological and ... - Salons 10-11 125: Adaptation - Foothill G 126: Behavioral Ecology and the Environ. - Nob Hill A-B 127: Symbiotic Relationships - Nob Hill C-D 128: Comp to S9: Inside the Black Box: The Mitochondrial Basis of Life-History... - Foothill E 129: Fluids: Low Reynolds Number - Pacific I 130: Sexual Selection - Pacific J 131: Evolutionary Physiology - Salons 12-13 <u>Afternoon</u> 132: Bioinspiration: Cats' Paws and Catapults - Salons 1-2 133: Ocean Acidification - Salons 3-4 134: Aquatic Locomotion: It is a Fluke - Salons 5-6 135: Comp to S2: Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance: Less Than a Cell to Behavior - Salons 10-11 136: Social Behavior - Nob Hill A-B 137: Undergraduate Biology Education - Nob Hill C-D 138: Filter Feeding - Foothill E 139: Body Size, Ontogeny and Scaling - Pacific H 140: Osmotic Stress and Ionic Regulation - Pacific I 141: Energetics of Diving, Flying, Running... - Pacific J 142: Evo: Eco-Morpho - Salons 12-13

*EVENTS/FUNCTIONS	Wednesday, January 3 - Day 1	Thursday, January 4 – Day 2	Friday, January 5 – Day 3	Saturday, January 6 – Day 4	Sunday, January 7 – Day 5
POSTER SESSIONS Poster presenters must stand by their posters during scheduled times.		Poster Session 1 set up: 7:30-8:00 am Poster Session 1 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 1 teardown: 5:30-6:00 pm	Poster Session 2 set up: 7:00-8:00 am Poster Session 2 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 2 teardown: 5:30-6:00 pm	Poster Session 3 set up: 7:00-8:00 am Poster Session 3 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 3 teardown: 5:30-6:00 pm	
EXHIBIT HOURS Salons 8-9 Coffee breaks - 9:30-10:30 am & 3:30-5:30 pm	Exhibitor set-up Noon-8:00 pm	9:30 am-5:30 pm	9:30 am-5:30 pm	9:30 am-5:30 pm	
COMMITTEE/BOARD MEETINGS	Executive Committee 2:30-5:30 pm – Foothill C Student Support Committee 5:30-7:00 pm – Foothill G	Nominating Committee 7-8 am – Pacific C Div Chairs Pres/Pres-Elect Noon-1:30 pm – Pacific C TCS Board Meeting 5:30-10:00 pm – Pacific D AMS Executive Committee 8-11 pm – Pacific C	Broadening Participation Committee 7-8 am – Pacific D Advisory Committee 7-8 am – Pacific C Division Secretaries Noon-1:30 pm – Pacific C Educational Council Noon-1:30 pm – Pacific D SPDAC Noon -1:30 pm - Pacific E	SICB Editorial Board Noon-1:30 pm – Pacific I DPOs and Symposium Organizers for Tampa Meeting Noon-1:30 pm – Pacific H Editorial Board Meeting Journal of Experimental Zoology Part A: Ecological and Integrative Physiology Noon-1:30 pm - Golden Gate C3 Development Committee Noon-1:30 pm – Pacific A	Executive Committee 7:00-9:00 am – Foothill C Public Affairs Committee Noon-1:30 pm – Hotel Restaurant Group Meeting: Science in the Public Eye symposium 9:00 am-12:30 pm - Foothill F
SOCIETY/DIVISIONAL MEETINGS		DAB Mtg 5:45-6:30 pm – Foothill G DNNBS Mtg 5:45-6:30 pm – Foothill E DCPB Mtg 5:45-6:30 pm – Nob Hill A/B DCB Mtg 5:45-6:30 pm – Salon 3+4 DEE Mtg 5:45-6:30 pm – Salon 5+6 DEDE Mtg 5:45-6:30 pm – Nob Hill C/D DEDB Mtg 5:45-6:30 pm – Salon 1+2	TCS Bus Meeting Noon - 1:30 pm Golden Gate C1 AMS Bus. Meeting 12:30-1:30 pm – Nob Hill A/B DCE Mtg 5:45-6:30 pm – Nob Hill A/B DVM Mtg 5:45-6:30 pm – Salon 1+2 DIZ Mtg 5:45-6:30 pm – Salon 3+4 DPCB Mtg 5:45-6:30 pm – Nob Hill C/D	SICB Society Meeting & Awards Presentation 5:30-6:30 pm – Salon 7	
WORKSHOPS & PROGRAMS	Student worker orientation and first-timer orientation “How to get the most out of your SICB meeting” 5:30-6:30 pm – Salon 7 *Required for students with Charlotte Mangum support Workshop: Best practices for using NGS-based datasets to determine statistically robust evidence of positive selection and convergent evolution of polar organisms. 9 am-5 pm – Foothill E Workshop: ICB Editor’s Challenge to Define Stress. 8:30 am-4:30 pm – Foothill F	Student Postdoctoral Affairs Brown Bag Workshop: “Just publish papers” vs. outreach and advocacy Noon-1:30 pm – Golden Gate A Public Affairs Committee Workshop: Science Through Story: Strategies for science communication inspired by Pixar’s creative process. Noon-1:30 pm – Salons 3-4	Sketchnotes Workshop: A hands-on visual note-taking workshop (Matsuda) Noon-1:30 pm – Salons 3-4 Journal of Experimental Zoology Workshop: “Discussion with the Editors of JEZ-A and JEZ-B on how to get published” (David Crews, Günter Wagner, Paul-André Genest) Noon-1:30 pm – Salons 1-2 NSF Program Officers: Revisions to the IOS core program and Q&A Noon-1:30 pm – Golden Gate C2	Broadening Participation Committee Workshop: Beyond traditional mentors: mentoring moments and networks Noon-1:30 pm – Pacific H Student Support Committee Brown Bag Workshop: Writing a Competitive GIAR/FGST Grant Proposal Noon-1:30 pm – Salons 10-12 TAL-X Workshop: Biology on a Budget: Sharable DIY Bio Lab Activities (Larry McPhee) 7:00-9:00 pm – Pacific H DEDB Workshop: Origination of Cell Types (Wagner) 6:30-9:30 pm - Foothill G	Animal Genome to Phenome RCN: Transcriptomics Brownbag Noon-1:30 pm – Foothill C
SOCIAL EVENTS	Welcome Reception 8:30-10:00 pm - Golden Gate Ballroom	Zumba 6:30-7:15 am – Juniper Broadening Participation Meet & Greet 7:00-8:00 am – Pacific A DCPB Social and BART Reception 8-10 pm – Ballroom Foyer	Zumba 6:30-7:15 am – Juniper DCE/DEDE/DAB/DNNBS Social 8:00-10:00 pm – Thirsty Bear , 661 Howard Street DVM/DCB Social 9:00 pm – Monarch , 101 6th Street	Zumba 6:30-7:15 am – Juniper Broadening Participation Social 7:00-9:00 pm – Thirsty Bear , 661 Howard Street DEDB/DPCB/DIZ/AMS/TCS Social 6:30-8:30 pm – Thirsty Bear , 661 Howard Street	Zumba 6:30-7:15 am – Juniper Society-wide social in honor of students and post-docs 5:00-7:00 pm – Ballroom Foyer
REGISTRATION- North Registration Desk	3:00-8:00 pm Wednesday 3 January	7:00 am-5:00 pm Thursday 4 January	7:30 am-4:00 pm Friday 5 January	7:30 am-3:00 pm Saturday 6 January	7:30 am-2:30 pm Sunday 7 January

Appendix 3. SICB Election Schedule for Spring 2018

SICB-Wide Elections in 2018:

President-Elect
Program Officer-Elect
Member-at-Large

Divisional Elections in 2018:

Division of Animal Behavior	Chair
Division of Comparative Biomechanics	Chair-Elect
Division of Comparative Endocrinology	Program Officer-Elect
Division of Comparative Biochemistry & Physiology	Chair-Elect Program Officer
Division of Evolutionary Developmental Biology	Chair-Elect
Division of Ecoimmunology & Disease Ecology	Chair-Elect
Division of Ecology & Evolution	Chair-Elect Program Officer-Elect
Division of Invertebrate Zoology	Secretary
Division of Neurobiology, Neuroethology, and Sensory Biology	Secretary
Division of Phylogenetics & Comparative Biology	none
Division of Vertebrate Morphology	Chair-Elect Secretary-Elect

Treasurer's Report, Annual Meeting, January 2018

This report at the annual meeting will address many aspects of the revenues and expenses of the Society.

Fiscal year (FY) 2017 was a good one for SICB's invested funds. SICB's endowment includes twelve named funds, starting FY 2017 at \$1,111,212 of \$1,287,021 invested. At the end of FY 2017, the investments were valued at \$1,515,314 with the named funds at \$1,298,360. The funds are earmarked for particular uses to support the Society, and therefore each year some money is transferred out of some of the funds. The amount spent is no more than 4% for each fund, and investment dividends and returns should allow the funds to maintain value and grow over the long term.

In 2014 the Finance Committee re-normed the named funds as a result of some changes to the way that the investment returns were allocated and to correct for movement of some funds to unrestricted uses in prior years. Also the method for allocating investment returns was changed. Subsequently, stock market losses took a toll on some of the funds but at the end of FY 2017, thanks to a good year for the stock market and continued donations from the members of SICB, all named funds are now in their best shape ever. This means that more will be available for the uses earmarked by each fund.

Taking a closer look, among the larger named funds (Fig. 1), the Mangum and GIAR funds partially support student travel and research each year. The Bartholomew fund supports the Bartholomew awardee and partially supports its evening social. As can be seen, these funds lost value in the previous three years when returns did not keep up with expenses, but all recovered this past year. The Hyman award is also used every year, to support

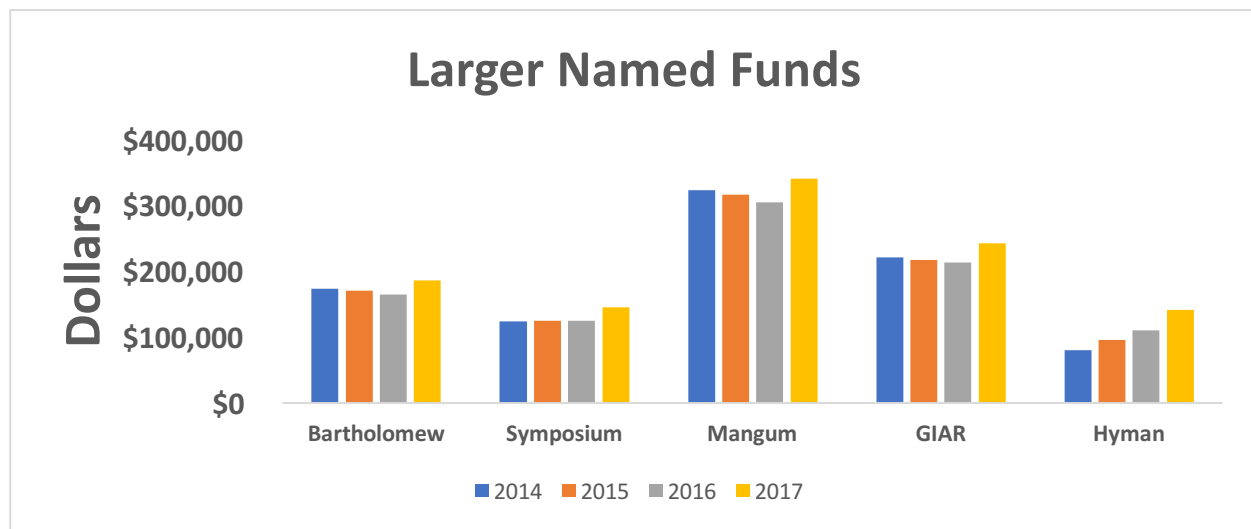


Fig. 1: Named funds over \$100,000

student travel for research. The Hyman Fund has benefitted greatly from repeated donations from Jarid Simons, and from auction funds. Symposium support funds are available but have

not often been used, therefore remained stable for the past three years, posting growth last year as well. In the future these funds should be tapped to help support symposia.

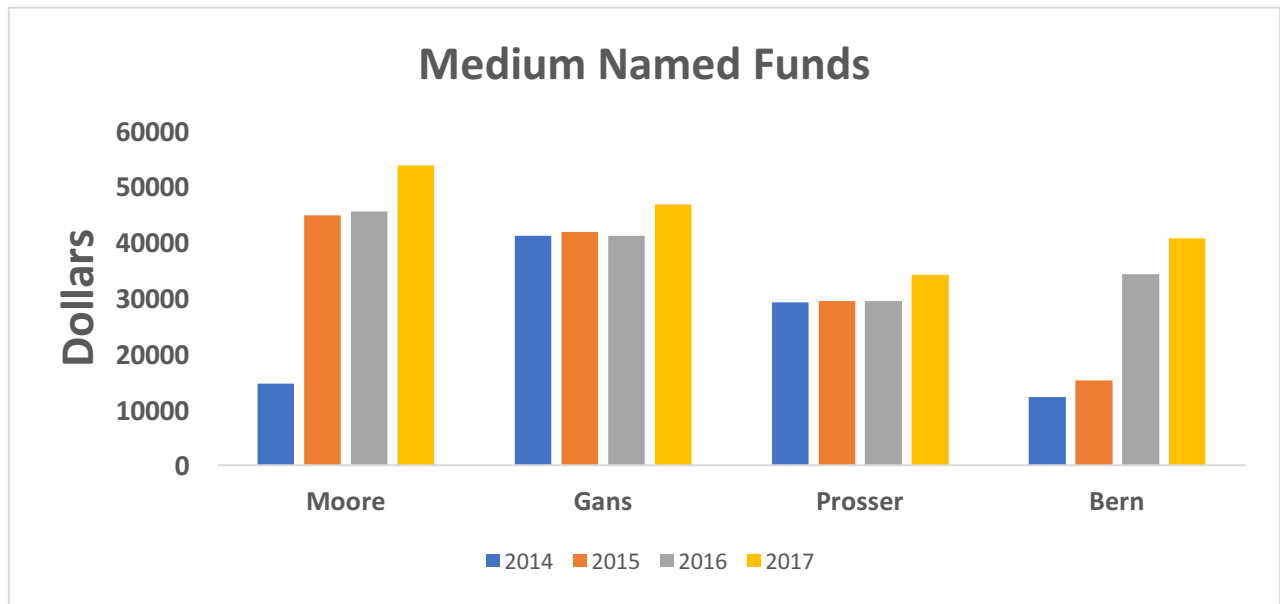


Fig. 2: Named Funds between \$25,000 and \$60,000.

All four of the medium-sized named funds (Fig. 2) are used in different ways at the present time. The Moore fund has been protected from use to allow it to build up after nearly disappearing, so currently the Moore speakers and social are funded through the annual meeting funds. This fund also received a major donation from Jarid Simons. The Gans fund does not make an award every year. The Prosser fund is available to support certain types of symposia, but it has not been used, and therefore it was steady until last year, when it grew. The Bern fund has been protected from use to allow it to grow and has had tremendous support from multiple donations from the Division of Comparative Endocrinology. Starting in 2017 this fund helps support the Bern lecture. The Bern lecture was initially funded on an annual basis by Wiley but now must rely on Society and DCE funds.

It has been my goal as Treasurer to bring all named funds into compliance with the Society’s stated minimum of \$25,000. When I took office, five of the twelve funds were under this benchmark. As you can see (Figs. 2 and 3), thanks to the efforts of many, the Moore, Bern, Davis, and Skinner all have cleared that hurdle by the end of FY 2017. The Wenner fund remains about half that, and the Executive Officers decided that this fund will no longer receive investment income from the endowment as a result. The Wenner fund is used for awards at a relatively low level and should last for many years even without additional funds.

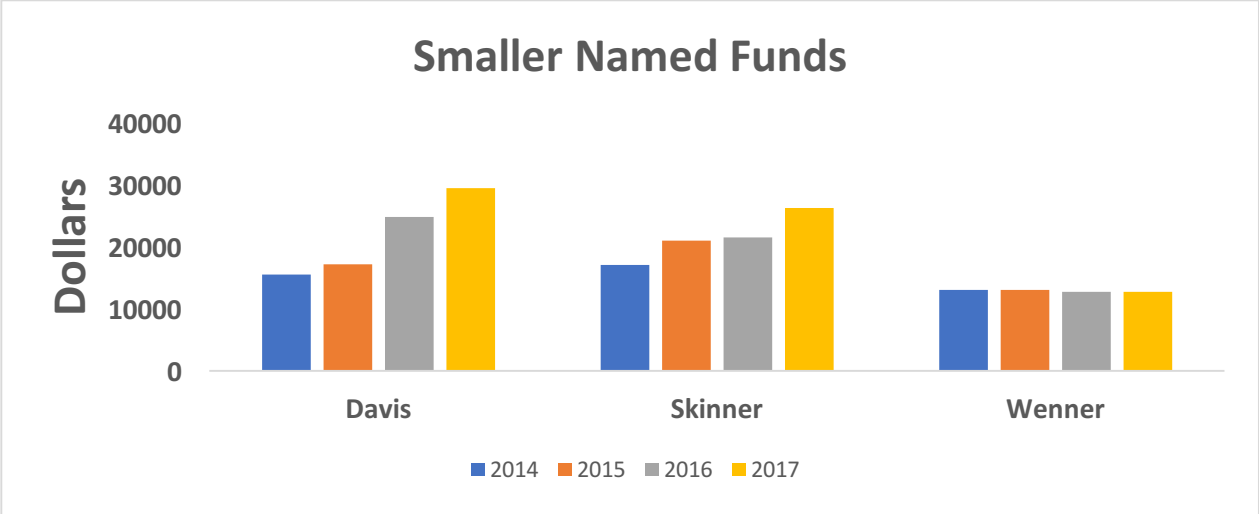


Fig. 3. Named funds under \$30,000.

Donations this past year were down from the previous year but still strong at \$31,106, including another generous donation from Jarid Simons making up about half of that amount.

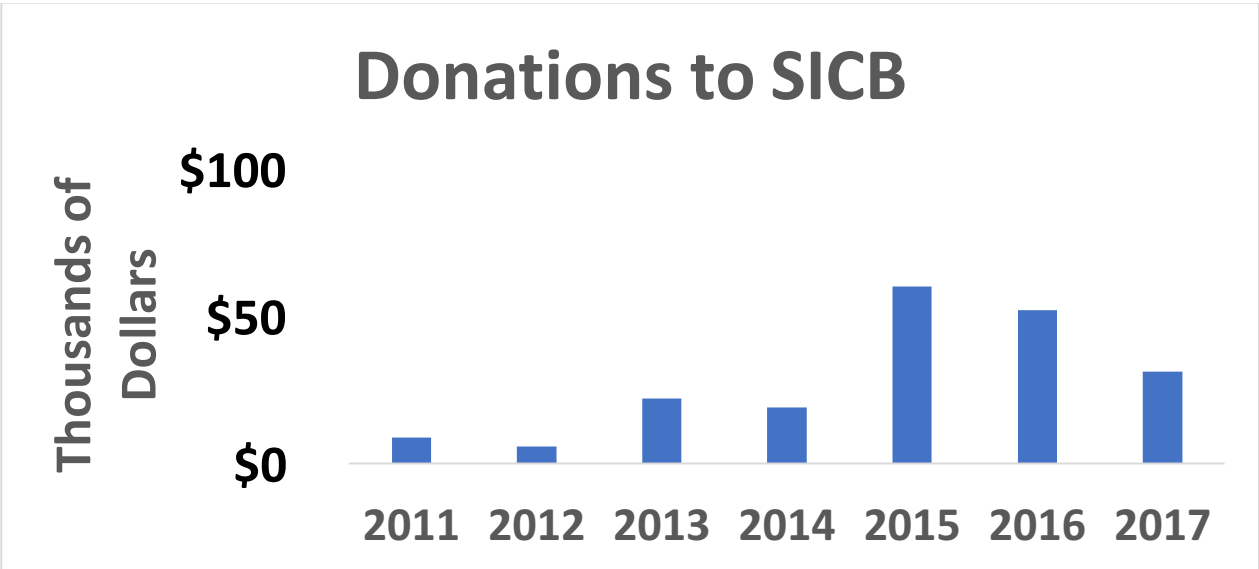


Figure 4: Donations to SICB were aided by campaigns for the Bern, Hyman, and Davis funds.

The journal *Integrative and Comparative Biology* is our main source of revenue. The past three years (Figure 5), expenses were higher than expected because member subscriptions had not been paid correctly in previous years. Going forward the expenses should be more in line with expectations. Expenses include individual subscriptions for SICB members and editorial expenses.

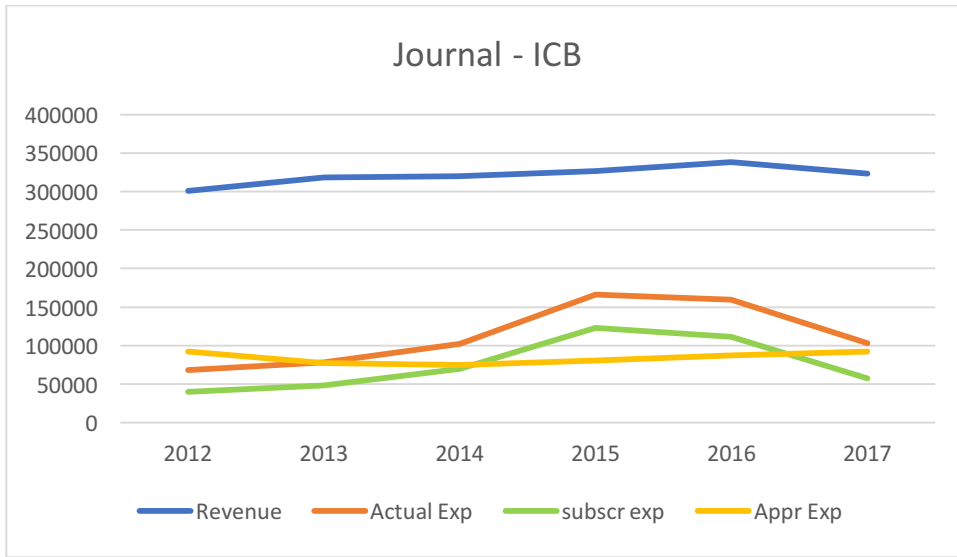


Figure 5: Expenses exceeded expectations for three years.

Management fees for BAI are the society’s largest expense (Figure 6). This figure shows the administrative expenses including the management fees, and the revenue from the membership dues. Note that SICB membership dues do not fully cover the management fees, much less all the administrative expenses, which include expenses for the web manager, accounting, bank and credit cards, strategic planning, and insurance.

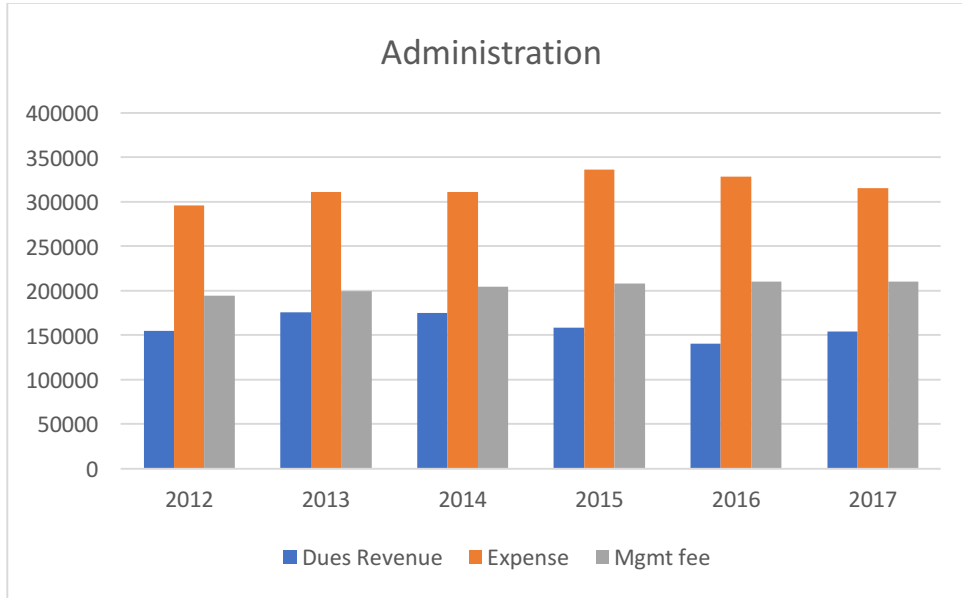


Figure 6: Administrative expenses for management of SICB require a management fee of \$22,000 per month, shown separately but also included in the “Expenses” bars.

The annual meeting is a focus of SICB. Figure 7 is the record of revenues and expenses for the annual meeting over the past six years. The meeting management fee is separate and in addition to the management fee paid to BAI. Food functions including coffee breaks and the

opening and closing receptions are included. However, division socials are not included in this calculation. Student travel is included, however the student research grants, best paper awards, and other recognition are not. In this example, costs and revenues associated with symposia are also not included, although they are substantial.

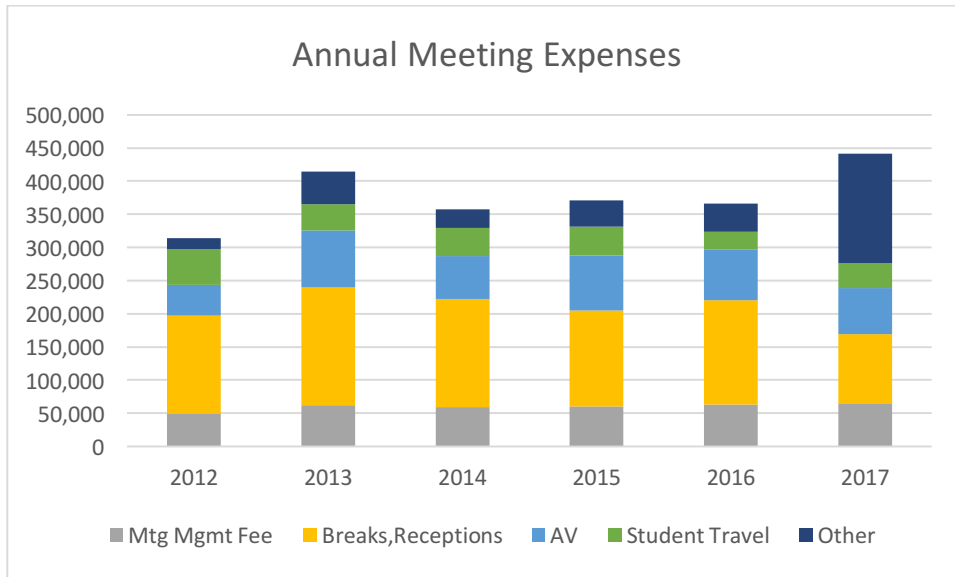


Figure 7, Annual meeting expenses over six years. The category for “other” includes the program officers’ meeting in fall, BAI staff travel, poster boards, security, expenses of setting up the exhibits hall, etc.

Divisions have two separate sources of funds. Division dues are awarded by number of members and also levied by certain Divisions. These accrue over time and can be spent at the discretion of the Division officers. In addition, each Division receives an allocation of \$2000 to support symposia and \$800 for a social at the annual meeting. Note that these funds do not roll over or accrue beyond one year, if not spent. We are working on preparing more informative and timely reports to the Division officers regarding their Division funds to facilitate better planning for their appropriate uses. In the past, balances have been available once a year, and dues and expenses were also reported only once a year. Going forward we are hoping to have quarterly reports to Divisions about these funds. Figure 8 only addresses the Dues portion of division funds.

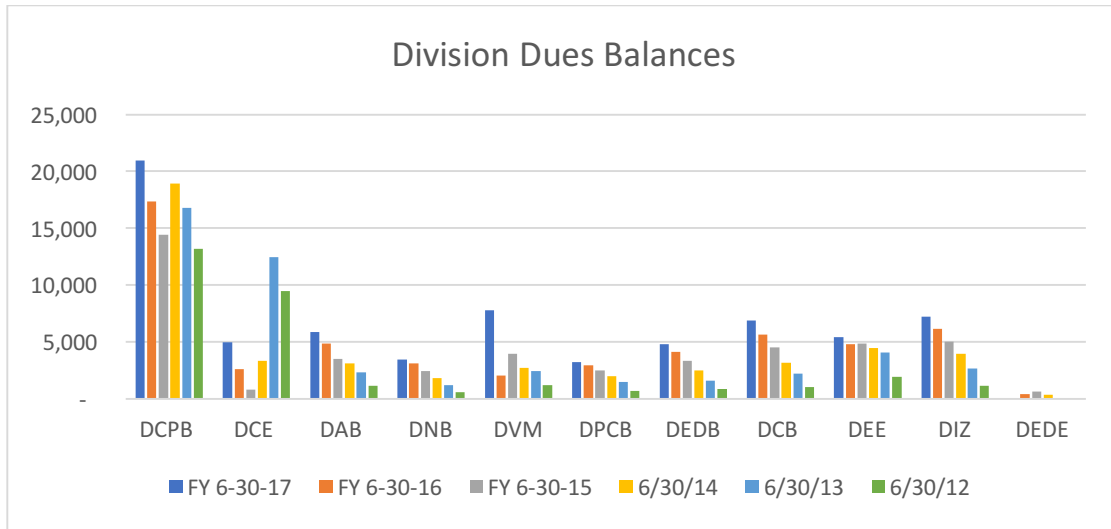


Figure 8, Division dues balances through time. Note that earlier years are to the right.

With better financial reporting, it should be clearer how funds are spent. Over the past six years according to reports, the total balance for all Divisions has steadily increased. However, the expenses may have been under-reported or charted in other lines. See Figure 9.

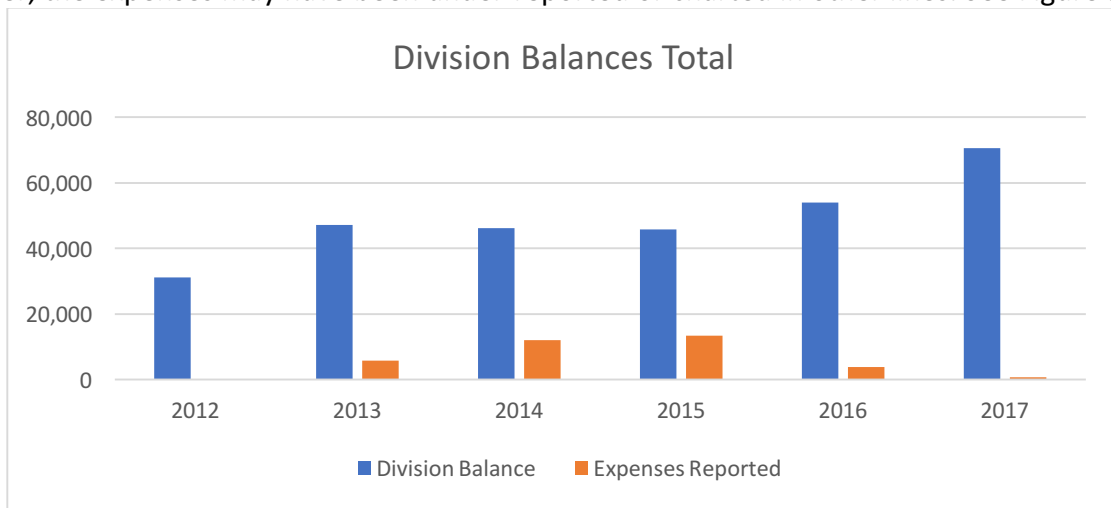


Figure 9, Division dues balances and expenses over time may not show the full story

Finally, it is important to understand how the Society as a whole is faring. Figure 10 shows the total assets of the society, and breaks down the proportions of investments and named funds. The difference between the total assets and the named funds is the amount available for general use. As can be seen, over the past few years the total assets have remained relatively constant, but more of our assets are in the named funds today than in the past.

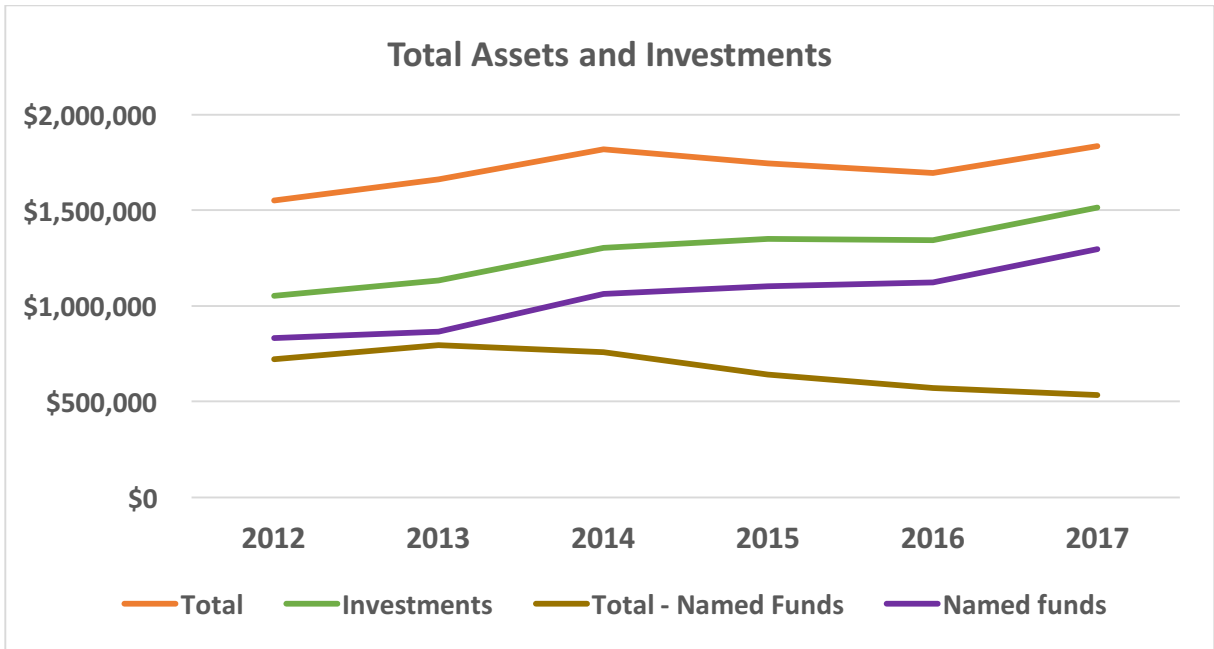


Figure 10, total assets continue to be strong.

To consider separately how the assets have performed over the past few years, Figure 11 shows the annual difference between revenue and expense for the operations and the invested funds. As can be seen, the total assets increased in FY 2017 but operations lost money.

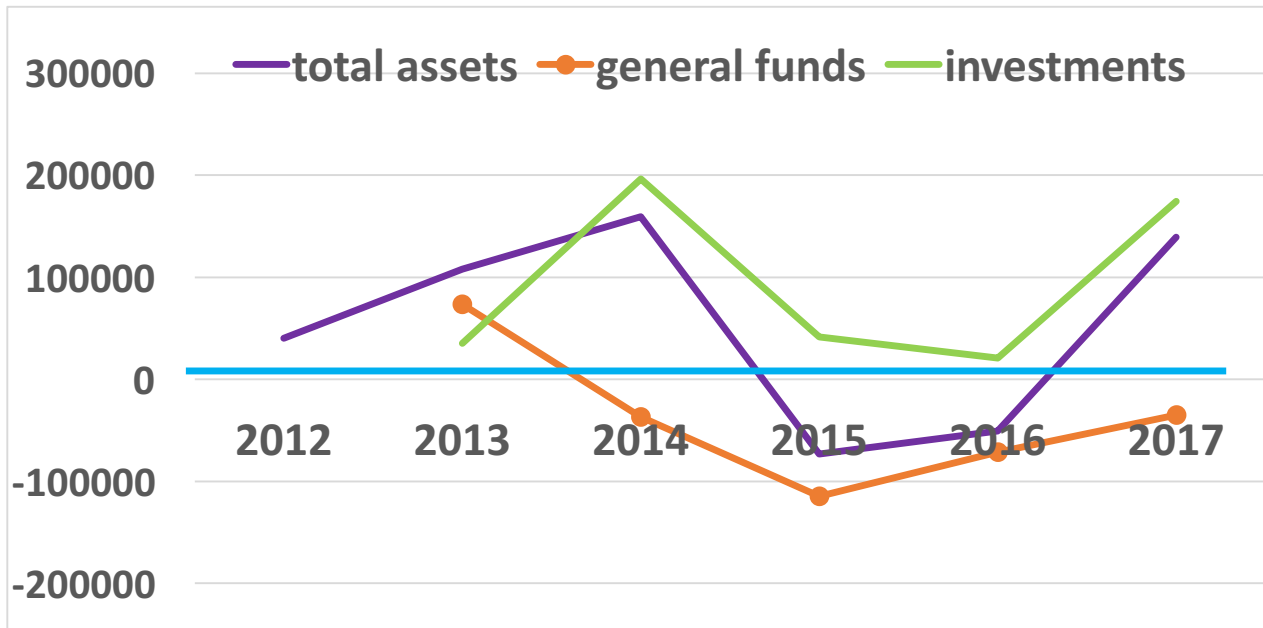


Figure11. Gains or losses for operations and investments (including donations and returns) on an annual basis. The break-even aqua line is at 0. Total assets increased last year due to a strong return on investments but operations have been in the red for the past four years.

I am happy to answer any questions you may have. My goal is to increase transparency in reporting and understanding the revenues and expenses of the Society. Thank you for your support and good service.

Respectfully submitted.

Karen Martin, Treasurer 2013-2019

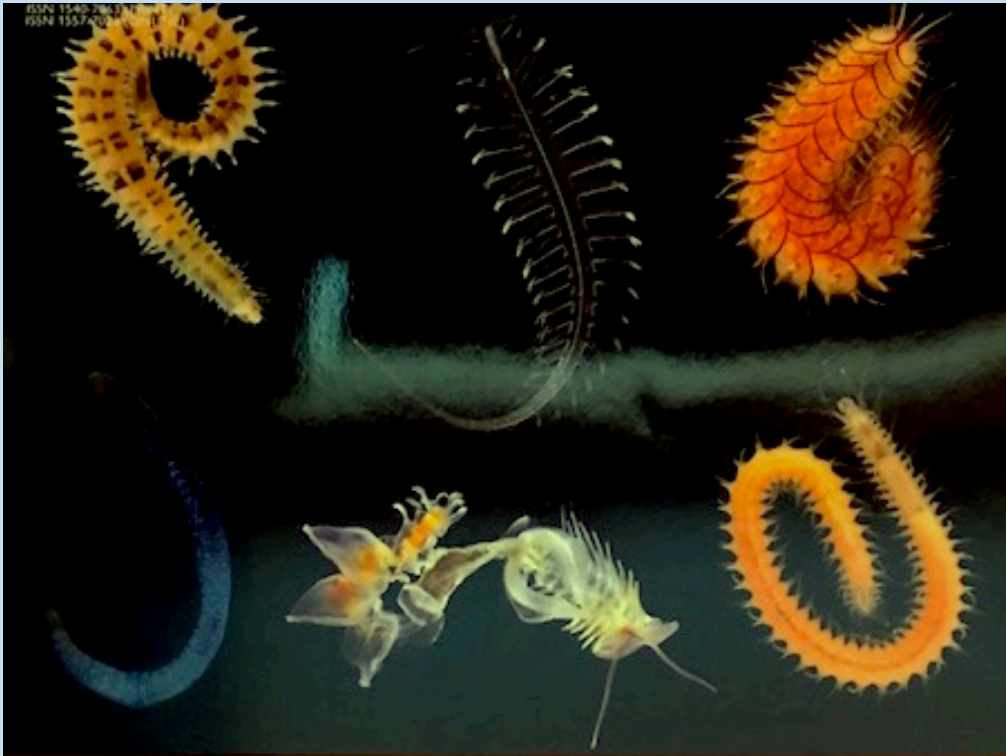
A3 President Elect Report 2018

One of the few formal jobs of the President Elect is to assist the President in making committee appointments. We have 12 Standing Committees with 126 members, many of whom are appointed by the President. With elected officers, nearly 160 members serve SICB each year. We solicited recommendations from the Executive Committee and have almost finished the appointments for this year.

Looking toward 2018 for committee members to start in 2019, I'll need help from two Division Chairs. From the DNNSB Chair I'll need a recommendation for a SPDAC member and from the DPCB I'll need a recommendation for the ICB Editorial Board.

Another project I have been working on as President Elect is creating a new SICB Division—the Division of Integrative Plant Biology. We hope to launch the new DIPB at the Tampa meeting in 2019, with an Integrative Plant Biology symposium, a student prize session, a thematic session and contributed paper sessions. We are assembling an **email list of plant biologists** to contact about the DIPB, so **please send suggested names and email addresses to president.elect@sicb.org**.


Respectively Submitted,
Elizabeth Brainerd
President-Elect, 2017-2019



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Integrative
& Comparative Biology

Volume 57 Number 1 July 2017
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The Journal Of Integrative and Comparative Biology

2017 report
San Francisco

Number of Papers in SICB Symposia 2017

Symposia	Papers Presented at meeting	Papers Published (* including intro)
S1	11	11*
S2	11	11*
S3	10	10*
S4	12	11*
S5	11	11*
S6	11	12*
S7	11	10*
S8	11	11*
S9	12	10*
S10	12	7*
S11	11	8*
TOTAL	123	112

Reasons for short-fall:

s10 and s11: 4 authors said they would submit, then didn't.

s10: ALSO, speakers decided without permission to join efforts and published one paper, which was intro.

Number of papers published

2016 = 120 (including invited group)

3 rejected

(2 resubmitted not accepted)

Number of papers published

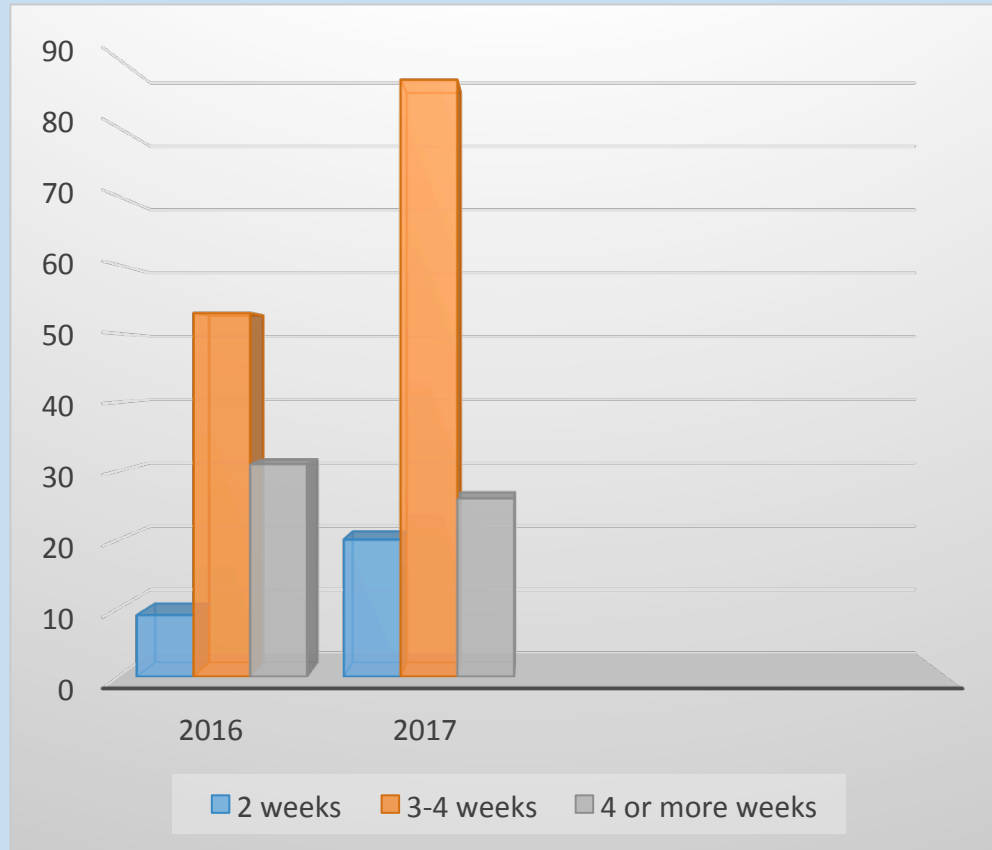
2017 = 117 (including invited papers)

5 rejected

(4 resubmitted and accepted)

Average length of time a paper was in review 2016/2017

*including time to identify referees

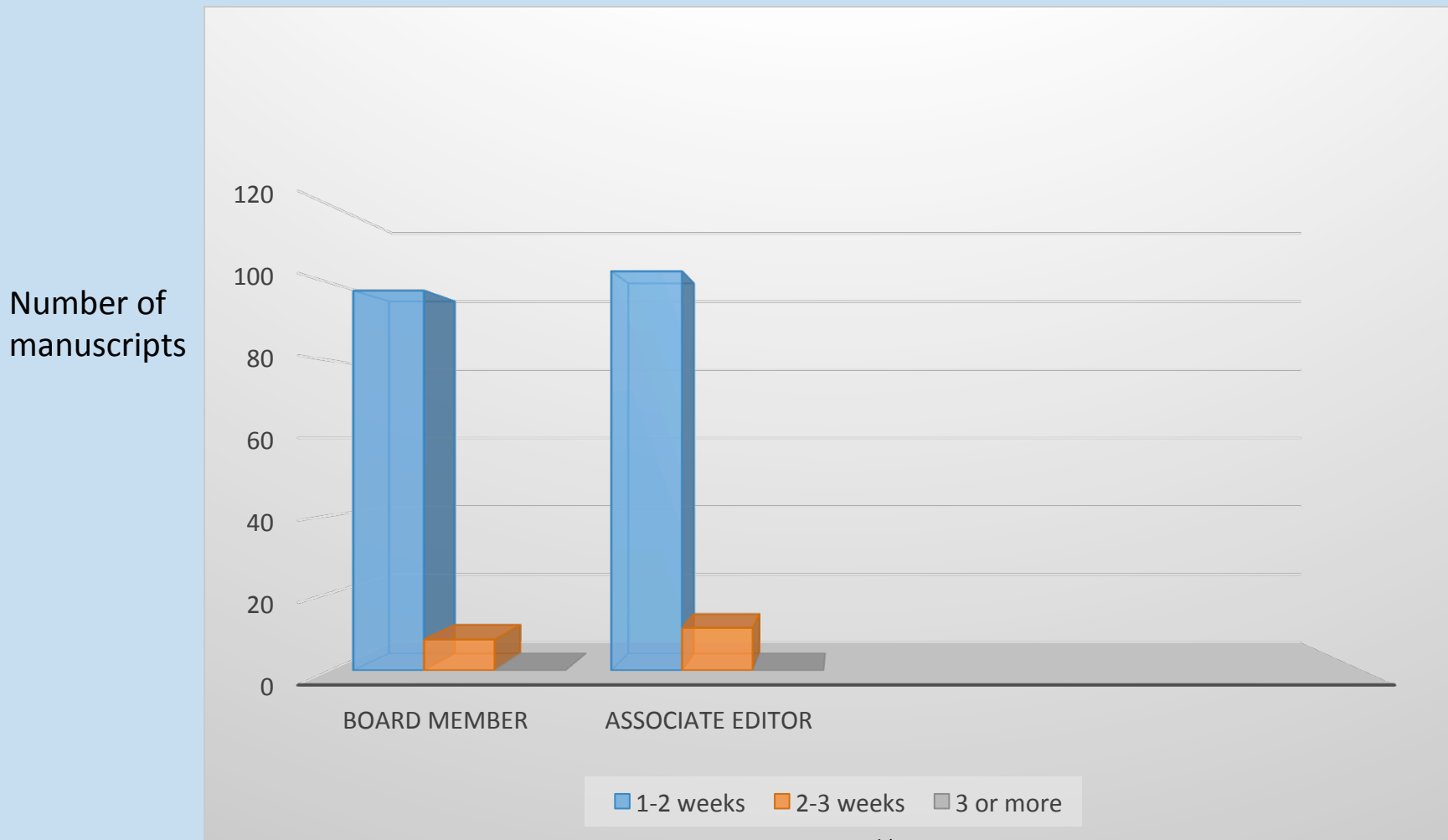


Why did it take longer this year?

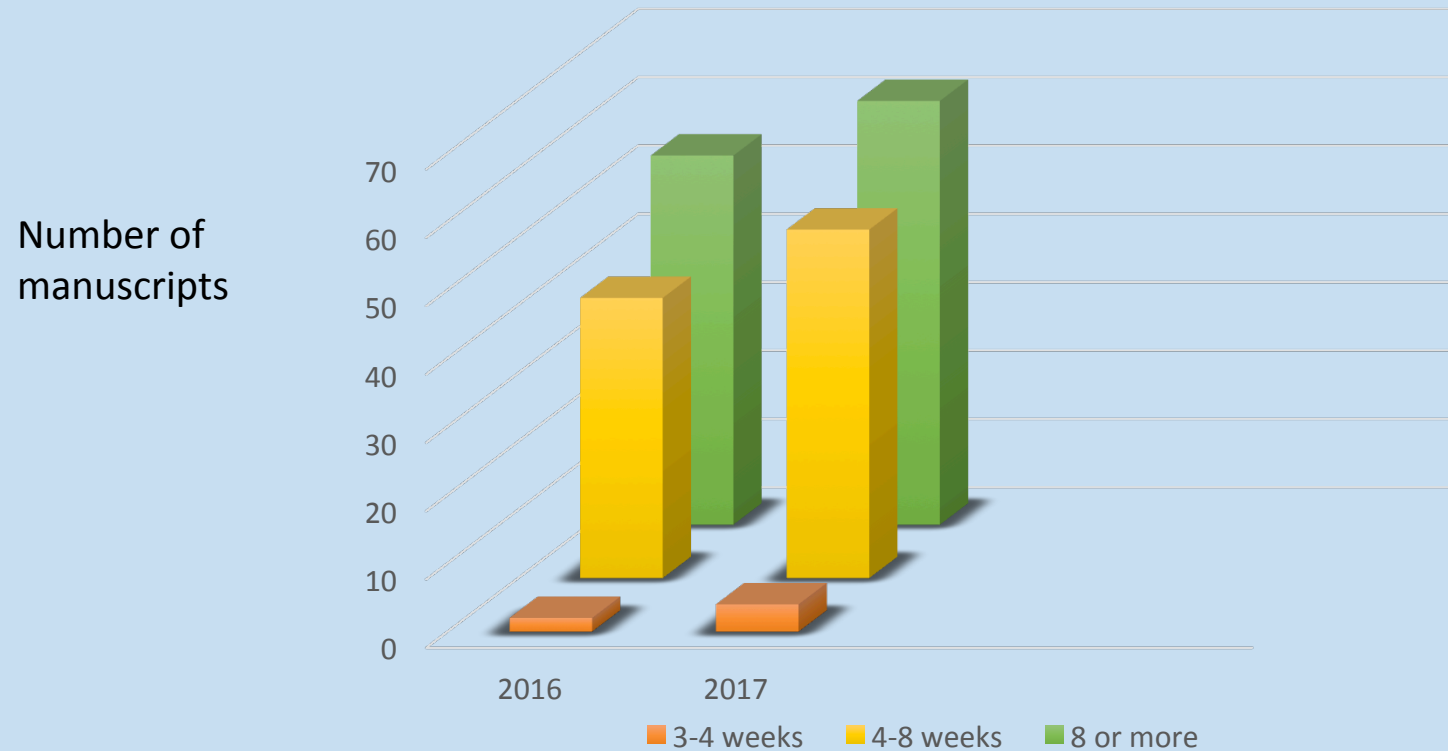
1. Different way of collecting data this year than last
 1. this year, data include time it took for assistant editors to identify referees
 2. also, many referees requested extra time for reviews

INITIAL DECISION :

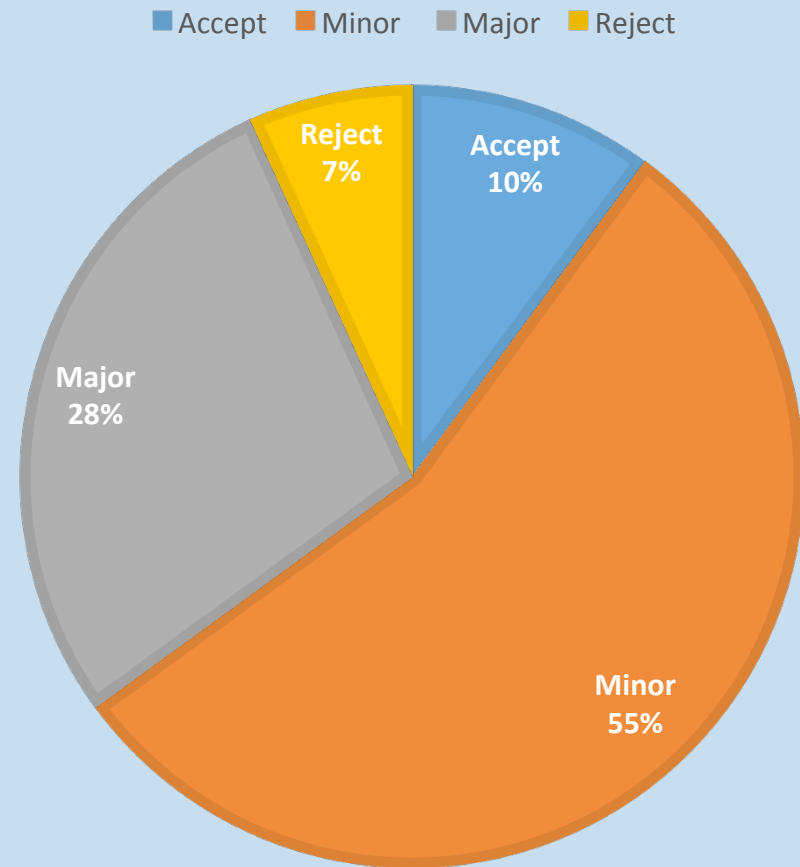
Average time the paper spent with :



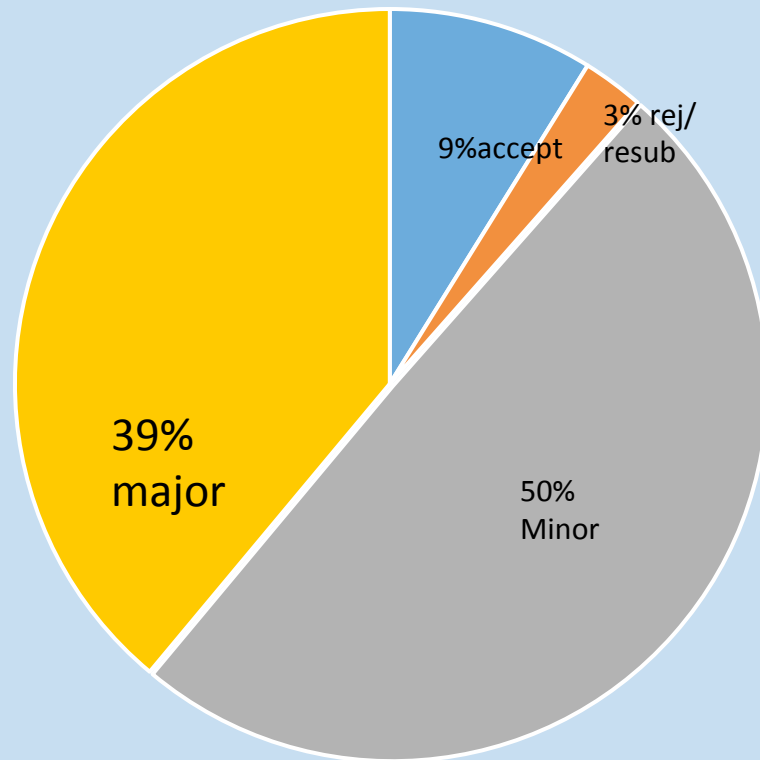
Average time between initial submission and when manuscripts went to press



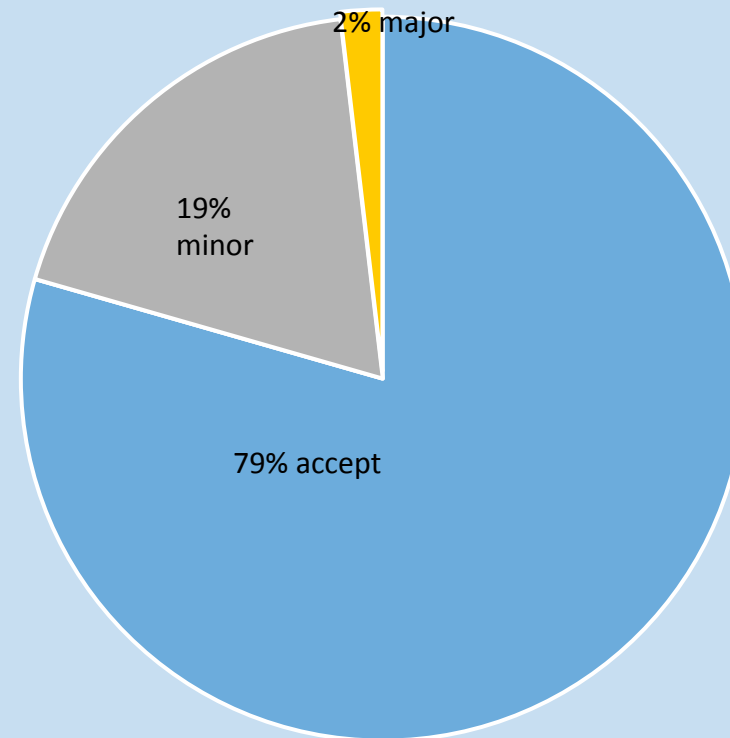
Reviewer's initial decisions 2017



Board Member's (Assistant Editor's) initial recommendation / final recommendation (after revision)

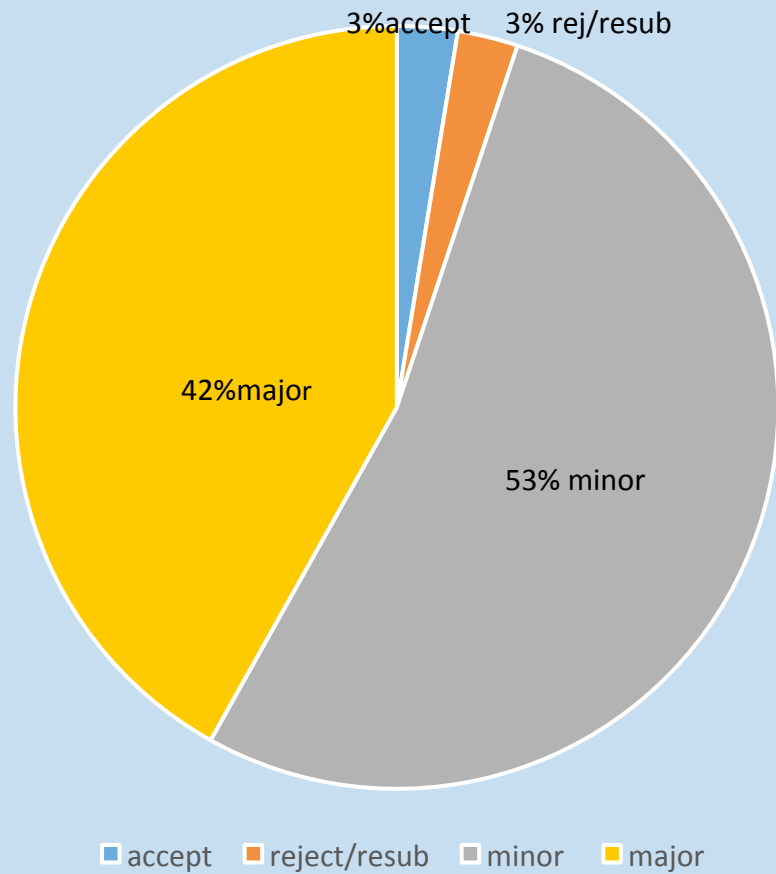


■ accept ■ reject/resub ■ minor ■ major

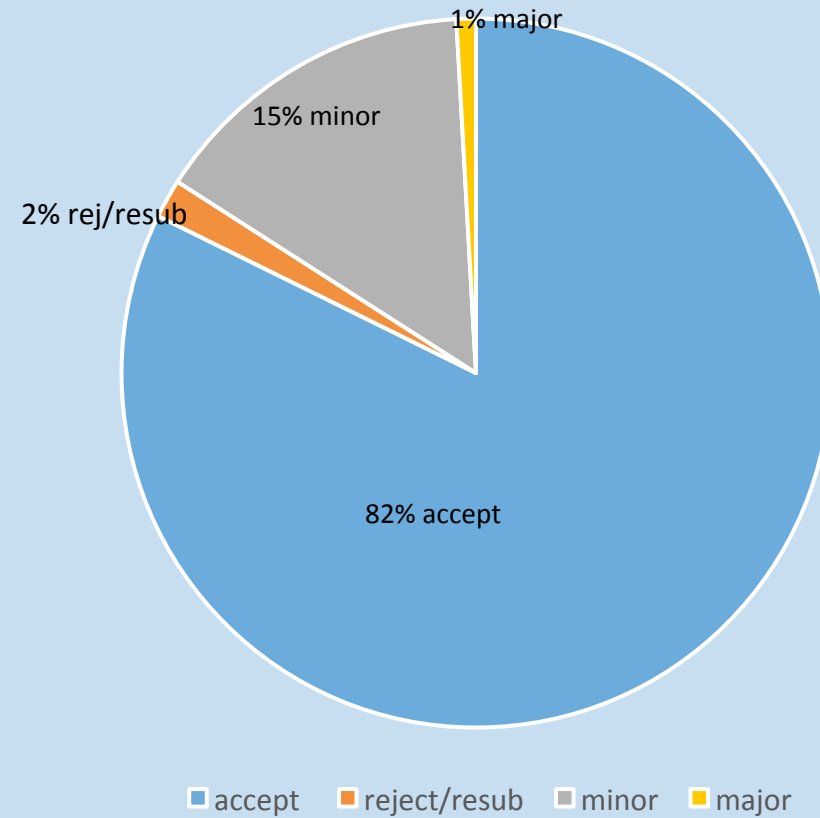


■ accept ■ reject/resub ■ minor ■ major

Associate Editor's initial decision



final decision (after revision)



2017 symposia

SYMPOSIUM	PAPERS PLEGGED/ PAPERS SUBMITTED *With intros	SUBMITTED ON TIME (January 31st)	SUBMITTED LATE (between 2-1 and 3-31)	REVISED ON TIME	REVISED LATE
S-1	11/ 11	2	9	11	0
S-2	12/11	2	9	8	3
S-3	11/10	1	9	6	4
S-4	13/11	2	9	9	2
S-5	13/12	2	10	11	1
S-6	13/12	0	12	9	3
S-7	12/10	0	10	10	0
S-8	12/10	2	8	9	1
S-9	13/11	2	9	10	1
S-10	12/7	0	7	6	1
S-11	13/10	1	9	8	2
			46		

Symposia for 2017

S1 [Indirect Effects of Global Change: from Physiological and Behavioral Mechanisms to Ecological Consequences \(SICB wide\)](#)

Organizers: Alex Gunderson, Jonathon Stillman & Brian Tsukimura; Sponsors: DAB, DCPB, DEE, DIZ, DNB, & TCS

S2 [The Ecology of Exercise: Mechanisms Underlying Individual Variation in Movement Behavior, Activity or Performance](#)

Organizers: Tony Williams, Shaun Killen, & Ryan Calsbeek; Sponsors: DAB, DCB, DCPB, DEE, & DVM

S3 [Molecular and Neuroendocrine Approaches to the Study of Evolutionary Tradeoffs: Food, Sex, Stress, and Longevity](#)

Organizer: Jill Schneider; Sponsors: DAB, DCE, & DNB

S4 [Evolutionary Impacts of Seasonality](#)

Organizers: Caroline Williams & Gregory Ragland; Sponsors: DCE, DCPB, & DIZ

S5 [With a Little Help from My Friends: Microbial Partners in Integrative and Comparative Biology \(SICB wide\)](#)

Organizers: Kevin Kohl & Denise Dearing; Sponsors: DCE, DCPB, DEDE, DEE, DIZ, DNB, & AMS

S6 [Integrating Cognitive, Motivational and Sensory Biases Underlying Acoustic and Multimodal Mate Choice](#)

Organizers: Kathleen Lynch & Scott MacDougall-Shackleton; Sponsors: DAB, DCE & DNB

S7 [The Evolution of Arthropod Body Plans – Integrating Phylogeny, Fossils and Development](#)

Organizers: Ariel Chipman & Doug Erwin; Sponsors: DEDB, DIZ, DPCB, AMS & TCS

S8 [Integrative Life-History of Whole-Organism Performance \(SICB wide\)](#)

Organizers: Simon Lailvaux & Jerry Husak; Sponsors: DAB, DCB, DCE, DEDE, DEE, DNB & DVM

S9 [The Development and Mechanisms Underlying Inter-individual Variation in Pro-social Behavior](#)

Organizers: Ben Dantzer & Dustin Rubenstein; Sponsors: DAB, DCE, DEE & DNB

S10 [Physical and Genetic Mechanisms for Evolutionary Novelty](#)

Organizers: Thomas Stewart, Stuart Newman & Günther Wagner; Sponsors: DCB, DEDB & DPCB

S11 [Low Spatial Resolution Vision - Function and Evolution](#)

Organizer: Anders Garm; Sponsors: DIZ, DNB, AMS & TCS

Incoming 2018 workload

Projected number of submissions: 118 plus
10-12 invited papers

5 Exemptions requested

1 Exemption granted

March 31 deadline for submissions again this year.

Papers allocated among Board Members and AE's already

2018 symposia

S1 Patterns in Cambrian Skeletal Biomineralization organized by Erik Sperling, and Kevin Scott

S2 Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance organized by David Williams and Natalie Holt

S3 Evolution in the Dark: Unifying Understanding of Eye Loss organized by Megan Porter and Lauren Sumner- Rooney

S4 Science Through Narrative: Engaging Broad Audiences organized by Sara Elshafie, Stuart Sumida, and Bram Lutton

S5 Sensory Feedback and Animal Locomotion: Perspectives from Biology Biorobotics organized by Brett Aiello, Jessica Fox, and Gary Gillis

S6 Understanding the Evolution of Endocrine System Variation through Large-scale Comparative Analyses organized by Maren Vitousek,
John Wingfield and Michelle Johnson

S7 Science in the Public Eye: Leveraging Partnerships organized by Martha Merson, Nick Hristov and Louise Allen

S8 Integrative Biology of Sensory Hair Cells organized by Duanne McPherson and Billie Swalla

S9 Inside the Black Box: The Mitochondrial Basis of Life-History Variation and Animal Performance organized by Karine Salin and
Wendy Hood

S10 Behavioral and Physiological Adaptation to Urban Environments organized by Jenny Ouyang and David Dominoni

S11 Measuring Biodiversity and Extinction : Present and Past organized by Julia Sigwart

Educational Council Report for the Executive Committee December 20, 2017

Education Council:

1. **Bram Lutton, Chair** (Endicott College, *appt: 2015-2021*)
2. **Lisa Whitenack** (Alleghany College, *appt: 2015-2018*)
3. **Harry Itagaki** (Kenyon College, *appt: 2016-2019*)
4. **Jason Davis** (Radford University, *appt: 2016-2019*)
5. **Sarah Humfeld** (University of Missouri, *appt: 2017-2020*)
6. **Alicia Fox** (Hancock College, *appt: 2017-2020*)

For the 2018 meeting the Educational Council has established the theme of *Science Communication*. The events we are creating, or partnering with others to offer toward communicating science, include the society-wide symposium, *Science through narrative: engaging broad audiences* (<http://sicb.org/meetings/2018/symposia/narrative.php>), a second symposium, *Science in the public eye: leveraging partnerships* (<http://sicb.org/meetings/2018/symposia/publiceye.php>), the M. Patricia Morse Award for Excellence and Innovation in Science Education to Dr. Bill Hoese, the John A. Moore Lecture by Dr. Katayoun Chamany (<http://sicb.org/meetings/2018/schedule/abstractdetails.php?id=1988>), and the Teaching and Learning Workshop, (<http://sicb.org/meetings/2018/talx.php>), organized by Larry McPhee.

On the agenda for the Educational Council's annual meeting will again be to discuss aims for improving the Research and Education Resources Database (formerly the Digital Library). The Chair of the Education Council has attended division meetings with members of the Executive Committee during the past two conferences to explain to division officers/members how they can help to disseminate the objectives of the database, including the benefits of including both teaching and research information on the website. We have made minor steps to modify the existing database with the assistance of Ruedi Birenheide and small amounts of content some members have offered, and we have begun to organize anew by teaching/research areas and subareas.

The Educational council has made a request for Honorary membership for the Moore Lecturer, Dr. Katayoun Chamany.

The Educational council has decided that due to cost and lack of interest we will no longer offer the undergraduate poster display at registration during the first day of the conference.

The John A. Moore Lectureship

The Moore lectureship was established in 1990 by the SICB Education Council. The aim of this lecture series is to invite a nationally-recognized speaker who does not generally attend the SICB annual meeting to offer the society a new perspective on science education. While Professor Moore's work in the fields of embryology and genetics led to his election to the National Academy of Sciences, he is also well known as an educator and, in particular, for the creation of

the *Science as a Way of Knowing (SAAWOK)* series. This series consisted of a set of essays and a book (*Science as a Way of Knowing: The Foundations of Modern Biology*) by John Moore that resulted from multi-day symposia by leading biologists held at the annual SICB (previously the American Society of Zoologists, ASZ) meetings from 1983-1994. The goals of *SAAWOK* for improving biology education remain at the forefront of science education today: to evolve entry level courses that emphasize concepts with materials consistent with the changing needs of students and society, to relate how scientific procedures lead to a better understanding of the natural world and to the solutions of important human problems, and to present biology as a relevant humanistic discipline. For more information on the *SAAWOK* series, please read the article describing their rich history by past SICB President, Trish Morse (<http://sicb.org/newsletters/nl04-2009/SICBNewsletter2009-04.pdf>).

The Moore Lecture is scheduled on the final day of the annual conference and is an hour-long presentation. Applications should include the following materials in support of nominees, which will be evaluated each year by the SICB Education Council to select the Moore Lecturer: the nominee's current curriculum vitae, a one-page description of the nominee's contributions to science education, and any additional supporting materials related to the nominee's achievements in science education, along with up to three recommendation letters. Nominators are expected to submit at least one of the recommendation letters. The file of nominated candidates will be kept for consideration for a total of three years, with the nominated candidate asked each year if they would like to update any aspect of the file before consideration for that year's award. The Chair of the Educational Council may authorize funds to help support the winner's attendance at that year's meeting. Please send nomination materials for this lectureship to the Chair of the Educational Council (Chair.EdCouncil@sicb.org). The deadline for nominations is August 24th.

The M. Patricia Morse Award for Excellence and Innovation in Science Education

An annual award given to a SICB member at any career stage for significant achievement in science education. This award honors Trish Morse, a past President of SICB, for her extraordinary achievements and contributions to the society's mission of education. The SICB Education Council will accept and evaluate nominations for this award. Nominators should submit the following materials in support of their nominee: the nominee's current curriculum vitae, a one-page description of the nominee's contributions to science education, and any additional supporting materials related to the nominee's achievements in science education, along with three recommendation letters. Nominators are expected to submit at least one of the recommendation letters. Awardees are expected to write a brief (1500-2000 words) "Experiences in Science Education" article for the spring SICB newsletter following the annual conference, describing their personal achievements or another aspect of science education. Each year's winner will be recognized in the preceding SICB fall newsletter and prior to the introduction of the Moore Lecturer at the annual conference. The file of nominated candidates will be kept for consideration for a total of three years, with the nominated candidate asked each year if they would like to update any aspect of the file before consideration for that year's award. The Chair of the Educational Council may authorize funds to help support the winner's attendance at that year's meeting. Please send nominations for this award to the Chair of the Educational Council (Chair.EdCouncil@sicb.org). The deadline for nominations is August 24th.

SICB Teaching and Learning Workshops

Established in 2013, the goal of the *Teaching and Learning X Workshops* (where *TALX* is pronounced “*talks*”) is to take advantage of the broad teaching expertise within SICB by giving members a forum to share their most innovative ideas for teaching in their respective disciplines. The SICB Educational Council established *TALX* as a moniker for these popular teaching and learning workshops because it emphasizes the multi-disciplinary nature of the Society, in the sense that “X” is replaced with a different field or topic each year. Past workshops have included topics such as the implementation of Science Education Reform in Introductory Biology Courses, Evolution, Quantitative Biology, and K-12 Outreach. These roundtable-style workshops are designed to address the needs of SICB members with respect to the following: *understanding* innovative pedagogies that have been developed for science classrooms and laboratories, *implementing* new methods in the classroom, and *engaging* academic administrators so that they understand and support utilization of novel approaches to teaching. As part of the coordination of the workshop, applications should include the following specific information, along with any additional logistical considerations they foresee: space/location, timing, invited participants, refreshments, and an itemized budget. Past *TALX* workshops have generally been two hours in length, in the evening or during lunch, and they generally include refreshments; however, this is an informal and flexible opportunity and *all* ideas are welcome! The Chair of the Educational Council may authorize funds to help in support of the *TALX* workshop at each year's meeting. Please send application materials to Chair.EdCouncil@sicb.org. The deadline for applications is June 1st.

Membership Committee Report, December 2017

Chair	Sarah Berke (01/2015-01/2018)
Member	Amy Moran (01/2016-01/2019)
Member	Stephen Kinsey (01/2017-01/2020)
Ex Officio-Secretary	Kathy Dickson

The primary role of the Membership Committee is to consider matters related to the recruitment of new members and the procedures and policies of membership in the Society. The Membership Committee is also responsible for reviewing the credentials of nominees for honorary memberships and to make recommendations on their approval to the Executive Committee.

Summary

The Membership Committee was very active in 2017. First, in reviewing SICB membership trends over the past 15 years, we became concerned about declines in non-student membership (Figure 1). To understand possible reasons for this decline, the Committee conducted a survey of lapsed members in order to better understand their reasons for leaving SICB. Results from the survey are detailed below. In 2017, the Membership Committee also reviewed the membership database to remove names of deceased members (details below). We also appointed a new member to the committee, Marianne Porter, to begin in 2018. Finally, we approved the nominations of Dr. Katayoun Chamany and Carl Zimmer for Honorary Membership in SICB.

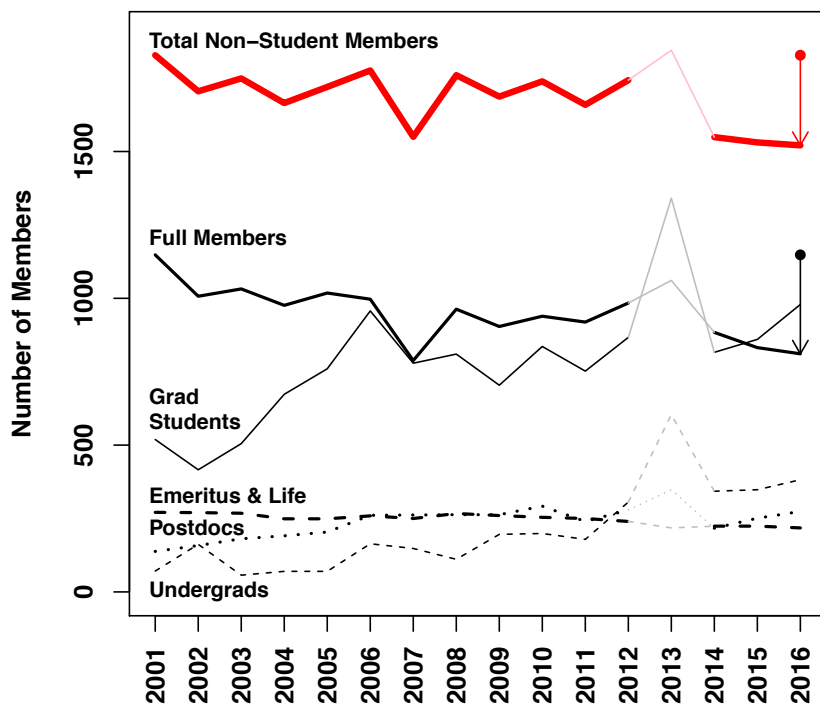


Fig. 1: SICB membership trends by category. Between 2001 and 2016, total membership in SICB grew by over 500 people (not shown). However, this growth is primarily driven by student membership categories. Full members, and all non-student-members combined, are declining. Arrows indicate the decline from the maximum over this period (excluding 2013) to 2016 levels, for all non-student members and for Full members. Data for 2013 are shown in lighter color and excluded from analysis because the membership year changed in 2013, causing some members to be double-counted in that year.

Lapsed Member Survey

The Lapsed Member Survey was sent to former SICB members in any membership category who have missed at least two consecutive meetings. The survey questions and a summary of all responses are appended to this report; complete survey results are available at <https://www.surveymonkey.com/results/SM-N637YXW88/>. To encourage participation, participants were able (if they chose) to enter a drawing for a \$50 Amazon gift certificate. The survey was sent on July 25th 2017, and closed on Aug 25th 2017. It went to 575 people, of whom 181 opened it and 45 completed it.

Of the respondents, about 30% were former Student-in-Training members, 30% were Graduate Student members, and 30% were Full Members. Approximately 20% are now between career stages, either between undergrad and grad school or between a masters and PhD. About 30% are currently tenure-track faculty, while 13% are now in non-tenure track academic jobs and 13% are no longer in science. Clearly, we lose members at key transitions in the career pipeline. This is probably inevitable, to some extent, because the academic pipeline is a leaky one. Continued efforts to reach out to student and postdoctoral members as they progress to their careers may help maximize retention.

Most respondents plan to return to SICB at some point in the future, with 30% planning to resume regular attendance and 45% planning for sporadic future attendance. This almost certainly reflects self-selection bias: people who chose to complete the survey still feel a connection to SICB.

Overwhelmingly, the most common reason for letting membership lapse was missing a SICB meeting. Members see meeting attendance and membership as going hand-in-hand, and evidently see little incentive to carry a membership in years when not attending the meeting. The Committee noted that the “loyal member” registration rate is not a strong incentive to maintain membership in off years. Membership is \$105, but the Loyal Member discount is half that amount, only \$55 off the regular member registration.

Several survey respondents noted that they cannot attend meetings every year due to family responsibilities, and in some cases spouses alternate who gets to attend SICB. Discounted membership for 3-year or 5-year terms might appeal to loyal SICB members who attend regularly but not every year. The Executive Committee might wish to discuss such multi-year membership packages.

Many respondents indicated that the overall cost of SICB is a deterrent. However, 75% of these also indicated plans to return to SICB in the future. Overall, it appears that cost weighs heavily in deciding whether to attend, but it is not the single thing that forces people away. The Committee feels that current costs of registration are reasonable in comparison to other societies. We are aware that SICB works hard to choose venues with reasonable airfare and hotel costs; these efforts are clearly worthwhile and should be continued.

In discussing the survey results, the Membership Committee honed in on the following considerations:

- SICB should consider what benefits come with membership, outside of meeting attendance. Benefits relating to the journal might not be salient, because many

people get journal access through their institutions. Members might not be aware of all the benefits that come with membership, such as the discount at Oxford University Press. Expanding such benefits, and advertising them more effectively, might help retain members in off years.

- Membership fees help SICB to support more students. Most members care passionately about students and the student support program. Emphasizing this in our membership reminder emails might encourage people to maintain their membership in off years, or at least to make charitable contributions to SICB.
- The academic landscape is changing. Tenure-track jobs are giving way to contingent and adjunct positions; most colleges and universities have fewer tenure-track biologists today than they did 15 years ago. The population from which SICB draws full members is therefore shrinking, and this trend is likely to continue. Contingent faculty are unlikely to have grants that support travel to meetings, and their scholarship likely leans towards pedagogy. Furthermore, contingent faculty may only be able to secure institutional support for attending meetings that offer explicit opportunities for professional development. Several survey respondents indicated a desire for more pedagogy-related content at meetings. SICB has steadily increased its focus on education in recent years, and continuing these efforts might help us attract the growing body of non-tenure-track faculty. More oral presentation sessions and/or workshops on pedagogy could help us grow with this sector. Advertising that explicitly targets this audience might help bring more people into the fold, especially if we target current contingent faculty who were student members in the past 15 years.

Identifying Deceased Members

There is currently no formal mechanism to remove names from our rolls when a SICB member passes away. Lifetime or Emeritus members who pass on can remain in our database indefinitely. In 2017, we compiled a list of all members who had missed the previous two meetings and belonged to one of the following membership categories: Lifetime members, Emeritus members who became emeritus prior to 1999, and honorary members. This yielded 182 records. We then conducted internet searches for death notices and obituaries for each of these names. We were able to confirm that 76 of these members are deceased and 90 are still active. I would like to thank the members of the committee and Lou Burnett for the many hours they dedicated to this very time-consuming task.

We recommend that annual review of the Emeritus, Lifetime, and Honorary member rolls become part of the Membership Committee's charge. Annual review would make this task much smaller and more manageable. We also encourage the executive committee to discuss establishing a mechanism for reporting the death of a SICB member. For example, some societies have an *In Memoriam* section of the newsletter that publishes obituaries or death notices each year. This might encourage members who know of a colleague's passing to tell us about it.



SICB Lapsed Member Survey

QUESTION SUMMARIES DATA TRENDS INDIVIDUAL RESPONSES

All Pages ▼

Q1

To be eligible for the drawing for the \$50 Amazon gift certificate, please enter your name and email address below. Otherwise, you can leave Question 1 blank.

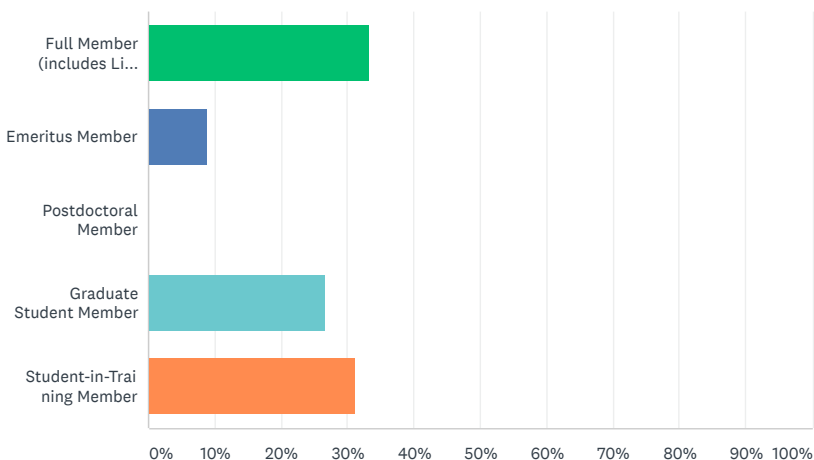
Answered: 40 Skipped: 5

ANSWER CHOICES	RESPONSES
Name:	Responses 100.00% 40
Email address:	Responses 100.00% 40

Q2

Please indicate your most recent SICB member status.

Answered: 45 Skipped: 0



ANSWER CHOICES	RESPONSES
Full Member (includes Life Member)	33.33% 15
Emeritus Member	8.89% 4
Postdoctoral Member	0.00% 0
Graduate Student Member	26.67% 12
Student-in-Training Member	31.11% 14
TOTAL	45

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<https://www.surveymonkey.com/re:>

COPY

Share

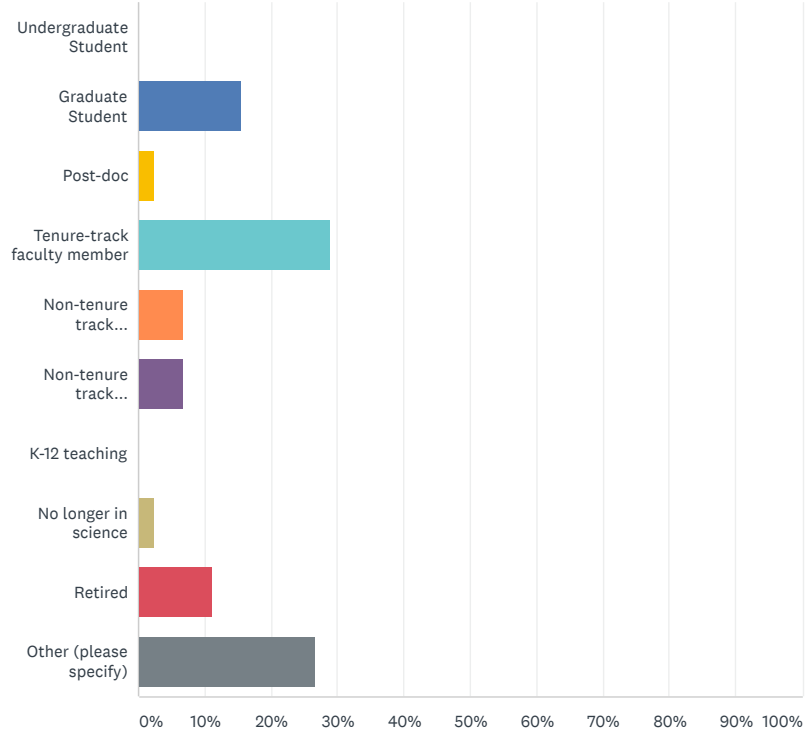
Tweet

+ Share

Share

45 responses

Answered: 45 Skipped: 0



ANSWER CHOICES	RESPONSES	
Undergraduate Student	0.00%	0
Graduate Student	15.56%	7
Post-doc	2.22%	1
Tenure-track faculty member	28.89%	13
Non-tenure track college-level teaching position	6.67%	3
Non-tenure track college-level research position	6.67%	3
K-12 teaching	0.00%	0
No longer in science	2.22%	1
Retired	11.11%	5
Other (please specify)	Responses 26.67%	12
TOTAL		45

Q4

What best describes why you are no longer a member of SICB? Check all that apply.

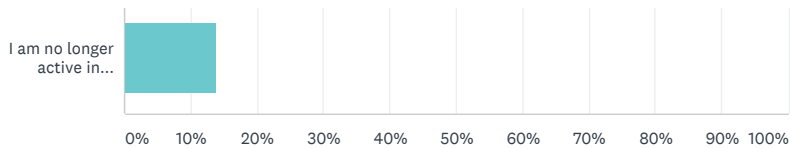
Answered: 36 Skipped: 9



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45 responses



ANSWER CHOICES	RESPONSES
I did not attend the annual meeting and so did not pay dues.	77.78% 28
My research/teaching interests have changed.	19.44% 7
I am retired and no longer attend scientific meetings.	8.33% 3
I am no longer active in science.	13.89% 5

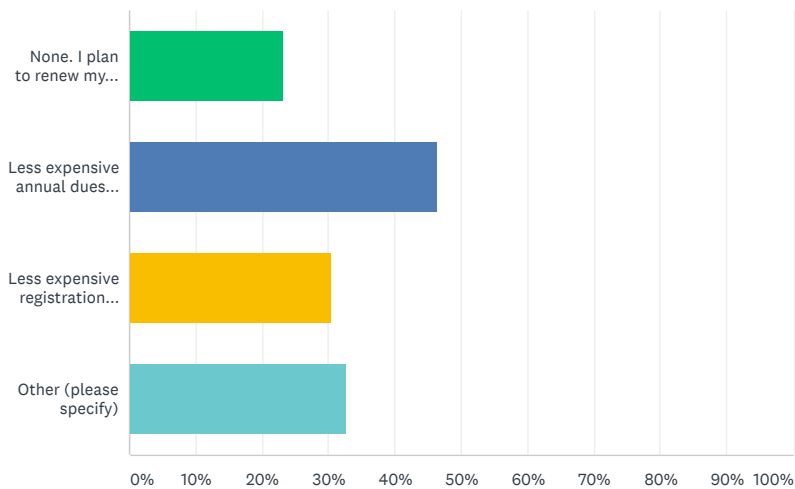
Total Respondents: 36

[Comments \(19\)](#)

Q5

What changes could SICB make to entice you to renew your membership?

Answered: 43 Skipped: 2



ANSWER CHOICES	RESPONSES
None. I plan to renew my membership!	23.26% 10
Less expensive annual dues (click here to see current dues schedule)	46.51% 20
Less expensive registration fees for the annual meeting (click here to see 2018 fee schedule)	30.23% 13
Other (please specify)	Responses 32.56% 14

Total Respondents: 43

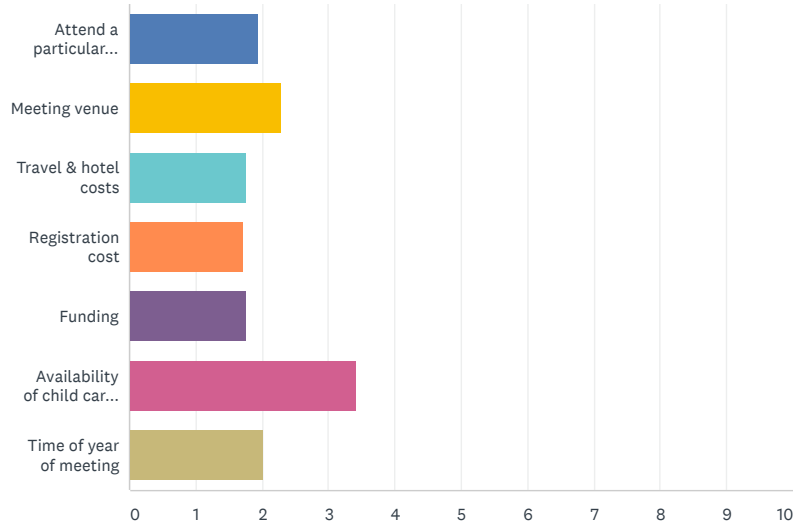
Q6

If you attend a future annual meeting of SICB, please rate the factors that you consider important.

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45 responses



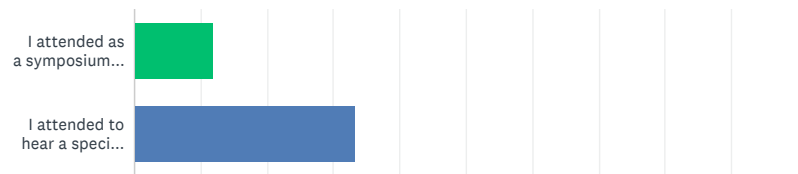
	VERY IMPORTANT	IMPORTANT	NOT IMPORTANT	NO OPINION	TOTAL	WEIGHTED AVERAGE
Overall scientific program	62.16% 23	32.43% 12	0.00% 0	5.41% 2	37	1.49
Attend a particular session	32.43% 12	48.65% 18	10.81% 4	8.11% 3	37	1.95
Meeting venue	21.62% 8	37.84% 14	32.43% 12	8.11% 3	37	2.27
Travel & hotel costs	45.95% 17	40.54% 15	5.41% 2	8.11% 3	37	1.76
Registration cost	50.00% 18	36.11% 13	5.56% 2	8.33% 3	36	1.72
Funding	45.95% 17	40.54% 15	5.41% 2	8.11% 3	37	1.76
Availability of child care (child care is now available at SICB meetings)	2.78% 1	2.78% 1	44.44% 16	50.00% 18	36	3.42
Time of year of meeting	40.54% 15	27.03% 10	24.32% 9	8.11% 3	37	2.00

[Comments \(8\)](#)

Q7

What best describes your past attendance at the SICB annual meeting? Check all that apply.

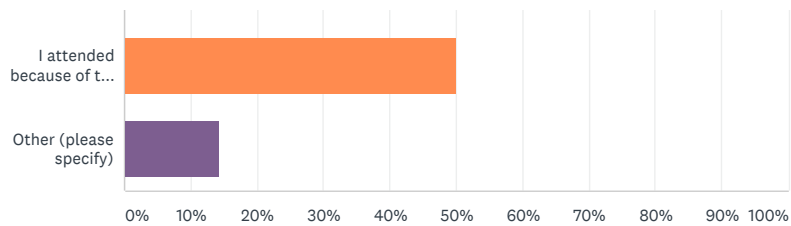
Answered: 42 Skipped: 3



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45 responses



ANSWER CHOICES	RESPONSES
I attended as a symposium speaker	11.90% 5
I attended to hear a specific symposium or to hear a specific session(s)	33.33% 14
I attended to present a paper/poster	83.33% 35
I attended for a workshop	19.05% 8
I attended because of the networking opportunities	50.00% 21
Other (please specify)	Responses 14.29% 6
Total Respondents: 42	

Q8

If you've attended other meetings instead of SICB in the past five years, which meetings were they?

Answered: 27 Skipped: 18

Human Anatomy and Physiology Society (HAPS) focused on undergraduate teaching

8/24/2017 5:37 PM

local (statewide/regional) meetings

8/22/2017 1:36 PM

Entomological Society of America Evolution International Congress of Entomology

8/22/2017 8:51 AM

Animal Behavior Society

8/21/2017 3:30 PM

AOU, AOS

8/21/2017 2:04 PM

SVP, AAA, ICVM

Q9

Do you plan to attend an annual meeting of SICB in the future? Check boxes that apply.

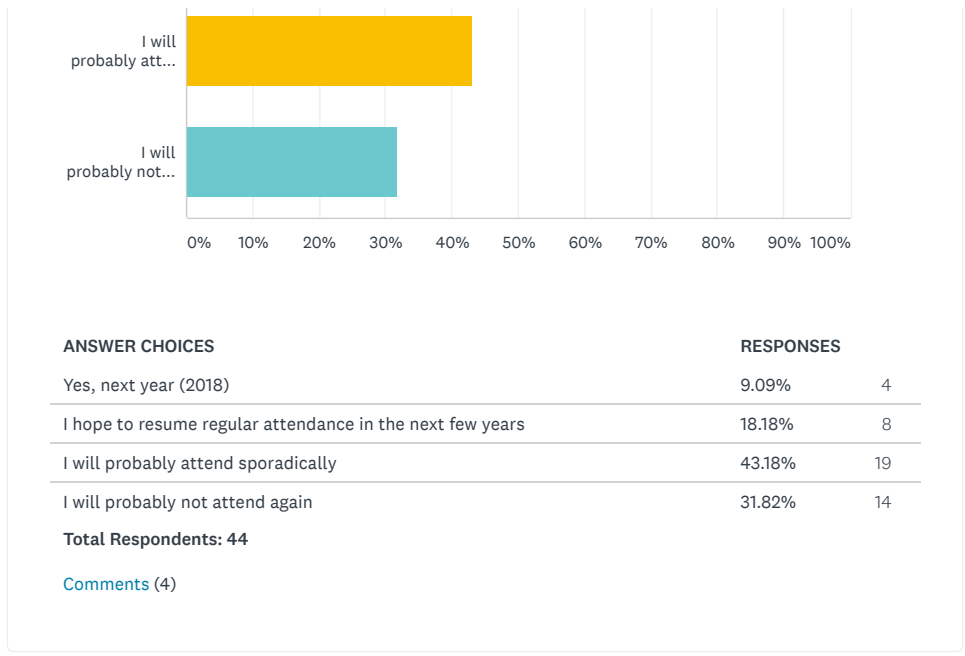
Answered: 44 Skipped: 1



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45 responses



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Share Link

Tweet



45 responses

SICB Student/Postdoctoral Affairs Committee Report
Zen Faulkes, SPDAC Chair
20 December 2017

1. Based on discussion at the last SICB meeting, we are trying a different format for the booth. We are trying to make the booth a more inviting area to “drop in” and discuss, with couches.
2. To bring people to the booth, we will be advertising “The 5-minute guide to…” presentations during the afternoon poster sessions. These will be advertised on social media during the conference.
3. The noon SPDAC session, following last year’s, will be a roundtable discussion rather than a “how to” presentation (“how to” moved to the SPDAC booth, as noted in 2).
4. Unresolved issues from last meeting: creating more resources for post-docs.

Pre-Conference Student Support Committee Report

January 3, 2018

Ryan L. Earley, Chair (DAB, DCE, DEE)

Recap on funding for the 2016-2017 cycle

Last year, there were a total of 143 grant applications (112 GIAR and 31 FGST), of which 34 were funded (26 GIAR, 8 FGST). The total payout was \$40,000, with \$25,323 going towards GIAR awards and \$14,667 going towards FGST awards. Awards were distributed among divisions in a manner that reflected the proportion of applications received from students that affiliate with each division (e.g., 29% of the applications were received by DEE and 30% of the applications that were funded came from that division).

There **remains** a significant difference among divisions regarding the number of applications received, which may reflect the number of students that affiliate with each division and also the history of each division (e.g., from the new DEDE). Students affiliated with DAB and DEE tend to dominate grant submissions, with DVM and DCPB also submitting a good number of proposals; the remaining divisions submit far fewer proposals.

We added a 'divisional affiliation' button to the grant applications so that we could obtain these data from year to year. The same basic trends held true in the 2017=2018 cycle (see accompanying powerpoint). I would like to request permission from the executive committee to reach out to the divisions. In doing so, perhaps we can brainstorm about how to recruit applicants from a wider variety of disciplines with the goal of supporting grants that reflect the breadth of SICB student interests.

Data from this year's funding cycle

This year, we received 149 grant applications, a slight increase from the 143 applications received last year. Eleven faculty grant reviewers, including the committee chair, have reviewed all applications and we have made recommendations on the awardees (see accompanying powerpoint). The winners will be announced during the SICB 2018 conference in San Francisco, CA.

Committee Membership

Current committee members are listed in the table below (red indicates that we will need to replace the member for the indicated year; green indicates that the member's term covers the indicated year).

Name	E-mail	Term	Institution	Affiliations	Next Year 2018-2019	2019-2020
John Bertram	ibertram@ucalgary.ca	2013-2018	University of Calgary	DCB, DVM		
Monica Daley	mdaley@rvc.ac.uk	2016-2019	Royal Veterinary College	DCB, DVM		
Ryan Earley	rlearley@ua.edu	2012-2018	University of Alabama	DAB, DCE, DEE		
Bill Hoese	bhoese@fullerton.edu	2016-2019	CSU Fullerton	DAB, DVM		
Matt Lovern	matt.lovern@okstate.edu	2014-2018	Oklahoma state	DAB, DCE, DCPB		
Marianne Moore	marianne.moore@asu.edu	2015-2018	Arizona State	DEDE, DCPB, DEE		
James Strother	james.a.strother@gmail.com	2015-2018	Oregon State University	DCB, DCPB, DIZ, DNB, DVM		
Cory Williams	ctwilliams@alaska.edu	2016-2019	University of Alaska Fairbanks	DAB, DCPB, DCE		
Christine Bedore	cbedore@georgiasouthern.edu	2016-2019	Georgia Southern University	DNB, DAB, DCPB		
Katie Staab	kstaab@mcdaniel.edu	2017-2020	McDaniel University	DVM, DCB, DEDB		
Justin McAlister	jmcalist@holycross.edu	2017-2020	College of the Holy Cross	DIZ, DEE, American Microscopical Society		

Cynthia Downs rolled off of the committee to assume duties as the DEDE Program Officer. This year, John Bertram, Matt Lovern, and James Strother will also roll off. Ryan Earley will roll off as chair of the SSC.

Katie Staab and Justin McAlister were recruited to the committee and began their terms this year.

Marianne Moore will assume the duties of SSC Chair for the next cycle (2018-2019) and her term will continue through the 2020-2021 cycle.

We will need to make a major effort to recruit additional members to the committee. **The SSC chair recommends recruiting seven (7) new committee members for this coming year** to replace Downs, Bertram, Lovern, Strother, and Earley (and to add 2 additional members, bringing the committee total to 14). The following individuals have been suggested by members of the SSC committee, past and present:

1. Jason Hodin (<http://staff.washington.edu/hodin/>) - metamorphosis and settlement in echinoderms, ocean acidification, anthropogenic pollutants
2. Philip Bergman (<http://www2.clarku.edu/faculty/pbergmann/>) - evolutionary functional morphology, reptiles
3. Rindy Anderson (<http://rindy1.wixsite.com/rindyandersonlab>) - social behavior, communication, birds
4. Tonia Tsieh (<http://astro.temple.edu/~sthsieh/research.html>) - locomotor behavior, ecology, habitat structure, limb autonomy and regeneration, gait
5. Mike Baltzley – (<http://www.wou.edu/~baltzlem/>) - nervous systems evolve to create novel behaviors, locomotion in nudibranchs, sensory neurons in leeches
6. Angela Horner (<http://biology.csusb.edu/faculty/horner/>) - mechanisms shaping locomotor strategies, aging/disease and performance, muscle function in small mammals
7. Kyle Mara - vertebrate functional morphology, biomechanics, feeding and head morphology, lizards, hammerhead sharks (<http://maralab.weebly.com/research.html>)
8. Kris Karsten - karsten@callutheran.edu - sexual selection, life history evolution, lizards (<https://www.callutheran.edu/faculty/profile.html?id=karsten>)
9. Michi Tobler - tobler@ksu.edu - mechanisms of phenotypic diversification, evolution, reproductive barriers, speciation, physiology, (<http://sulfide-life.info/>)
10. Jen Grindstaff - jen.grindstaff@okstate.edu - animal behavior, ecological immunology, maternal effects, antibody transmission, life history trade-offs, birds (<http://integrativebiology.okstate.edu/8-people/faculty/21-jennifer-grindstaff>)
11. Sarah Knutie- saknutie@gmail.com - disease ecology (<http://www.knutielab.com/>)
12. Kevin Kohl - kevin.d.kohl@gmail.com - physiological ecology and microbial ecology of the digestive system (<http://www.kevindkohl.com/>)
13. Fran Sandmeier - fsandmeier@gmail.com - ecoimmunology in herps (<https://sites.google.com/site/francsandmeier/>)

I will discuss these potential new recruits with the incoming SSC Chair, Marianne Moore, in early January and we will begin to send out invitations to serve.

Updates to the Review Interface & Online Information

I worked with Ruedi to generate a review interface that keeps the identity of the students 'blind' and to update the web pages for GIAR and FGST. The following changes were made:

1. Student names are no longer indicated on the review interface
2. Students are encouraged to refrain from identifying themselves, their advisor, or their institution in the grant itself.
3. There is now a more comprehensive description of the GIAR and FGST mechanisms, including review criteria and specifications on budget items, on the SICB website (<http://sicb.org/grants/researchgrant.php3>).

We worked with the Program Officer (Rick Blob) to secure a spot for the first Student Support Committee Workshop on *Writing a Competitive GIAR/FGST Grant*. The workshop will be held on Saturday, January 6th at noon. Several members of the SSC will attend, and I recruited 10 previous GIAR/FGST awardees to participate.

Goals for Next Year's Conference

1. The committee would like to discuss the possibility of adding a flag to the SICB program so that we can see which student talks were funded by this program. If this is viewed favorably by the executive council, I would be interested to coordinate with the most appropriate person.
2. The committee would like to discuss the possibility of adding a flag to the nametag of the previous year's awardees for purposes of recognizing past GIAR/FGST recipients. This could be done in lieu of, or in addition to #2 (above).



The Society for
Integrative &
Comparative
Biology

Student Support Committee

Thank you!

Members

Christine Bedore, *Georgia Southern University*

John Bertram, *University of Calgary*

Monica Daley, *Royal Veterinary College*

Ryan Earley (Chair), *University of Alabama*

Bill Hoese, *CSU Fullerton*

Matt Lovern, *Oklahoma State University*

Justin McAlister, *College of the Holy Cross*

Marianne Moore, *Arizona State University*

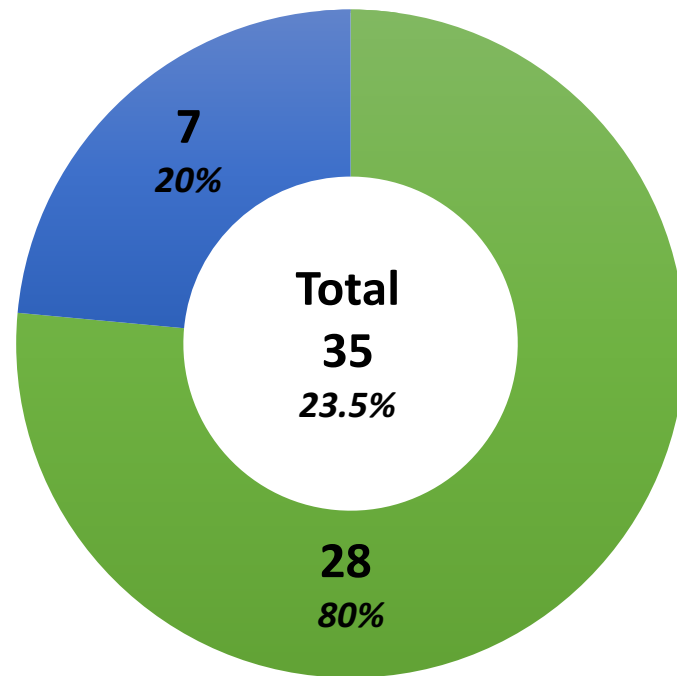
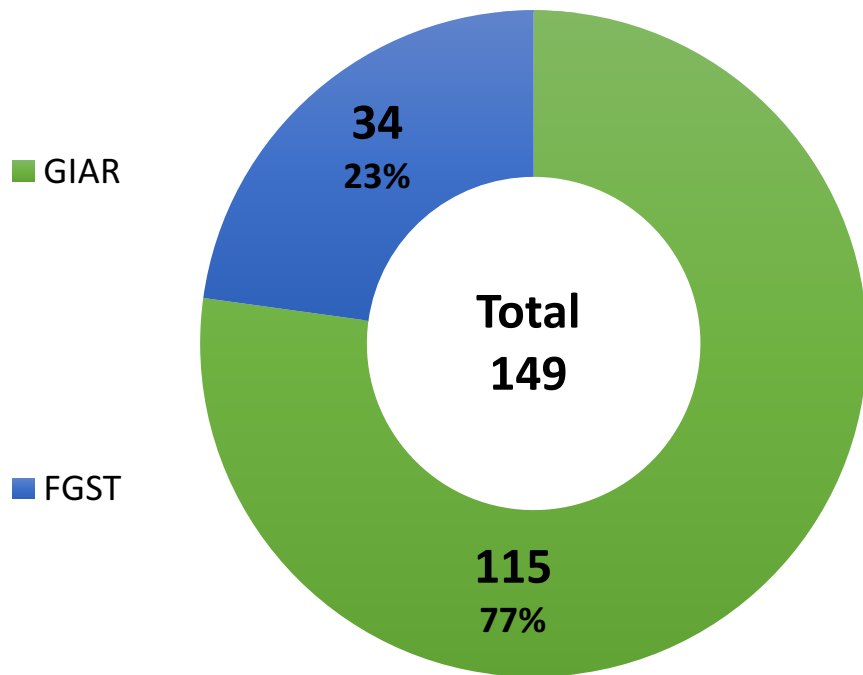
Katie Staab, *McDaniel University*

James Strother, *Oregon State University*

Cory Williams, *University of Alaska - Fairbanks*

Submitted

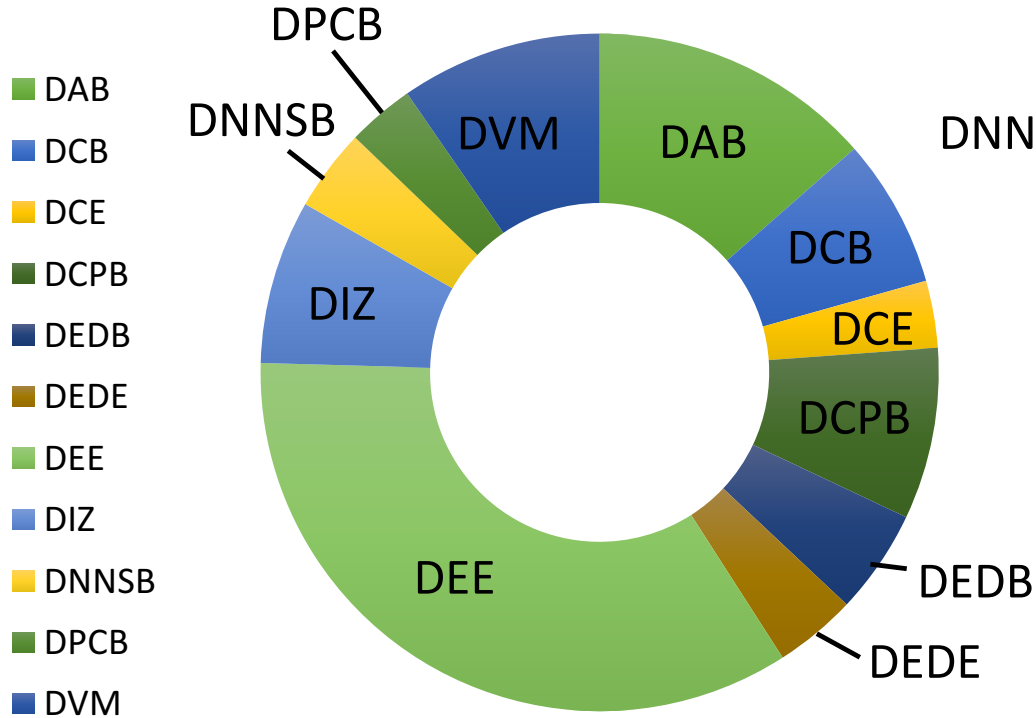
Funded



■ GIAR

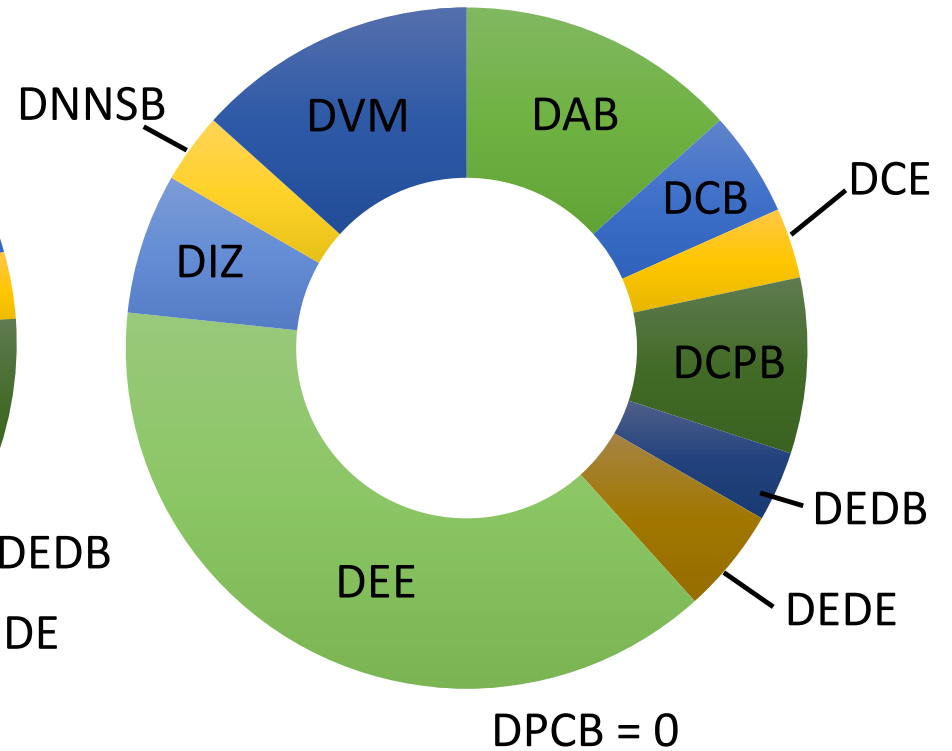
■ FGST

Student Applicant Affiliations



Graph generated based on 281 divisional affiliations among the 149 applicants; many applicants have 2+ divisional affiliations

Student Awardee Affiliations



Graph generated based on 60 divisional affiliations among the 35 awardees; many awardees have 2+ divisional affiliations



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FGST Awardees

Christian Brown, *University of South Florida*

Hayden Davis, *Villanova University*

Anthony Gilbert, *Ohio University*

Joshua Goldberg, *University of California - Riverside*

Emily Richardson, *College of William & Mary*

Austin Spence, *University of Connecticut*

Levi Storks, *University of Missouri*



The Society for
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GIAR Awardees

Sarah Amonett, *University of Mississippi*
Kimberly Berrier, *CSU-Northridge*
Thomas Boag, *Stanford University*
Grace Capshaw, *University of Maryland*
Casey Coomes, *University of Tennessee Knoxville*
Jessica Cusick, *Florida State University*
Aaron Griffing, *Marquette University*
Theresa Gunn, *Georgia Southern University*
Melissa Ingala, *American Museum of Nat. Hist.*
Alexa Lindauer, *University of Nevada, Reno*
Leeann Louis, *University of California - Berkeley*
Ashley Love, *Oklahoma State University*
Shumpei Maruyama, *Oregon State University*
Keegan Melstrom, *University of Utah*

Rachel Moran, *University of Illinois*
Victor Munteanu, *Clemson University*
Dina Navon, *University of Massachusetts Amherst*
Rachel Petersen, *New York University*
Emily Powell, *University of Miami*
Kelly Robinson, *San Diego State University*
Alisha Shah, *Colorado State University*
Brooke Sykes, *University of Mississippi*
Sarin Tiatragul, *Auburn University*
Lisa Treidel, *University of California - Berkeley*
Magalie Valere Rivet, *Loma Linda University*
Nicole Weigand, *Ohio University*
Sarah Wenner, *CSU-Northridge*
Linyi Zhang, *Rice University*

SICB Public Affairs Committee Report 2017

Molly Jacobs, Chair

Committee membership (year indicates end of term on PAC)

Sara ElShafie '20 (graduate student member)

Martha Munoz '20

Jimmy Liao '19

Sharri Zamore '19

Molly Jacobs (Chair) '18

Thom Sanger '18

Rick Blob (Ex officio)

Kathy Dickson (Ex officio)

Thom Sanger will take over as PAC chair at the end of the 2018 meeting. The PAC is currently discussing potential new members and plans to submit a recommendation to the Executive Committee shortly. Molly Jacobs has also agreed to stay on for one additional year in an advisory capacity.

The committee met in person at the 2017 meeting and via Skype on February 28 and November 1.

Summary of Committee Activity in 2017:

Public Outreach and Policy Statements

March for Science: The PAC worked closely with the executive officers to draft SICB's announcement that it had signed on as a partner organization for the March for Science. The full text of that statement is appended to this report.

Public Outreach: The PAC dedicated one of its meetings to a discussion of SICB and science outreach. We agreed that as a scientific society, we should be reaching out to people who don't have access to science. These might include people in educationally or financially impoverished areas, or politicized lack of access. Ideas for outreach included:

- Science fair sponsorships
- Outreach at teacher conferences such as AAST, NABT
- Outreach at meeting locations
 - o Note: SICB meetings tend to occur frequently in some parts of the country and rarely or never in others. Should outreach be part of the conversation when we are choosing our meeting venues?
- Sponsor SICB attendance from target geographic areas?
- Database of SICB scientists available for public outreach, comparable to gradwagon
- Webinars by SICB scientists

SICB and Social Media

PAC member Thom Sanger took over the SICB twitter account in August 2016. Since that time, @SICBtweets has experienced a rapid increase in the number of followers (from 531 to 1548), and the number of tweets, tweet impressions, and people tweeting to SICB have also greatly increased.

Although our current twitter strategy has been effective, it is unsustainable because it relies primarily on a single person. PAC is currently working to develop a proposed social media management plan for SICB. Beginning in December, PAC member Sharri Zamore will also be helping manage the twitter account.

2018 Annual Meeting

The PAC theme for the 2018 annual meeting is storytelling, and the PAC is sponsoring or otherwise involved in five events at the 2018 meeting:

1. Science Through Narrative: Engaging Broad Audiences (January 5)

In 2016, student journalist (now PAC member!) Sara ElShafie pitched a storytelling workshop to the PAC. Her email was accidentally forwarded to all SICB email accounts, and the conversation that followed inspired Sara to submit a proposal for a storytelling symposium at the 2018 meeting. The resulting society-wide symposium is scheduled for January 5.

2. Science Through Story: Strategies for Science Communication Inspired by Pixar's Creative Process. Thursday, Jan 4, 12-1:30.

This workshop offered by Sara ElShafie and her colleagues at Pixar adapts story development techniques from filmmaking to help scientists engage broad audiences. We use examples from films to illustrate essential principles of storytelling, such as character development, narrative structure, and emergent themes. We connect these with examples from scientific research to demonstrate how storytelling principles can be used to communicate science effectively. In this interactive workshop, you will gain tools that you can use to develop a science story for any audience based on your own work or topic of interest. The workshop was developed in collaboration with artists at Pixar Animation Studios and educators at the UC Museum of Paleontology.

3. SICB Storybooth

PAC is excited to introduce the inaugural SICB storybooth! The booth will be available in the poster hall throughout the meeting, and meeting attendees are encouraged to step into the booth to record a short story about their experiences in science. Videos will be curated by the PAC, and selected videos will be posted online throughout the year.

4. Sketch your conference notes! A hands-on visual note-taking workshop

Sketchnoting, also known as visual note taking, is the practice of sketching or doodling notes while listening to a lecture with the purpose of summarizing or recording key concepts visually – visual note taking is not detailed scientific illustration! The process of listening, identifying key points, and quickly translating them into a visual story on paper 1) increases focus during presentations, 2) helps in the retention and recollection of key concepts and complex scientific ideas, 3) creates a visual dialogue to communicate and share what was learned with the broader

community, and 4) is fun! This is an introductory level workshop presented by Shayle Matsuda (@wrongwhale) where you will learn about the power of visuals for learning and communication, practice simple sketching techniques, explore how fonts, colors, design and layout can help get your message across effectively, and how to overcome the challenges of time and complex material. We will also talk about different ways to sketch (from pens and watercolors to digital) and tips for building your sketching tool-kit. This hands-on workshop will include time to practice new techniques and a chance to create your first sketchnote!

This is a repeat of the popular workshop we sponsored at the 2017 meeting.

5. Local Outreach Initiative: The PAC is proud to support this student-initiated public outreach effort for the second year in a row. SICB member and graduate student Glenna Clifton is organizing a program that connects SICB scientists to middle school classrooms at the meeting venue.

2017 Annual Meeting:

The PAC sponsored three events at the 2017 annual meeting:

2017 #1: DIY Videography Workshop: Making your research broadly accessible

This well-attended workshop focused on elements of a successful science videos. Participants pitched potential video projects, learned about how to make effective videos, and practiced elevator speeches about their science. The workshop was conducted by Shannon Malone of Red Rock Films and hosted by PAC member Dr. Sharri Zamore.

2017 #2: Sketch your conference notes! A hands-on visual note-taking workshop

SICB member Shayle Matsuda led this popular and engaging workshop – participants began practicing sketchnoting immediately. The goal of the workshop was to introduce sketchnoting as a tool to increase focus and improve retention during presentations, and also to facilitate broader science communication. The workshop was hosted by Dr. Molly Jacobs of the PAC.

2017 #3: The PAC (along with the Broadening Participation Committee) sponsored a student-initiated public outreach effort to middle school students in New Orleans during the meeting. The outreach effort was organized by SICB member and graduate student Glenna Clifton.

Press Releases to Advertise the Annual Meeting

2017: Press releases issued through Newswise for the 2017 meeting had many hits, ranging from 2,074 to 4,093. The story with the most hits was *Orchids mimic human BO to attract mosquitos* by Justin Havird, featuring research by Dr. Jeff Riffell.

2018: The PAC selected eight abstracts to feature in press releases. Thom Sanger attended the programming meeting, and worked with program officers to develop a list of approximately 40 candidate abstracts. The entire committee winnowed this list down to eight, plus four ‘back-ups’ (some scientists turn us down because they don’t want publicity prior to publication).

Press releases were written by alumni of the student journalism program, in addition to several other volunteers. Molly Jacobs, Martha Munoz, Thom Sanger, and Sara ElShafie all served as editors for the press releases.

SICB 2018 Featured Abstracts (Abstract #, title, First author and institution):

#1442 “Quantitative Classification of Animal Behaviors from Time-Series Tracking Data: Machine Learning Techniques” (Natnael Hamda, NOAA Southwest Fisheries Science Center/University of California, Santa Cruz)

#1213 “Evolution of embryo implantation was enabled by the origin of decidual cells in eutherian mammals” (Arun Chavan, Yale University)

#99 “Chitin within the electrosensory organs of cartilaginous fishes” (Molly Phillips, University of Washington)

#1770 “Isotopic analysis of fossil whale barnacles to reconstruct prehistoric whale migration: preliminary results” (Larry Taylor, University of California, Berkeley)

#1660 “Leaping larvae: hydrostatic jumpers at the mm-scale” (Grace Farley, Duke University)

#619 “Predicting coral adaptation and extinction in the coral triangle” (Misha Matz, University of Texas, Austin)

#382 “CT Imaging of dinosaur footprints: hidden topography and the origin of track diversity” (Stephen Gatesy, Brown University)

#1123 “Omnivorous sharks? An analysis of bonnethead shark digestive physiology provides evidence for seagrass digestion and assimilation” (Sam Leigh, University of California, Irvine)

Student Journalism Program

2017: We worked with five student journalists. The program kicked off with breakfast on the first day of the conference, with a second in-person meeting at the end of the conference to discuss the potential stories. The stories were published on the front page of the SICB website, where they remained throughout the year. The stories are:

Eye-tuned: how starfish stay home

By Amanda Franklin

Have no fear with nano-spheres: anti-reflectance in ocean amphipods

By Alice Chou

Tiny acorn ants reveal secrets of urban evolution

By M. Elise Lauterbur

Rewinding the tape with jumping spiders: how predictable is evolution?

By Dina Navon

Artificial noise: an innovative approach to bird conservation and management

By Corrie Navis

2018: We have recruited five student journalists for the 2018 meeting. Those students are:

Tracy Burkhard, University of Texas at Austin

Itzue Caviedes-Solis, University of Washington

Alyssa Frederick, University of California, Irvine

Maggie Jones, Iowa State University

Chloe Schmidt, University of Manitoba

Full Text of SICB's statement for the March for Science:

We are proud to announce that the Society for Integrative and Comparative Biology (SICB) has signed on as a partner organization for the upcoming [March for Science](#) on April 22, 2017. As SICB scientists, we stand for diversity, academic freedom, science-based policy, and inclusiveness.

Diversity is fundamental to every aspect of SICB's mission. SICB stands with and is strengthened by people of all genders, gender identities and expressions, races, ethnicities, religions or religious beliefs, sexual orientations, disabilities, and national origins. We hold that diversity within the sciences is critical to advancing the frontiers of scientific knowledge, facilitating the dissemination of information, and fostering an environment conducive to discovery.

Science is not a belief system or a set of opinions; rather, it is the rigorous process of discovering evidence-based truth through intensive research and experimentation. By its nature, science is non-partisan. We at SICB believe scientific information should be freely disseminated, and that all scientists should be free to communicate their findings without fear. We oppose any effort to censor, edit, or restrict access to scientific information.

Scientists provide the best information and evidence possible to those who craft the policies that govern our lives. We call on policy makers to constantly seek sound scientific information, and to base their decisions on peer-reviewed evidence and scientific consensus.

To SICB, the March for Science is not solely about promoting science and science policy, but about supporting all scientists, including those whose opportunities have been limited as a result of social injustice worldwide. Fostering inclusivity also helps to right historical wrongs, wherein people of marginalized demographics have been excluded from science. We consider inclusivity as a cornerstone of scientific advancement and a moral imperative.

The March for Science is an opportunity to voice our support for diversity, academic freedom, science-based policy, and inclusiveness. As an organization, SICB pledges to stand for these core SICB values with words and actions, on April 22 and at all times. Members who would like to participate in the March for Science can find information at <https://www.marchforscience.com/>.

Development Committee Report

Robert Roer, Chair

Development Committee: Karen Burnett, Thomas Daniel, Darwin Jorgensen, Karen Martin (*ex officio*), Rachel Merz, and Robert Roer

The Committee met formally in New Orleans and general discussions centered on promoting annual gifts, major gifts, planned (legacy) gifts, and establishing fundraising priorities for the various named funds.

1. At the Austin meeting, we began a new donor recognition program. Ribbons that were affixed to badges) identified donors at five different giving levels. The recognition program has been continued in ensuing meetings and will be in place again at this meeting.
2. Along with the Executive Committee, the Development Committee analyzed the balances and expenditures of each named fund to establish fundraising goals. The funds are authorized to disburse 4% of the principal based on a trailing 5-yr average. The objective is to make all the funds self-sustaining. A table showing these data is below.
3. The policy formulated by the Committee for honoring or memorializing SICB members within the context of the Mangum and the GIAR/FGST Funds was approved by the Executive Committee. The policy is attached.
4. As an inauguration of this policy, members of the Committee hosted a lunch at the New Orleans meeting for close colleagues and former students of Steve Vogel. The Committee proposed setting up a Vogel scholarship within the GIAR Fund to support a student doing research in biomechanics. Tom Daniel volunteered to shepherd the effort. To date, \$9,400 has been contributed from 10 donors.
5. Donations to the Society for FY 2017 amounted to \$32,560.37 from 61 individual donors. Through 30 Nov. 2017 of FY 2018, 42 donors and contributed \$25,471.
6. The Chair of the Committee set up an “on-demand” virtual store for SICB apparel with the Queensboro Shirt Company. There is no up-front cost to the Society and 15% of all sales will go to support the Mangum and the GIAR/FGST funds. The url for the store is:

<https://sicbstore.qbstores.com/>

Fund Name	Target	Current Balance	Available for use in FY18
George A. Bartholomew Fund	\$190,000	\$185,974.26	\$6,526.49
Libbie H. Hyman Memorial Scholarship	\$75,000	\$141,121.20	\$3,678.98
Dwight Davis Fund	\$25,000	\$29,865.18	\$782.48
Wenner Strong Inference Award Fund	\$7,500	\$12,686.35	\$488.85
GIAR & FGST	\$1,000,000	\$252,410.72	\$8,668.13
Charlotte Mangum Student Support Fund	\$1,500,000	\$341,794.77	\$12,465.38
John A. Moore Fund	\$80,000	\$55,503.16	\$1,273.22
Dorothy M. Skinner Award Fund	\$30,000	\$26,832.84	\$769.64
Symposium Support Fund	\$605,000	\$145,249.00	\$4,045.13
Carl Gans Award Fund	\$50,000	\$46,807.06	\$1,666.52
C. Ladd Prosser Symposium Fund	\$50,000	\$34,169.59	\$1,209.36
Howard Bern Fund	\$80,000	\$41,206.33	\$1,361.54
Total	\$3,692,500	\$1,313,720.46	\$42,935.72
	Needed \$	\$2,378,780	

Policy for Donations for Naming SICB Student Support Awards

Individuals or groups who wish to honor or memorialize an individual who is or was a member of SICB may make a donation to one of the existing student support funds [Charlotte Mangum Student Support Program or Grants in Aid of Research (GIAR)/ Fellowship for Graduate Student Travel (FGST)] and SICB will provide one (or more) of these awards in the honoree's name. The minimum donation to name one of these awards is \$1,000. For each \$1,000 donation, one of the awards made to a student for one year will be designated with the name of the honoree. For example, a \$10,000 donation to the Charlotte Mangum Student Support Fund in honor of or in the memory of John Doe would result in ten of the Mangum awards being called the John Doe awards for one year, or five of the awards for two years, or one named award for 10 years. Donors would be free to designate which of the above student support funds would receive the donation and the number/duration of the awards.

A mechanism will be set up on the SICB web site to receive proposals for these donations. The SICB Executive Director will be listed as the contact person to receive inquiries and answer questions. It is understood that some flexibility in establishing SICB named awards should be maintained. If specific issues arise that need to be addressed, the SICB Finance Committee is empowered to make decisions.

Rationale

The goal of this proposal is to increase the principal of the Mangum and GIAR/FGST funds. It would not preclude donors from contributing to other named funds that are already established. All donations would be added to the principal and the annual disbursement of support would not change – there would be no additional awards made based upon donations described above. One or more of the current awards would be named for an honoree.

This would be an excellent way to educate our students about the heritage of the Society and the luminaries in their fields. Moreover, the procedure would not require any additional committees. Students would be evaluated for the support award programs in the same manner as is currently in practice, and those receiving named awards will be identified after selection and notified of the association of their award.

This is a win-win proposal. The principal of these student support funds will grow. We don't change the amount dispersed annually, and we simply name one of the awards that we are already making for an honoree. If this works really well, the student support funds can eventually become self-sufficient and could even grow, increasing the number of students we support.

Accounting

The donated funds will be added to the principal of the Mangum or GIAR/ FGST fund (as opposed to being used to fund a given award in the year the donation is made). The student awards will continue to be funded annually as they are now, and there is no planned increase in the amount to be awarded each year via Mangum or GIAR/FGST student support. However, the annual amount of usable funds generated by investment of the principal will grow as the principal grows.

Broadening Participation Committee Report January 2018

Stacey Combes, Chair

Updates on the Broadening Participation Committee

In 2017, we added a web page for the Broadening Participation program to the SICB site at <http://www.sicb.org/resources/diversity>, which we plan to expand over the coming year by adding information about the BP programs, lists of past award winners and workshops, and links to external resources. This year, we are also expanding our BP meeting mentorship program, which we piloted last year with 10 mentor-mentee pairs from among the BP travel award winners. We have now made this program available to all SICB members, whether or not they applied for or received BP travel awards (see below for more information on this year's mentorship program).

San Francisco, 2018 activities

BP Travel Awards for SICB 2018

The BP Committee was fortunate to receive a generous donation of \$10,000 this year from the Gans Collections and Charitable Funds, Inc. in support of the travel award program. As a result, we were able to increase the number of travel awards from 23 given in 2017 to 39 travel awards this year, each for ~\$500. This extra support was particularly helpful, as the number of applications we received rose from our typical applicant pool of ~45 to over 120 applications this year (!). This year's awardees consisted of 9 undergraduates, 1 post-baccalaureate researcher, 4 MS students, 15 PhD students, 8 post-docs, 1 assistant professor, and 1 associate professor. Of the awardees, 23 are Hispanic/Latino, 8 are Black/African American, 4 are Asian, 2 are American/Alaskan Indian, and 1 is Native Hawaiian/Pacific Islander; 28 of the awardees are female and 11 male. One of the awardees declined his award due to receiving full funding from other sources.

BP Meeting Mentor program

This year, the BP committee expanded our Meeting Mentor program by offering to match any interested SICB attendees with a mentor - an experienced SICB-goer that will attend at least 3 SICB events (e.g., poster sessions, socials) with their mentee, to help them navigate the meeting, expand their professional network, and offer general career advice. We surveyed participants in our trial program last year to fine-tune the guidelines for the mentorship program, asked meeting attendees to indicate their interest on the registration form, and created an on-line matching survey to pair mentors and mentees. The response to this program was overwhelming - on the registration form, 178 attendees indicated they were interested in being mentees, 127 in being mentors, and 40 in being both a mentee and a mentor. The matching survey was completed by 97 attendees who were interested in being a mentee and 77 who were interested in serving as a mentor. We were able to make more than 50 mentor-mentee matches for this year's meeting mentorship program.

SICB 2018 meeting activities

The BP committee will welcome travel award recipients and participants in the meeting mentorship program at a Meet & Greet breakfast from 7-8 AM on Thursday January 4th.

At noon on Saturday, January 6th - thanks to additional support approved by SICB leadership - the BP Committee will be hosting a workshop entitled “*Beyond Traditional Mentors: Mentoring Moments and Networks.*” The workshop will be led by Dr. Claire Horner-Devine, a professional consultant and workshop leader who focuses on professional development programs for early career scientists from underrepresented groups in STEM. This will be an interactive session focused on navigating participants’ current mentoring landscapes as well as creating new opportunities to get the mentoring they want and need to thrive. Participants will complete a mentoring map and assess areas where they are receiving the mentoring they need and areas in which they need to develop more mentoring relationships. They will also develop a set of tools to pursue mentoring in areas where they want support and a plan to develop their mentoring networks with concrete steps to take in the weeks following the workshop.

Travel Award recipients will be honored at the Broadening Participation Social from 7-9 PM on Saturday, January 6th at the ThirstyBear Organic Brewery, located ~3 blocks from the conference venue. A buffet of tapas will be served and a cash bar will be available. All SICB members are welcome to attend and help celebrate the accomplishments of the BP travel award recipients.

Annual Report of the DAB 2017

Submitted by Jennifer Gumm, Scott MacDougall-Shackleton, Michele Johnson, Helen Chmura

Chair: Jennifer Gumm 1/2016 – 1/2019

Secretary: Michele Johnson 1/2015 – 1/2018

Program Officer: Scott MacDougall-Shackleton 1/2017 – 1/2020

Student/Postdoc Rep: Helen Chmura 1/2015 - 1/2018

Division Posts: A huge thank you to Michele Johnson who has served as Secretary since 2015. Erica Westerman was elected to fill the Secretary position, to begin after the 2018 Annual Meeting. We also thank Tracy Langkilde, who is serving as the DAB representative on the ICB Board.

Meeting Statistics, current and future symposia:

At the 2017 New Orleans meeting, the DAB co-sponsored the following symposia:

- 1) Indirect Effects of Global Change: From Physiological and Behavioral Mechanisms to Ecological Consequences (SICB-Wide, DAB, DCPB, DEE, DIZ, DNB, & TCS)
- 2) Integrative Life-History of Whole-Organism Performance (SIBC-Wide, DAB, DCB, DCE, DEDE, DEE, DNB & DVM)
- 3) The Ecology of Exercise: Mechanisms Underlying Individual Variation in Movement Behavior, Activity or Performance (DAB, DCB, DCPB, DEE, & DVM)
- 4) Molecular and Neuroendocrine Approaches to the Study of Evolutionary Tradeoffs: Food, Sex, Stress, and Longevity (DAB, DCE, & DNB)
- 5) Integrating Cognitive, Motivational and Sensory Biases Underlying Acoustic and Multimodal Mate Choice (DAB, DCE & DNB)
- 6) The Development and Mechanisms Underlying Inter-individual Variation in Pro-social Behavior (DAB, DCE, DEE & DNB)

DAB BSP Awards: For the 2017 competition at the New Orleans meetings, the DAB had 64 student entrants in the poster and talk competitions. Based on a judging panel's evaluation of an extended abstract, seven finalists were selected to present in the oral session.

The co-winners of DAB's Best Student Presentation award in the oral category at the New Orleans 2017 meeting were Christopher Goodchild, from Oklahoma State University, for his presentation "Animal personality explains among individual variation in anti-predator strategies" and Rachel Crane, from Duke and Stanford Universities, for her talk "Strategic strikes: how mantis shrimp crack open different prey."

The winner of DAB's Best Student Presentation award in the poster category was Rickesh Patel, from the University of Maryland, Baltimore County, with his poster, "Navigating the benthic reef: orientation in stomatopod crustaceans." The DAB also awarded an Honorable Mention to Adriana (Ana) Poole, an undergraduate Hendrix College, for her poster "Social resilience and behavioral flexibility in major workers of the ant *Pheidole dentata*."

During the Fall of 2017, The DAB Executive Committee and Judges evaluated 18 extended abstracts to select the finalists. Congratulations to the six finalists: Roger Brothers, Tracy Burkhard, Daniel Escobar-Camacho, Patrick Green, Sydney Hope, and Joel Slade. Their presentations will be given in Session 27 on January 4, 2018 from 1:30-2:45 pm in Room Nob Hill A-B. We will also have 24 students compete in the Best Student Poster Competition, with a subset of these posters presented in each of the three poster sessions.

In 2017, we piloted an option for student presenters to receive written comments and feedback on their posters. More than half of the participating students requested this feedback. We will formalize that process this year to provide this feedback for all students.

After a 2-year process, DAB has named the Oral and Poster BSP Competitions. We solicited nominations from the membership and received over 40 suggested names, prompting a lengthy discussion of criteria and qualifications. Based on feedback throughout this entire process, the divisional officers worked together to select five prominent animal behaviorists to include for the final vote on the new BSP name. As a result of the vote, we will be hosting the inaugural competitions for the Marlene Zuk Award for Best Student Presentation and the Elizabeth Adkins-Regan Award for Best Student Poster at the 2018 meeting. The research areas represent both proximate and ultimate approaches to animal behavior, highlighting our integrative nature. Further, it is particularly exciting that our awards will be named after two prominent women in the field.

Next Business Meeting: Our DAB Business Meeting for the 2018 San Francisco meeting will be held on January 4, at 5:45 pm in Room Foothill G. At the business meeting, we will announce the winners of the Oral BSP competition. We will host a joint DAB/DCE/DEDE//DNNSB social at the Thirsty Bear on January 5th from 8-10 pm.

DCB Report to the Executive Committee, SICB 2017

Sheila Patek, Chair

The Division of Comparative Biomechanics has had a busy year.

Andie Ward (Adelphi University) is currently serving as secretary and Jake Socha (Virginia Tech) is serving as program officer. During this past year's elections, Sandy Kawano won election as our new secretary and Phil Anderson will be our new program officer.

In addition to division elections, Brett Aiello (postdoc, U Chicago) has been appointed as our new student and postdoc representative. Brett took over from Sandy Kawano. Brett has been proactive and engaged in the DCB committee discussions. He launched an active twitter feed with DVM (@mechsNmorph) to showcase exciting research from DCB/DVM community as well as to provide announcements for the divisions.

We ran the DCB Best Student Paper and Poster Sessions again this past year. It was successful, well-attended, and generated a good buzz around student research. We adjusted the wording slightly for the BSP Award criteria/guidelines for the 2017 competition. Another great batch of presenters was chosen from this year's applicant pool by the DCB BSP committee.

We ran the Gans Award competition. The Division did not give a Gans Award in 2017, due to the small number of nominees and the committee's consensus that the nominations were not strong enough to warrant an award. We have asked for the executive committee to consider a rewording of the Gans Award criteria to allow us more clarity with the award itself and to institute a requirement for a minimum number of nominations to run the award competition. This request is currently under discussion. Next year, we will push hard for more and stronger nominations.

Tom Daniel and others led a new fund-raising campaign for a Vogel Fund to support Grants in Aid of Research. We are currently pushing hard to get the initial fund to \$25,000. We are optimistic that we will make this mark by the SICB meeting.

Division of Comparative Endocrinology (DCE)

L. Michael Romero, DCE Chair

The meeting in New Orleans, was a terrific success. DCE co-sponsored 6 symposia: *Evolutionary Impacts of Seasonality*; *With a Little Help from my Friends: Microbial Partners in Integrative and Comparative Biology*; *The Development and Mechanisms Underlying Inter-individual Variation in Pro-Social Behavior*; *Integrating Cognitive, Motivational and Sensory Biases Underlying Acoustic and Multimodal Mate Choice*; *Integrative Life-history of Whole-organism Performance*; *Molecular and Neuroendocrine Approaches to the Study of Evolutionary Tradeoffs: Food, Sex, Stress, and Longevity*. DCE members submitted 115 abstracts, which is line with recent meetings.

The 16th annual Howard Bern lecture was presented by Dr. David Crews. His lecture, “*We have soiled our nest, now what?*” was a terrific exploration of the underlying endocrine mechanisms that can be disrupted by various human activities.

We also had fantastic student competitions for the Aubrey Gorbman Oral Presentation Award won by Jennifer Merritt (Emory University) who gave a talk titled: *An estrogen receptor alpha polymorphism may mediate behavioral polymorphism in the white-throated sparrow*. The Lynn Riddiford Poster Presentation Award was won by Talia Head (California Polytech State University) who presented a poster titled: *Proteomic analysis of the crustacean molting gland (Y-organ) over the molt cycle*. The division continues to like selecting the most competitive oral presentations and grouping them into a single session. We believe it has succeeded in increasing the profile of these talks. We also started a new program of “Lunch with a Comparative Endocrinologist” that paired several students and/or postdocs with an established member of our division. The program, spearheaded by Christine Lattin, our previous student/postdoc rep, was very well received and will be continued this year.

DCE held its social jointly with the Division of Ecoimmunology and Disease Ecology (DEDE). We continue to run a Data Blitz during the DCE social. The Data Blitz occurs when student competitors present 2 min versions of their talks with the winner chosen by audience applause. This format is very popular with student members and we will continue it this year as well.

The division continues to emphasize the importance of increasing the endowment fund for the Howard Bern lecture. The fund is continuing to grow. The division also decided to continue our contributions to the IFCES (International Federation of Comparative Societies). This is our International society and we collect an extra contribution with our dues each year to fund this obligation.

DCE will co-sponsor 6 symposia again this year. They include: *Evolutionary Story and Art in Science Communication*; *Understanding the Evolution of Endocrine System Variation through Large-scale Comparative Analyses*; *Science in the Public Eye: Leveraging Partnerships*; *Inside the Black Box: The Mitochondrial Basis of Life-history*

Variation and Animal Performance; Behavioral and Physiological Adaptation to Urban Environments. We have 102 abstracts submitted from DCE this year.

DCE held two elections this past year. Kathleen Hunt will become our new chair-elect and Tim Grieves will become our new secretary-elect. We will have turnover in two divisional positions at the end of the 2018 meeting. Brain Walker will take over from Ignacio Moore as the next DCE program officer, and Loren Buck will take over from Michael Romero as the next chair. Finally, Suzanne Austin was appointed as our new divisional student/postdoc representative and Rosemary Knapp was appointed as the DCE representative to the ICB board.

SICB DIVISION OF COMPARATIVE PHYSIOLOGY AND BIOCHEMISTRY (DCPB) REPORT

Officers:

Chair 01/2016-01/2018	Inna Sokolova
Chair-Elect 01/2017-01/2018	Kimberly Hammond
Past Chair 01/2016-01/2018	Stephen Secor
Secretary 01/2016-01/2018	Robin Warne
Program Officer 01/2017-01/2019	Wes Dowd
Student/Postdoc Representative 09/2015-01/2018	Catherine Dayger

Elections and appointments: Congratulations to Marshall McCue (St.Mary's University) on being elected as DCPB Secretary and heartfelt thanks to our current Secretary Robin Warne (Loyola Marymount University) for his outstanding service to DCPB. Many thanks also to our outgoing Student/Postdoctoral Affairs Committee representative, Catherine Dayger (Portland State University) for her outstanding service to the Division. The Division is currently searching for a candidate to take over this important function from Catherine. Valentina Di Santo (Harvard University) continues to serve as the coordinator of the judging for the DCPB Best Student oral and poster presentations for SICB 2018.

Symposia and meeting statistics: DCPB continues to have a strong presence at the SICB meeting. Approximately 10% of the annual meeting program is made up of DCPB-affiliated abstracts, with 104 talks and 90 posters. DCPB members will present at 14 oral sessions ranging from muscle physiology to the complexities of measuring metabolic rates to environmental-omics. In 2018, 44 oral abstracts submitted by Graduate Student members of DCPB (~40% of all DCPB talks, similar to the last year). The Division also notes that 22 oral presentations will be given by individuals who are not currently members of SICB, a positive sign of the Division's visibility and growth potential.

In 2018, DCPB has co-sponsored three SICB symposia on a broad range of comparative topics including "Understanding the Evolution of Endocrine System Variation through Large-scale Comparative Analyses" organized by Maren Vitousek, Michele Johnson, and Jerry Husak, "Inside the Black Box: The Mitochondrial Basis of Life-history Variation and Animal Performance" organized by Karine Salin & Wendy Hood; and "Behavioral and Physiological Adaptation to Urban Environments" organized by Jenny Ouyang & Davide Dominoni.

Awards - Students awards. By tradition, DCPB names the best student presentation competition in honor of an eminent physiologist who has passed away. In 2017, this award was named in the honor of Prof. Otto Kinne, a distinguished marine ecophysiologicalist known for his groundbreaking work on physiological mechanisms of salinity and temperature adaptations and osmoregulation in aquatic organisms. He was also among the first researchers in the field of ecophysiology to investigate the role of non-genetic heritable maternal effects in environmental adaptations long before the term 'epigenetics' became a buzzword. The Otto Kinne Award for the Best Student Paper was awarded to Julia Gauberg for her talk on "Effect of ion-poor water on region-specific paracellular permeability properties of rainbow trout skin". The Otto Kinne Award for the Best Student Poster went to Jonathan Perelmuter for his presentation on "Dopaminergic Modulation of Hearing in the Plainfin Midshipman Fish". The second place and honorable mention went to Eric Armstrong for his talk entitled "Symbiont Photosynthesis in Giant Clams is Strongly Promoted by Host H⁺-Transport" and to Reynolds Kirby for the poster "Changes in Cardiac Mitochondrial Bioenergetics after 24h of Crude Oil Exposure in Sub-adult Mahi-mahi (*Coryphaena hippurus*)". The winners were selected from 72 student presentations, and the judging was coordinated by Valentina Di Santo.

In 2018, the competition will also be organized and judging coordinated by Valentina Di Santo. The 2018 Best Student Presentation Award is named in honor of Bodil Schmidt-Nielsen. 57 students will be competing for this award in 2018.

Awards – George Bartholomew Award. The 2017 George Bartholomew Award was presented to Dr. Michael Sheriff, Assistant Professor at Pennsylvania State University. Michael presented a talk on "Integrating physiology, behavior, and ecology to understand the mechanisms that regulate and limit animal populations" that was a great example of quintessentially integrative research and showed how taking laboratory-based physiology into the real world provides new insights into the ways that organisms function in their native environments and challenge the textbook dogmas. Dr. Sheriff was selected from a highly competitive pool of nominees by the selection committee, composed of Adam Summers (Chair), Alison Sweeney, Marty Martin, Stacey Combes, and Robert Cox.

This year's George Bartholomew Award winner is Dr. Caroline Williams, Assistant Professor of Evolutionary Physiology at the University of California, Berkeley. At the San Francisco meeting she will present the Bartholomew Award Lecture titled "Cold truths: Evolutionary impacts of winter on terrestrial ectotherms." Dr. Williams grew up in New Zealand, completing her BSc and MSc at the University of Otago. She moved to North America where she completed her PhD (2012) on overwintering energetics of Lepidoptera, with Dr. Brent Sinclair at Western University in Ontario, Canada. After conducting her postdoc research on *Drosophila* cold adaptation with Dr. Daniel Hahn at the University of Florida, she began her current position as Assistant Professor at UC Berkeley in 2014, studying evolutionary physiology. Her current research focuses on the role of snow in driving ecology and evolution of insects, and elucidating the biochemical and metabolic origin of life history trade-offs. The selection committee who chose 2018 Bartholomew Award recipient included Adam Summers (Chair), Manny Azizi, Vincent Careau, Marty Martin, and Robert Cox.

The Division greatly appreciates the hard work of the Bartholomew Award Committees in selecting the awardees, and extends sincerest thanks to John Lighton and Robin Turner of Sable Systems International for their continued gracious support of the Bartholomew Award.

Divisional Finances. As of the end of the fiscal year (6/30/2017), DCPB had \$20,929 of unrestricted funds, in addition to the \$4,100 allocation for socials, awards and symposia from the SICB general funds, and \$5,684 from the Bartholomew Fund. These funds will be used to cover the expenses of the Bartholomew Award social, symposium support, student awards and an honorarium and travel reimbursement of the Bartholomew Award winner (amount TBD). This leaves Division in a healthy financial state for the upcoming year.

DCPB Business meeting: DCPB business meeting will be held on Thursday, January 4, from 5:45-6:30 pm in room Nob Hill A/B. In addition to the reports of the Division's officers and committees, the meeting is expected to include the annual reports from the editors of *Comparative Biochemistry and Physiology* and *Physiological and Biochemical Zoology* and a visit from the SICB Executive Committee representatives.

DEDB CHAIR'S REPORT FOR 2017

Prepared by Cassandra G. Extavour

Submitted for the Meeting of the SICB Executive Council, 3 January 2018

New Orleans, LA

DEDB Divisional Officers

Outgoing Chair 2016-2017

Chair-Elect 2018-2019

Secretary 2016-2018

Secretary-Elect 2019-2020

Program Officer 2016-2018

Program Officer-Elect 2019-2021

Student/Postdoc Affairs Committee (SPDAC) Rep.

DEDB Assistant Editor for ICB

Cassandra Extavour

Kim Hoke

Julia Bowsher

Prashant Sharma

Yuichiro Suzuki

Matthew Rockman

Amaneet Lochab

David Plachetzki

I. 2017 SICB Meeting, New Orleans, LA

Two outstanding DEDB student presentations were given awards at last year's meeting; there were no honorable mentions. The winners of these awards and the titles and author lists of their presentations are as follows:

Best Student Oral Presentation:

Student Name: **Adam Johnson**

Presentation # 1379

Johnson, AB, Fogel, NS, Lambert JD.

How the mollusk shell margin controls shell shape

Best Student Poster Presentation:

Student Name: **Amber Rock**

Presentation # 507

Rock AN, Stephensen TQ, Dubuc TQ, Martindale MQ

The Cnidarian Hox Gene Anthox6a Controls the Site of Gastrulation in the Sea

Anemone, *Nematostella vectensis*

II .2018 SICB Meeting, San Francisco, CA

IIA. Symposia 2018

DEDB will be supporting four symposia at this year's meeting that address DEDB-relevant themes:

S1: From small and squishy to big and armored: genomic, ecological and paleontological insights into the early evolution of animals (SICB-wide)

Organizers: Erik Sperling and Kevin Kocot

January 4, 2018

S3: Evolution in the dark: unifying understanding of eye loss

Organizers Megan Porter and Lauren Sumner-Rooney

January 4, 2018

S4: Science Through Narrative: Engaging Broad Audiences (SICB-wide)

Organizers: Sara Elshafie, Bram Lutton and Stuart Sumida

January 5, 2018

S8: Integrative Biology of Sensory Hair Cells

Organizers: Duane McPherson and Billie Swalla

January 6, 2018

IIB. 2018 Satellite Workshop

SICB and DEDB member Gunter Wagner (Yale University) has organized a workshop on *The Origin of Cell Types*, to be held during this year's meeting on Saturday, Jan 6, 6:30PM-9:30PM. Dr. Wagner has raised funds independently to cover the costs of the workshop. DEDB's support of the workshop has been in the form of providing a liaison with SICB administration and advertising the workshop to SICB and DEDB members via the newsletter.

IIC. 2018 Student Participation

We received 42 abstracts requesting oral presentations, and 28 abstracts requesting poster presentations. Program Officer Yuichiro Suzuki organized these into six oral sessions and three poster sessions. 14 oral presentations abstracts were submitted for consideration for the Best Student Presentation (BSP) competition, and eight of these were selected for competition. These BSP talks will be presented in a single session on Friday, January 5, 1:30PM-3:30PM, and will be evaluated by a panel of DEDB judges. The names of the presenting students and their presentation titles are listed below.

ID#	Name	Title
1213	Arun Chavan	Evolution of embryo implantation was enabled by the origin of decidual cells in eutherian mammals
1359	Amber Rock	The maternally expressed Hox gene <i>Ax6a</i> is required for gastrulation and the formation of bilateral symmetry in the cnidarian <i>Nematostella vectensis</i>
1449	Anne-Frances Armstrong	The beginning of the end: gene expression changes in the evolution of non-feeding larvae
1139	Allan Carrillo-Baltodano	Decoupling Brain from Nerve Cord Development in the Annelid <i>Capitella teleta</i>
485	Miguel Salinas-Saavedra	Is the maintenance of cell polarity coupled to stable cell-cell adhesion? Insights from early branching metazoan embryos.
121	Amanda Powers	Two unusual mechanisms explain cranial bone fragmentation in cavefish
853	William Colgan	Evolution of Chordate Heart Gene Regulatory Networks
863	Connor Sears	The RNA Architecture of Life in the Dark: A Transcriptomic Assessment of Varying Photic Conditions in the Blind Mexican Cavefish, <i>Astyanax mexicanus</i>

DEDB SPDAC representative Amaneet Lochab has organized the seventh annual iteration of the DEDB “Evo-Devo Dinner Dates,” which offer student researchers the opportunity to get to know senior career stage researchers during the SICB meeting. Over 50 students have signed up for this program at the 2018 meeting.

IID. 2018 Business Meeting

We will hold our annual business meeting this year on Thursday, January 4, 5:45-6:30PM.

IIE. 2018 Social

Our social will be held jointly with the MS, TCS, DIZ, and DPCB Divisions, on Saturday, January 6, 6:30PM-8:30PM. The social will be held offsite at a nearby restaurant due to the prohibitive cost of food at the conference site.

III. DEDB Divisional Officer Update

DEDB held elections for the positions of Secretary (for the years 2019-2020) and Program Officer (for the years 2019-2021). Prashant Sharma (University of Wisconsin-Madison) and Matthew Rockman (New York University) were elected to these positions, respectively.

One DEDB Election will be held in 2018, for the positions of Chair (for the years 2020-2021). These elections will be held in the spring of 2018 so that the incoming Chair-Elect is in post before the end of 2018.

The term of Robert Zeller as DEDB Associate Editor for ICB came to an end in 2017. The new incoming DEDB Associate Editor is David Plachetzki (University of New Hampshire), who will serve for the next five-year term.

During 2017, DEDB experienced a change of student/postdoc rep. The original rep, Harvard graduate student Izzy Baker, moved her research from evo-devo to geochemistry. We therefore appointed a new DEDB rep for this position whose research interests are firmly within the evo-devo world: Harvard graduate student Amaneet Lochab. All DEDB officers discussed this change and are in agreement with this change of rep.

IV. 2019 SICB Meeting, West Palm Beach, FL

DEDB will be supporting five symposia at the 2019 meeting that address DEDB-relevant themes. Two of these, organized by Muñoz and Campbell, were selected for society-wide support. As per the initiative to encourage more plant researchers to become

involved with SICB, DEDB is also contributing to the symposium on *Integrative Plant Biology*.

1. Adaptation and Evolution of Biological Materials

Organizers: Rob Campbell and Mason Dean

2. Allometry, Scaling and Ontogeny of Form

Organizers: Fred Nijhout and Kenneth McKenna

3. Multifunctional structures and multistructural functions: Functional coupling and integration in the evolution of biomechanical systems

Organizers: Stacy Farina and Emily Kane

4. Comparative Evolutionary Morphology and Biomechanics in the Era of Big Data

Organizers: Martha Muñoz and Samantha Price

5. Integrative Plant Biology

Organizers: Matt Ogburn and Beth Brainerd

Division of Ecoimmunology and Disease Ecology (DEDE)

Carol Fassbinder-Orth, Chair

Officers:

Chair: Carol Fassbinder-Orth (01/2016-01/2018)

Chair-Elect: Travis Wilcoxon (1/2017-01/2018)

Secretary: James Adelman (01/2017-01/2019)

Secretary-Elect: Ken Fields (01/2018-01/2019)

Program Officer: Greg Demas (1/2017-01/2019)

Program Officer Elect: Cynthia Downs (01/2018-01/2019)

Student/Postdoc Rep: Daniel Becker (09/2015-01/2018)

Student/Postdoc Rep-Elect: Laura Schoenle (06/2017-01/2018)

Division posts:

Elections occurred in Spring 2017, resulting in the appointment of Cynthia Downs as Program-Officer-Elect, Ken Fields as Secretary-Elect, and Laura Schoenle as our Student/Postdoc Rep-Elect. Congratulations to our newly elected officers.

Meeting statistics:

DEDE membership is holding steady at approximately 270-members, with approximately 2/3 of DEDE members being either students or postdocs. I am encouraged by the growth and young demographics of this new division! The young demography of our division has led us to focus many of our divisional activities on networking and communication. In light of this focus, our “Lunch with an Ecoimmunologist” experience will continue this again this year- a big thank you to Daniel Becker for organizing this event that enables trainees to get quality face-time with someone established in the field. Daniel Becker has also helped increase our social media presence (@SICBDEDE) this past year. We now boast 376 followers on Facebook and Twitter (a 64% increase from last year), and will be doing live-tweeting during each DEDE session to help promote the activities of our Division. Lastly, at the 2018 meeting, DEDE will have a good presence, hosting six oral sessions (44 talks) and 36 posters.

Student awards:

We have 23 students competing for the Best DEDE Student Presentation Award this year! Thank you to all the DEDE members that have graciously dedicated their time to serving as judges! We have started a tradition of having the program-officer elect organize the BSP each year to enable the PO-elect to have a solid understanding of the DEDE-related sessions and be able to make great contributions to the division as the Program Officer. We thank Cynthia Downs, our PO-elect for coordinating the judging this year!

Business meeting and Social

The DEDE Division Business Meeting will be held on Thursday, January 4th, at 5:45-6:30 pm in Nob Hill Rooms C-D. The Bern Lecture will be on Friday, January 5th, followed by our social at 8:00 pm. This year, DEDE will be partnering with the Divisions of Comparative Endocrinology (DCE), Animal Behavior (DAB) and Neurobiology, Neuroethology, and Sensory Biology

(DNNSB) for our social at the Thirsty Bear Organic Brewery <http://thirstybear.com>, a short walk from the hotel.

Call for Symposia Ideas:

We are encouraging anyone who has ideas about future symposia topics related to DEDE to talk to any of the DEDE divisional officers. Submissions for symposia at SICB have been declining in number over the last couple of years, and we want to do whatever we can to keep moving our division and the fields of Ecoimmunology and Disease Ecology forward. Even if you don't want to be the one to organize the symposium, but have a good idea that you believe would be pertinent to our division and help increase our divisional membership or attendance, please let us know!

Division of Ecology & Evolution (DEE)

Bob Cox, Chair

1. Officers:

Chair: Robert Cox (1/2017 – 1/2019)

Chair-Elect: Cameron Ghalambor (1/2017 – 1/2019)

Secretary: Michael Dillon (1/2015 – 1/2019)

Secretary-Elect: Martha Muñoz (1/2018 – 1/2019)

Program Officer: Christopher Tracy (1/2016 – 1/2018)

Program Officer-Elect: Michele Nishiguchi (1/2017 – 1/2018)

Student/Postdoc Representative: Ariel Kahrl (1/2017 – 1/2020)

2. Divisional Nominations and Elections:

Secretary: In spring 2017, Martha Muñoz (Virginia Tech) and Zac Cheviron (University of Montana) accepted nominations to run for Secretary-Elect. Martha Muñoz was elected, accepted the post in June, and will take over for Michael Dillon in 2019. Congratulations, Martha!

Program Officer: In 2018, Christopher Tracy will be stepping down as DEE Program Officer. Chris has done a great job representing DEE at programming meetings for the past several years. Thank you, Chris! Michele Nishiguchi will take over as DEE Program Officer. Welcome, Nish!

Upcoming Elections: At the 2018 divisional business meeting in San Francisco, DEE will form a committee to identify candidates for a new Program Officer-Elect and Chair-Elect, with plans to hold elections for these posts in 2018.

3. Presentations from DEE:

At the upcoming meeting in San Francisco, 295 presenters selected DEE as their primary SICB divisional affiliation. These submissions break down to 168 oral, 109 poster, and 17 symposium presentations given by 143 graduate students, 33 undergraduate students, and 118 non-student members of DEE.

4. Sponsored Symposia

DEE will be co-sponsoring five symposia at the upcoming meeting in San Francisco:

Jan 4 - *From small and squishy to big and armored: Genomic, ecological and paleontological insights into the early evolution of animals* (organizers: David Williams and Natalie Holt)

Jan 4 - *Evolution in the dark: Unifying understanding of eye loss* (organizers: Megan Porter and Lauren Sumner-Rooney)

Jan 5 - *Science through narrative: Engaging broad audiences* (organizers: Sara Elshafie, Stuart Sumida, and Bram Lutton)

Jan 5 - *Understanding the evolution of endocrine system variation through large-scale comparative analyses* (organizers: Maren Vitousek, Jerry Husak, and Michele Johnson)

Jan 7 - *Behavioral and physiological adaptation to urban environments* (organizers: Jenny Ouyang and Davide Dominoni).

5. Huey Award – Best Student Presentations

At the 2017 meeting in New Orleans, two DEE students received the Huey Award:

Best Talk: Eric Riddell, Clemson University – *Potential responses to climate change are improved by physiological acclimation of water loss*

Best Poster: Sara McClelland, Duquesne University – *Pesticide-resistant zooplankton do not buffer the effects of chlorpyrifos on amphibian neurodevelopment*

For the 2018 meeting in San Francisco, we had the largest applicant pool to date for the Huey Award, with 48 students submitting abstracts. The DEE Chair formed a judging committee with an eye toward balance in terms of gender, career stage, and biological expertise (Robert Cox, Michael Dillon, Cameron Ghalambor, Ariel Kahrl, Martha Muñoz, Michele Nishiguchi, Eric Riddell, Kimberly Sheldon). The committee selected seven finalists in the oral session and five finalists in the poster session, both scheduled for January 4, 2018 in San Francisco.

6. Beer & Brains

At the 2017 meeting in New Orleans, Mike Sears and Eric Riddell organized the fourth in a series of highly successful “Beer & Brains” mixers for approximately 65 DEE students and faculty at The Maison in the French Quarter.

At the 2018 meeting in San Francisco, Bob Cox and Ariel Kahrl have planned the fifth annual “Beer & Brains” event at Barrel Head Brewhouse in San Francisco. Approximately 46 DEE students and 16 DEE faculty will meet over food and drinks on the evening of January 5 to discuss ecology, evolution, and careers in science and academia.

7. Budget

As of September 30, 2017, the budget for DEE is healthy with a balance of \$5,418. The DEE Chair and Student/Postdoc Representative (Bob Cox & Ariel Kahrl) will allocate approximately \$3,000 of this budget toward the annual Beer & Brains event in San Francisco. This expense is slightly higher than the typical B&B expenditure of around \$2,500 in recent years, but this is necessitated by the higher costs associated with options in San Francisco. We contacted roughly one dozen local venues for price quotes and food/drink options, and attempted to balance cost with convenience while maximizing student participation in the event.

8. DEE Business Meeting

Scheduled for January 4, 2018 from 5:45-6:30 PM in Salon 5-6.

2017 Report, Division of Invertebrate Zoology (DIZ)

John D. Zardus, Chair

DIZ Executive Committee

Chair, John D. Zardus

Secretary, Sarah Berke

Prog. Officer, Linda Walters

Past-Chair, N/A

Past Secretary, Jonathan Allen

Chair-Elect, Ken Halanych

Past Prog. Off., Bruno Pernet

Briefs from the 2017 New Orleans, LA meeting

- DIZ co-sponsored five symposia at the 2017 meeting in New Orleans, LA: 1) *Indirect Effects of Global Change: from Physiological and Behavioral Mechanisms to Ecological Consequences* (**Alex Gunderson, Jonathon Stillman, & Brian Tsukimura**); 2) *Evolutionary Impacts of Seasonality* (**Caroline Williams & Gregory Ragland**); 3) *With a Little Help from My Friends: Microbial Partners in Integrative and Comparative Biology* (**Kevin Kohl & Denise Dearing**); 4) *The Evolution of Arthropod Body Plans – Integrating Phylogeny, Fossils and Development* (**Ariel Chipman & Doug Erwin**); and 5) *Low Spatial Resolution Vision - Function and Evolution* (**Anders Garm**).
- DIZ Best Student Presentation awards committee, chaired by **Anne Boettger**, did another outstanding job with the competition. There were 20 participants in the oral category and 21 in the poster category.

The winners and runners up for the best student presentations were:

1. Best Oral Presentation

Winner: Karina Brocco French. College of William and Mary, Williamsburg, VA. *Density dependent and size specific cannibalism among juvenile echinoderms.* Presentation ID #267, session No. 75-1.

Runner-up: Sara McAnulty. University of Connecticut, Storrs, CT. *Judging a bacterium by its cover: Differential hemocyte binding in the squid-vibrio symbiosis.*

2. Best Poster Presentation

Winner: Anna Klompen. College of William and Mary, Williamsburg, VA. *Do Götte's larvae feed? Culturing indirect developing polyclad flatworms.* Presentation ID #124, session No. P1-88.

Runner-up: Robyn Reeve. Washington State University, Pullman, WA. *Immune function in the sea cucumber *Parastichopus californicus* during visceral atrophy and regeneration.*

3. Adrian M. Wenner Strong Inference Award

Winner: Karina Brocco French. College of William and Mary, Williamsburg, VA. *Density dependent and size specific cannibalism among juvenile echinoderms.* Presentation ID #267, session No. 75-1.

2017 Elections and Appointments

- **Dr. Ken Halanych**, Auburn University, Auburn, AL, was elected to fill the seat that will be vacated by John Zardus in 2018 as our Divisional Chair.

Libbie Hyman Scholarship Committee

- **Chair Jennifer Burnaford** continues doing a wonderful job as chair of the scholarship selection committee assisted by **Will Jaeckle** and **Shanna Hanes**. This year we awarded three scholarships; however, one was declined late in the process (see below).
- **Rachel Weinberg**, a M.S. student in the lab of Sarah Cohen at San Francisco State University, received \$1,740 to attend the 2017 *Taxonomy and Biology of Tunicate Workshop* at the Smithsonian Tropical Research Institute in Bocas del Toro, Panama.
- **Miranda Rep**, an undergraduate student at McDaniel College, received \$795 to help support a summer research experience at the Darling Marine Center of the University of Maine, in Walpole, ME.
- **Laura Spencer**, a first-year graduate student in the lab of Steven Roberts at the University of Washington School of Aquatic and Fishery Sciences, was awarded \$1864 to support participation in the *Comparative Invertebrate Embryology* course at the University of Washington Friday Harbor Laboratories. Unfortunately, because of last-minute changes to the schedules of the technicians who planned to care for her oyster larvae, Laura was unable to leave her home campus for the duration of the five-week course and had to decline the scholarship funds.

Briefs from the 2018 San Francisco, CA meeting

- DIZ is co-sponsoring four symposia: 1) *Science Through Narrative: Engaging Broad Audiences* (Society Wide Designation), 2) *From Small and Squishy to Big and Armored: Genomic, Ecological and Paleontological Insights into the Early Evolution of Animals*, 3) *Evolution in the Dark: Unifying Understanding of Eye Loss*, and 4) *Measuring Biodiversity and Extinction – Present and Past*.
- DIZ was listed as the primary division for 88 contributed presentations.
- 31 students will be evaluated in our Best Student Presentation program (BSP)
- DIZ will be combining with DEPB, DPCB, AMS & TCS in a social (Sat. 6:30-8:30 at the Thirsty Bear, 661 Howard Street)
- Annual divisional discretionary funds will be allocated at the DIZ business meeting following open discussion. As in the past, any funds not expended will be invested in raising the principal of the Libbie Hyman Memorial Scholarship Fund.
- A vote will be taken on a proposal that would alter our voting rules to allow voting to take place by ballot during the spring elections rather than in person at the annual meeting.

- A proposal from **Bob Podolsky** to change procedures for the DIZ best student presentation will be discussed at the business meeting and motion to vote on it later in the spring will be brought forward by the DIZ Executive Committee.

2018 Elections and Appointments

- Election for Secretary to fill the seat that will be vacated by Sarah Berke who's term ends in January 2019.

Division of Neurobiology, Neuroethology, and Sensory Biology (DNNSB)

Submitted by Michael Baltzley, Chair-elect

Chair: Paul Moore, Jan. 2015-2018

Program Officer: Jeff Riffell, Jan. 2017-2020

Secretary: Lisa Mangiamele, Jan. 2016-2019

Graduate Student/Postdoc Rep: Alexandra Kingston, Jan. 2016-2019

Division Posts:

Michael Baltzley has been elected division chair and will begin his term at the 2018 SICB Annual Meeting in San Francisco meeting. At the 2018 Annual Meeting, we will be looking for candidates for Secretary and Graduate Student/Postdoc Rep, to begin at the end of the 2019 Annual Meeting. We will also be looking to replace Rich Satterlie as the Division Assistant Editor for *Integrative and Comparative Biology*.

Co-sponsored Symposia for the 2018 Annual Meeting

- Evolution in the Dark: Unifying Understanding of Eye Loss
- Science Through Narrative: Engaging Broad Audiences
- Sensory Feedback and Animal Locomotion: Perspectives from Biology and Biorobotics
- Science in the Public Eye: Leveraging Partnerships
- Integrative Biology of Sensory Hair Cells

Best Student Presentation competitions

At the 2017 SICB meeting in New Orleans, the division had 7 students participate in the Best Student Presentation oral competition. At the 2016 SICB meeting in Portland, DNNSB had 6 students participate in the BSP oral competition. While in both years the talks were of high quality and were well-attended, the division voted to eliminate extended abstracts for students participating in the BSP oral competition in an effort to attract more students to the competition. For the 2018 meeting in New Orleans, the division had 15 students participate in the BSP oral competition. Led by Jeff Riffle, the division Program Officer, the DNNSB executive committee selected 8 talks for the BSP oral competition session. The Division also has 15 students competing in the BSP poster competition.

Division of Phylogenetics and Comparative Biology Chair's Report at the 2018 meeting

Chair: Kerin Claeson

Chair-Elect: David Blackburn (starting 1/7/2018)

Secretary: David Blackburn

Secretary-Elect: Haley O'Brien (starting 1/7/2018)

Program Officer: Todd Oakley

Graduate Student/Postdoc Rep: Ryan Felice

Workshop:

While in New Orleans, Haley O'Brien (incoming secretary-elect) began a proposal for a manual on Phylogenetic Comparative Methods that would be hosted on the SICB website. We have identified colleagues from around the world, each with a special set of expertise, who will prepare lessons with these manuals. Our goal is to conduct a workshop at the Tampa Meeting in 2019 – Should the workshop take place, we propose sister platform and poster sessions at the 2020 meetings in Austin, Texas. Anybody who attends the 2019 workshop and/or benefits from the workshop materials will be eligible to request inclusion in the session.

Wake award:

Methods for entering the competition went back to a simpler platform – no longer an extended abstract. I did not hear from the program officer about the final number of actual entries to accepted abstracts.

Keeping the division:

Serious discussions are necessary to decide if keeping this division as a stand-alone division is fruitful. The burden to keep it going is on the shoulders of a very few individuals willing to forego the other division meetings to participate in DPCB. The goal of the division is overarching to the entire society and yet it is underserved. Suggestions on ways to reach a higher profile and make an impact are welcome.

Meeting Participation

DVM members submitted ~419 abstracts (combined with DCB) out of the ~1940 received across SICB as a whole, so we continue to be a strong division at over 21% representation.

DVM is co-sponsoring 4 symposia this year! These are:

- 1) ***Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance.*** Organizers: David Williams & Natalie Holt; Sponsors: DCB & DVM
- 2) ***Sensory Feedback and Animal Locomotion: Perspectives from Biology and Biorobotics.*** Organizers: Brett Aiello, Jessica Fox, & Gary Gillis; Sponsors: DAB, DCB, DNNSB & DVM
- 3) ***Science in the Public Eye: Leveraging Partnerships.*** Organizers: Martha Merson, Nick Hristov, & Louise Allen; Sponsors: DAB, DCB, DCE, DEDE, DNNSB & DVM
- 4) ***Science Through Narrative: Engaging Broad Audiences (SICB wide).*** Organizers: Sara Elshafie, Stuart Sumida, & Bram Lutton; Sponsors: DAB, DCB, DCE, DEDB, DEDE, DEE, DIZ, DNNSB, DVM & AMS

As per last year, all DVM student podium presentations competing for the Davis Award will be in one session that is not scheduled opposite any other DVM or DCB sessions. This is a great opportunity for our stellar students to present to the largest possible audience.

DVM members have submitted numerous symposium proposals for the 2018-9 Tampa meeting and we will be supporting five of these.

DVM and DCB also co-sponsored an American Society of Biomechanics symposium in 2017, with details here: <https://asb2017.org/asb-sicb-joint-symposium-insights-from-animal-biomechanics/>

We note also that numerous prominent DVM members are presenting/organizing at this conference below:

- **The 8th World Congress of Biomechanics (WCB)** will be held 8-12 July 2018 in Dublin, Ireland. Abstract deadline is 19 December 2017. Several SICB members are organizing symposia or presenting keynote lectures - see <http://wcb2018.com/programme/tracks/tracks/>. Johan van Leeuwen and Tom Daniel are organizing "*Biomechanics in Nature I, a tribute to Prof R. McNeill Alexander*" and Graham Askew and Andy Biewener are organizing "*Biomechanics in Nature II, a tribute to Prof R. McNeill Alexander*" under the "Emerging Areas" Topic. SICB members are encouraged to consider presenting a talk and attending the meeting.

Funding

As of November 2017, our Davis Fund was \$29,385.18. We have been using that money for Regional Meetings and other expenses, as planned (typically about \$750 contribution/meeting, on request).

We have supported four regional meetings in 2017:

- 1) Southwestern Organismal Biology (SWOB) meeting at Claremont Colleges-
<https://swobmeetings.wordpress.com>
- 2) Midwest Regional Meeting at U of Akron- <http://gozips.uakron.edu/~hastley/midwestSICB.html>
- 3) North-East regional SICB (DVM/DCB) meeting at UMass Lowell-
<https://konowlab.weebly.com/2017-SICB-DVM.html>
- 4) Southeastern regional SICB meeting at Virginia Tech-
<http://www.research.biol.vt.edu/SICB/2017regionalSICB.html>

More regional meetings are under discussion, including a SICB DVM regional meeting in **London at the Natural History Museum, possibly on 11 May 2018** (final details being arranged by the Chair at this moment!). A DVM+DCB event at the Royal Veterinary College (Structure & Motion Lab) is being considered for around that time, as well, to officially open our large new lab annex.

2017 SICB Social event

We had a fun off-site social event in New Orleans in January 2017, organized by the past DVM+DCB chairs. An off-site social event for the 2018 meeting is still in the planning stages, having suffered some unexpected delays, and this is a serious concern. We may approach the 2019 meeting's social very differently.

Committee Positions

L. Patricia Hernandez is now our Chair-Elect, and Brooke Flammang is our Program Officer. Mason Dean will be taking over as Secretary-Elect in 2018, with Laura Ekstrom (Macesic) replacing Andrew Clark as Secretary.

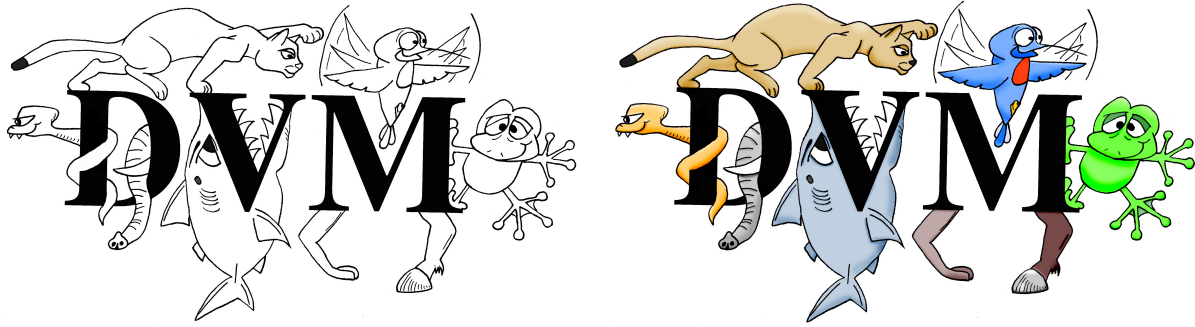
Online Activity

DVM has ramped up its activity online to reach out to the world of those interested in vertebrate morphology. Our students and postdocs (with DCB; spearheaded in part by our own Student/Postdoc Representative Christopher Mayerl) have a vibrant new **Twitter** account:

<https://twitter.com/mechsNmorph> and our public **Facebook** page is more active than ever:

<https://www.facebook.com/groups/273882346051007>.

Furthermore, we asked our members to submit new designs for a **DVM logo** and Prof. Frank Fish kindly came up with these fun colour and B/W designs, which have been rapturously received by members:



These are available on our divisional webpage at <http://www.sicb.org/divisions/dvm.php3>.

PROPOSED AMENDMENTS 2018

deletions = ~~strikethrough~~

additions = **bold underline**

SICB CONSTITUTION

Article III: Administrative Organization

Section 1. Officers: The executive officers of the Society shall be a President, Past President, President-Elect, Secretary, Secretary-Elect, Program Officer, Program Officer-Elect, ~~Past Program Officer~~, Treasurer and Treasurer-Elect. The President-Elect shall be elected before one annual meeting and serve for a term, as hereinafter provided, and shall then successively and automatically become President for two years and then successively and automatically become Past President for two years. The term of the President-Elect shall be two years. The Secretary-Elect and Treasurer-Elect shall be elected triennially, and shall hold office for a term of one year, and then automatically succeed to their elected office for three years. The expiration date of the terms of these offices shall be arranged so that only one of these two officers need be elected in any one year. The Program Officer-Elect shall be elected to serve for ~~one year~~ **two years** and shall then successively and automatically become Program Officer for two years ~~and then successively and automatically become Past Program Officer for one year.~~

SICB BYLAWS

Article VII: Program Officer

Section 1. The Program Officer shall receive and arrange the titles and abstracts of papers submitted for the scientific programs at meetings of the Society.

Section 2. The Program Officer shall, in consultation with the Divisional Program Officers, appoint Chairpersons to preside over scientific sessions.

Section 3. The Program Officer shall oversee the arrangement for and supervise the publication of the programs and abstracts of meetings of the Society.

Section 4. The Program Officer shall chair the Program Committee for the purposes of establishing and organizing the program for the annual meeting.

Section 5. The Program Officer shall serve as an *ex officio* member of the Public Affairs Committee and work with the Public Affairs Committee to broadly advertise the program of the annual meeting.

Section 6. The Program Officer shall serve as an *ex officio* member of the Broadening Participation Committee.

Article VIII: Program Officer-Elect

Section 1. The Program Officer-Elect shall assist the Program Officer in the duties specified in Article VII. In particular, the Program Officer-Elect will **direct the selection of** ~~assemble the symposia of the annual meetings. to be presented the first year after assuming the position of Program Officer.~~

Section 2. The Program Officer-Elect shall assume the duties of the Program Officer in the latter's absence or inability to serve.

~~Article IX: Past Program Officer~~

~~Section 1.~~ The Past Program Officer shall assist the Program Officer in the duties specified in Article VII.

~~Section 2.~~ The Past Program Officer shall assume the duties of the Program Officer in the absence or inability to serve of the Program Officer and Program Officer-Elect.

TRANSITION – not a part of the proposal, but will be published alongside; in 2018 PO-Elect will assume office immediately after the election in May

	2016	2017	2018	2019	2020	2021	2022	2023
S. Williams	Elected	PO-Elect	PO	PO				
next PO			Elected; PO-Elect	PO-Elect	PO	PO		
next PO				Elected	PO-Elect	PO-Elect	PO	PO
next PO						Elected	PO-Elect	PO-Elect

Policy on Societies Cosponsoring the SICB Annual Meeting (revised Nov 2017)

SICB may form an arrangement with other societies to allow their cosponsorship of the SICB annual meeting. SICB members greatly benefit when other societies are able to participate in its annual meeting and when they are able to help in the planning of the meeting. Cosponsorship must be approved by the Executive Officers of the SICB and the agreement between the SICB and the cosponsoring society must be made in writing. This agreement must be updated and reaffirmed in writing each year as appropriate; the target time for this approval will be the month of May of each year. The arrangement recognizes the significant investment of SICB in time and financial resources in planning and executing annual meetings.

Agreement

1. **Payment.** The cosponsoring society agrees to pay a nominal annual fee of \$250 to SICB.
2. **Meeting Program Participation.**
 - a. A cosponsoring society is expected to contribute to the scientific program of the SICB annual meeting through the cosponsorship of symposia. Symposium proposals originate by the cosponsoring society must be cosponsored by a division or divisions of the SICB and must go through the regular approval process established by the SICB.
 - b. A cosponsoring society may have a representative on the SICB Program Committee. The representative will be recommended by the cosponsoring society, but the representative must be appointed by the SICB President as is done by all appointed members of SICB committees. The SICB Program Committee meets in the fall of each year to plan the program for the upcoming annual meeting. Individuals appointed to the SICB Program Committee are expected to participate fully in the planning of the annual meeting. In the case of such appointments to the SICB Program Committee, SICB agrees to cover the costs of accommodations of a representative of the cosponsoring society serving on the committee, but the cosponsoring society agrees to cover the costs of transportation of that individual.
3. **Other Benefits.**
 - a. Full members of the cosponsoring society in good standing can attend SICB annual meetings and pay the SICB full member registration rate (regular SICB member rate, not the SICB loyal member rate). In a reciprocal arrangement, SICB members in good standing will be able to attend the meetings of the affiliated society and pay the affiliated society member registration rate.
 - b. At SICB annual meetings, special student and postdoctoral member meeting registration fees and housing provisions are restricted to SICB Student-in-Training Members, SICB Graduate Student Members, and SICB Postdoctoral Members.
 - c. All other SICB member benefits not covered in this agreement (e.g., subscription to the society journal and access to member-only pages of the website) are restricted to SICB members.
 - d. A cosponsoring society may have an exhibit at the annual meeting and will receive a special discount, making the cost lower than the lowest tier of exhibitor fees. This cost is to be negotiated annually between the cosponsoring society and the Executive Director of SICB.

- e. A cosponsoring society may have a presence in the meeting program materials (e.g., meeting program book and/or the meeting electronic app). This may include a message from the president of the cosponsoring society and a list of the cosponsoring society officers.
- f. The badges of the meeting attendees will reflect the affiliations of the cosponsoring society.
- g. Officers of the affiliated society can send appropriate announcements related to the SICB annual meeting to the Secretary of SICB for society-wide or divisional distribution, so long as the announcement is approved by SICB.