



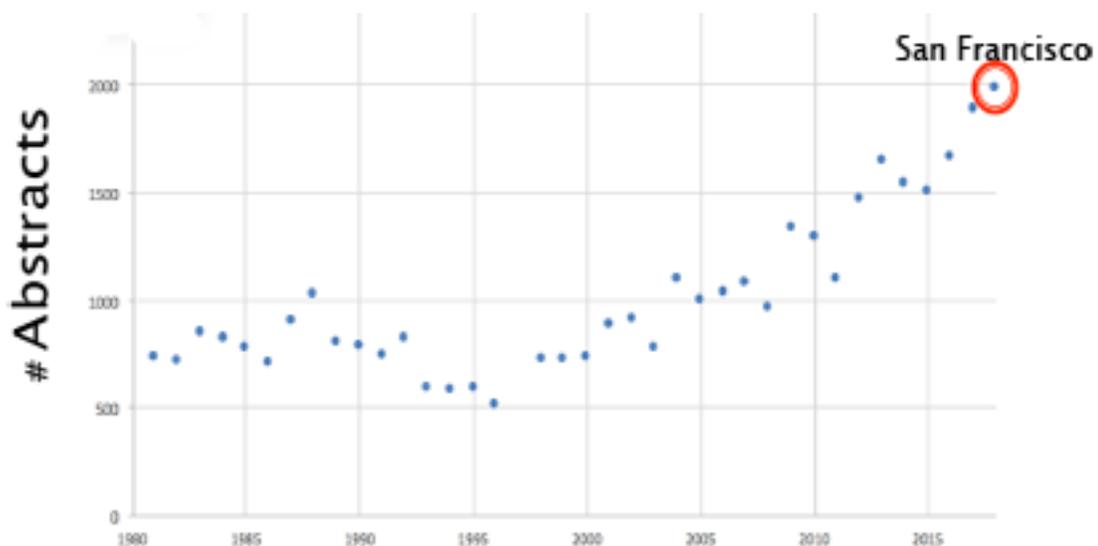
Business Meeting Minutes
6 January 2018, 5:45 – 6:30 p.m.
Marriott Marquis, Salon 7
San Francisco, California

1. The meeting was called to order by SICB President Lou Burnett, at 5:45 p.m.
2. The minutes of the 7 January 2017 SICB Business meeting were approved as distributed (posted on the SICB website at <http://www.sicb.org/resources/minutes.php3>). (MSP John Hutchinson/Sherry Tamone)

President Burnett acknowledged corporate sponsors Oxford University Press, Sable Systems, Wiley Publishers, and Xcitex, and thanked them for their generous support.

President Burnett graciously thanked BAI (Burk and Associates, Inc., the SICB management company), especially Meeting Manager Lori Strong and her team, and SICB Executive Director Brett Burk, for all their hard work before and during the meeting to ensure its success.

3. Officer Reports
 - a. Program Officer – Rick Blob
 - i. The following statistics were presented for the 2018 San Francisco meeting:



- 1989 Submitted Abstracts, the most ever
 - 1902 Presentations (after duplicate removal & cancellations), the most ever
 - 142 Oral sessions (951 talks)
 - 11 Symposia (121 talks)
 - 830 Posters
 - 2306 Pre-Registrants
 - 2491 Total Registrants
- ii. The Program Committee was thanked for their dedication and service in putting together a strong program. Members of the Program Committee: Rick Blob (Program Officer), Susan Williams (Program Officer-Elect), Scott MacDougall-Shackleton & Michele Johnson (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).
 - iii. The organizers of the symposia presented at the meeting were thanked for their diligence and hard work. Symposium organizers: Jenny Ouyang, Davide Dominoni, Julia Sigwart, Brett Aiello, Jessica Fox, Gary Gillis, Maren Vitousek, Michele Johnson, Megan Porter, Lauren Sumner-Rooney, Karine Saline, Wendy Hood, Sara El-Shafie, Stuart Sumida, Bram Lutton, Duane McPherson, Billie Swalla, Martha Merson, Nick Hristov, Louise Allen, Erik Sperling, Kevin Kocot, David Williams, Natalie Holt
 - iv. The staff of Burk and Associates, Inc., the SICB management company, were acknowledged for their exceptional efforts and dedication to making the meeting a success:
 - Brett Burk
 - Lori Strong
 - Raelene Sok
 - Jennifer Rosenberg
 - Jill Drupa
 - Heide Rohland
 - Ruedi Birenheide
 - v. Program Officer Blob also thanked all of the student assistants, who were supported by Mangum funds, for their efforts as photographers, journalists, concierges, technical assistants, etc. and who helped in so many ways to make the meeting a success.
 - vi. Symposia for the 2019 annual meeting in Tampa, FL, were highlighted:

Integrative Plant Biology

Organizers: Matt Ogburn, Beth Brainerd, & Erika Edwards

Playing with Power: Mechanisms of Energy Flow in Organismal Movement

Organizers: Jeff Olberding, Michael Rosario & Stephan Deban

Stress Phenotype: Linking Molecular, Cellular, and Physiological Stress Responses to Fitness

Organizers: Haruka Wada & Britt Heidinger

Allometry, Scaling and Ontogeny of Form

Organizers: Fred Nijhout, Kenneth McKenna

Adaptation and Evolution of Biological Materials

Organizers: Robert Campbell & Mason Dean

The Path Less Traveled: Reciprocal Illumination of Gecko Adhesion by Unifying Material Science, Biomechanics, Ecology, and Evolution

Organizers: Tim Higham, Alyssa Starck & Anthony Russell

Multifunctional Structures and Multistructural Functions: Functional Coupling and Integration in the Evolution of Biomechanical Systems

Organizers: Stacey Farina & Emily Kane

Chemical Responses to the Biotic and Abiotic Environment by Early Diverging Metazoans Revealed in the Post-genomic Age

Organizers: Paul Long, Laura Mydlarz, Beth Okamura

The Scale of Sickness: How Immune Variation Across Space and Species Affects Infectious Disease Dynamics

Organizers: Daniel Becker, Laura Schoenle, Cynthia Downs & Marty Martin

The World is not Flat: Accounting for the Dynamic Nature of the Environment as We Move Beyond Static Experimental Manipulations

Organizers: Timothy Grieves & Rachel Bowden

Comparative Evolutionary Morphology and Biomechanics in the Era of Big Data

Organizers: Martha Muñoz & Samantha Price

Beyond the Powerhouse: Integrating Mitonuclear Evolution, Physiology, and Theory in Comparative Biology

Organizers: Justin Harvid & Geoffrey Hill

- vii. The call for Symposia for the 2020 meeting in Austin, TX, was announced. SICB members, including students and postdocs, were encouraged to plan interesting symposia, and to contact members of the Program Committee and Program Officer-Elect Susan Williams to discuss ideas.
- b. Treasurer – Karen Martin (Note that a more extensive Treasurer’s Report is part of the 2018 Executive Committee Minutes available at <http://sicb.org/resources/minutes.php3>).
- i. The Society continues to be financially healthy and the overall financial picture is stable. Total assets increased last year due to a strong return on investments, and have been relatively constant over the past 6 years, at \$1.5-1.8M, but operations have been in the red for the past four years.
 - ii. Treasurer Martin presented trends over the past 6 years for SICB income and expenses, overall and for different budget components, and for the past 4 years for the 12 named endowment funds. One of her goals as Treasurer has been to bring all named funds into compliance with the Society’s stated minimum of \$25,000, a goal that has now been reached for all but the Wenner fund. The Executive Officers have decided that the Wenner fund will no longer receive investment income from the endowment, and the balance can continue to be used for Strong Inference awards for student presentations in three divisions at the annual meeting; these awards can be sustained for many years even without additional funds.

- iii. The operating expenses of the Society are met by three different sources of revenue: 1) the dues to support administrative expenses, which fall far short of the actual expenditures, 2) the annual meeting, which more or less breaks even in most years, and 3) the journal *Integrative and Comparative Biology*, which provides significant net income.
 - iv. In FY 2017 the annual meeting in New Orleans brought in revenues of \$508,748. With meeting expenses of \$447,303, the 2017 meeting resulted in a net income of \$61,445. For 9 of the past 12 years, the annual meeting has finished in the black; the exceptions are Orlando in 2006, Phoenix in 2007, and West Palm Beach in 2015.
 - v. The third source of revenue, the journal *ICB*, provided an income of \$323,717 in FY 2017, against total expenses of \$103,357. The total net revenue realized from FY 2017 from the journal was \$220,360.
 - vi. FY 2017 was a good one for SICB's invested funds, thanks to a good year for the stock market and continued donations from the members of SICB. SICB investments grew from FY 2016 and totaled \$1,515,314 at the end of FY 2017. Of that amount, \$1,298,021 is committed to the 12 named endowment funds. Donations in 2017 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. Donations in recent years have benefited from campaigns for the Bern, Hyman, and Davis funds.
 - vii. SICB provided a total of \$100,076 in FY 2017 for student support of all types.
 - viii. Division Budgets - Divisions have two separate sources of funds. Part of the SICB membership dues are awarded to each Division based on the number of Division members, and certain Divisions levy additional Division dues. These accrue over time and can be spent at the discretion of the Division officers. In addition, each year each Division receives an allocation of \$2000 to support symposia and \$800 for a social at the annual meeting, but, if not spent, these funds do not roll over or accrue beyond one year. The Treasurer is working on preparing more informative and timely reports (quarterly) to the Division officers regarding their Division funds to facilitate better planning for their appropriate uses.
4. *ICB* Journal Report – Marty Martin (Note that a more extensive *ICB* Editor's Report is part of the 2018 Executive Committee Minutes available at <http://sicb.org/resources/minutes.php3>).
- a. This year, the journal sponsored a very successful pre-meeting workshop to define Stress, and the outcomes will be published in *ICB*.
 - b. The importance of strong symposia to the success of the journal, and thus for SICB's success, was emphasized.
 - c. In 2017, 112 papers were published. The projected number for 2018 is 118 symposium papers plus 10-12 invited papers.
 - d. The final deadline for paper submissions is March 31, 2018.
 - e. Some statistics about paper processing were presented. Almost all papers were accepted, as would be expected.

5. Development Committee Report – Bob Roer

- a. The members of the Development Committee were acknowledged and thanked: Bob Roer (Chair), Karen Burnett, Dar Jorgensen, Karen Martin (Treasurer), Rachel Merz, Tom Daniel, and Brett Burk (*ex officio*).
- b. A summary of donations to the named funds was presented. These funds are very important for SICB, especially for student support. The Development Committee is continuing to recognize donors with ribbons attached to their meeting badges and by acknowledging all donors in the Spring SICB Newsletter, and honoring those who have made large donations at a special reception at the annual meeting.
- c. This year, the Development Committee established targets for fundraising for each SICB named fund based on the amount needed annually and the SICB guideline that 4% of the 5-year average of the fund is available each year to meet that need.
- d. A goal is to establish named awards within the GIAR/FGST framework. For example, a total donation of \$25,000 would support one \$1000 named GIAR or FGST award in perpetuity.
- e. The Committee has now established an “on-demand” online store for apparel and other items with the SICB logo, linked from the SICB home page (<https://sicbstore.qbstores.com>). SICB will receive 50% of sales and this will be split evenly between the Mangum fund and the GIAR/FGST awards to support students.
- f. The Development Committee’s initiatives also include continued promotion of planned and annual giving, sponsoring the Lori Strong Pub Crawl, and sales of polo and T-shirts at the annual meeting.

6. Public Affairs Committee (PAC) Report – Molly Jacobs

- a. PAC Chair, Molly Jacobs, thanked the committee members for their work throughout the year and at the annual meeting. The Public Affairs sponsored activities at the 2018 meeting included a new addition, the Storybooth on lab fails, which was highlighted. Expect more activity on social media in the coming year. (Note that a more extensive PAC Report is part of the 2018 Executive Committee Minutes available at <http://sicb.org/resources/minutes.php3>)

7. New Business

- a. President Burnett noted that the SICB Meeting Code of Conduct was revised for this meeting, based on feedback received during 2017, and comments will be solicited in the post-meeting survey.
- b. President-Elect Brainerd summarized the process used in selecting a founding Editor-in-Chief and Publisher for a new, open-access SICB 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, 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**, the Founding Editor-in-Chief, to present his vision for the new journal:

- Adam reiterated the focus of the new journal will be on research papers that represent the integrative nature of SICB and defines who we are, and is meant to complement ICB. He is soliciting suggestions for the journal's title, as well as nominations for Associate Editors and younger SICB members as Outreach Associates who will engage the scientific community and general public to generate discussion and visibility for papers post-publication. Summers is also recruiting authors now for articles to be published in the first year of the new journal and kick it off successfully.
- c. Student support:
- A total of \$40,000 of SICB funds was provided for GIAR/FGST awards this year. The award winners were announced at the meeting, and a list is posted on the SICB web site at <http://www.sicb.org/grants/giarawards2018.php>.
 - The representatives from Wiley Publishers were asked to stand and be recognized and thanked for supporting all divisional Best Student Paper awards by providing funding and a one-year subscription to one of their journals, relevant to each division.
- d. Sara Lindsay, President of the American Microscopical Society (AMS), reported on AMS activities and announced the 2018 Buschbaum Awards for Photomicrography. The American Microscopical Society (AMS), which is entering its 140th year, was founded to encourage and advance microscopy, and is a co-sponsoring society of the SICB Meeting. Vicki Pearse established the Ralph and Mildred Buchsbaum Award for Photomicrography to recognize excellence in photomicrography. In 2018, there were 28 entries, 14 color and 14 black and white images. AMS thanks all contributors who entered their images in the competition. **James Weaver** is the winner in the color division for his colorized SEM image of a coral skeleton, and **Kevin Kocot** is the winner in the black and white division for an SEM image of an unknown provotiniid mollusk from the Ross Sea. Each award winner will receive a check for \$100 and the winning images will be featured in the AMS-sponsored journal, *Invertebrate Zoology*, during the year.
- e. Bob Full, Editor in Chief of the *Journal of Bioinspiration and Biomimetics*, presented the inaugural Steven Vogel Young Investigator Award, to **David Lentink** of Stanford University. This new award is named in honor of Steven Vogel, a founding editor of the journal, for a young investigator (within 10 years of completing the PhD) who had made important contributions to the field.
- f. President Burnett called for any other New Business from the floor.

8. Recognition of Lecturers and Awards

Lectures:

- **Opening Plenary – Carl Zimmer**, *Science and Scandal: Reporting on Biology in an Age of Controversy*
- **Howard Bern Lecture – David Norris, University of Colorado Boulder**, *Five Decades of Environmental Comparative Endocrinology*
- **John A. Moore Lecture – Katayoun Chamany, The New School for Liberal Arts, NY**, *From STEM to STREAMD: Responsibility, Arts, and Design for Inclusive Learning* (January 7th at 3:45-4:45 p.m., in Salon 7); members were encouraged to attend.

Awards:

- **George A. Bartholomew Award – Caroline Williams, University of California Berkeley**, *Cold Truths: Evolutionary Impacts of Winter on Terrestrial Ectotherms*
- **M. Patricia Morse Award for Excellence and Innovation in Science Teaching – William Hoese, California State University Fullerton**; this award will be presented at the Moore Lecture on Jan 7th.
- April Hill, Chair of the **Dorothy M. Skinner Award** Committee, presented the 2018 award (a plaque and check) to **Kirstin Brink, University of British Columbia**. The members of the committee – April Hill (Chair), Creagh Breuner, Roslyn Dakin, and Martina Müller – were thanked for their service.
- The 2017 **Libbie H. Hyman Scholarship** awardees –**Miranda Rep, McDaniel College**, and **Rachel Weinberg, San Francisco State University** – were acknowledged.
- Ryan Earley, Chair of the Student Support Committee, announced the winners of the **28 Grant In Aid of Research (GIAR)** and **7 Fellowship of Graduate Student Travel (FGST) Award Winners** (a list is posted on SICB website at <http://www.sicb.org/grants/giarawards2018.php>)

President Burnett noted that this year one GIAR award was named in honor of Steven Vogel; **Sarah Amonett**, Dept. of Biology, University of Mississippi received the 2018 Steven Vogel Award.

9. Recognition of Service:

A. Committee members completing their service (*each received a certificate*):

- Members rotating off the **ICB Editorial Board**
 - **Henry John-Alder (DCE)**
 - **Rich Satterlie (DNNSB)**
 - **Bob Zeller (DEDB)**
 - **Jun Kitano**
 - **Berry Pinshow**
 - **Julia Sigwart**
 - **Jonathon Stillman**

- Members rotating off the Student/Postdoctoral Affairs Committee
 - **Dan Becker (DEDE)**
 - **Helen Chmura (DAB)**
 - **Catherine Dayger (DCPB)**
 - Members rotating off the Student Support Committee
 - **Ryan Earley, Chair**
 - **John Bertram**
 - **Matthew Lovern**
 - **Cynthia Downs**
 - **James Strother**
 - Members rotating off the Public Affairs Committee
 - **Molly Jacobs, Chair**
 - Members rotating off the Membership Committee
 - **Sarah Berke, Chair**
- B. Recognition of Divisional Secretaries whose terms end, by SICB Secretary Kathy Dickson (*each received a certificate*):
- **Michele Johnson, DAB**
 - **Andie Ward, DCB**
 - **Robin Warne, DCPB**
 - **Andrew Clark, DVM**
- C. Recognition of Divisional Program Officers whose terms end, by SICB Program Officer Rick Blob (*each received a certificate*):
- **Jake Socha, DCB**
 - **Ignacio Moore, DCE**
 - **Christopher Tracy, DEE**
 - **Elizabeth Davis-Berg, AMS representative**
- D. Recognition of SICB Executive Committee Members whose terms end, by SICB President Lou Burnett (*each received a plaque*):
- **Rick Blob, Program Officer**
 - **Kathy Dickson, Secretary**
 - **Jennifer Burnaford, Member-at-Large**
 - **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**