You are invited to contribute to the 2015 Annual Meeting of the Society for Integrative and Comparative Biology. To maintain the excellent scientific quality of this meeting, you are encouraged to begin your preparation early.

LOCATION

The meeting will be located at the Palm Beach County Convention Center in Palm Beach, FL which is located within walking distance of many restaurants and shops.

EXHIBITS '15

There will be an exhibition at the Annual Meeting. For further information on exhibiting, contact Siobhan Tabor (stabor@burkinc.com) at the SICB Business Office 800-955-1236; (703) 790-1745; FAX (703) 790-2672.

PLENARY SESSION

The Plenary Session will be held on Saturday, January 3, and will be given by Kenneth P. Sebens. Dr. Sebens is a Professor in the University of Washington Department of Biology, Seattle, and Professor in the School of Aquatic and Fishery Sciences.

SYMPOSIA

Following is the list of 2015 Symposia:

- Physiology in Changing Landscapes: An Integrative Perspective for Conservation Biology. Organizers: Christine Madliger & Glenn Crossin & Oliver Love; Sponsors: DCE & DCPB
- Integrative Biology of the Crocodilia. Organizer: Valentine Lance; Sponsors: DAB, DCPB, DEDB, DNB, DNE & DPCB
- Unsteady Aquatic Locomotion with Respect to Eco-Design and Mechanics. Organizers: Frank Fish & Paolo Domenici; Sponsors: DCB, DVM & DIZ
- Leading Students and Faculty to Quantitative Biology Through Active Learning. Organizers: Lauri Miller & Lindsay Waldrop; Sponsors: SICB Wide; DAB, DCB, DCPB, & DVM
- Chemicals that Organize Ecology: Towards a Greater Integration of Chemoreception, Neuroscience, Organismal Biology, and Chemical Ecology. Organizers: James Murray & Russell Wyeth; Sponsors: DNB, DCPB and DIZ
- Linking Insects and Crustaceans: Comparative Physiology of the Pancrustacea. Organizers: Jon Harrison & Sherry Tamone; Sponsors: TCS, AMS, DIZ, DEDB, DPCB, & DCE
- New Insights into Suction Feeding Biomechanics and Evolution. Organizers: Tim Higham & Peter Wainwright; Sponsors: DCB, DIZ, & DVM

Abstract Submittal: www.sicb.org/meetings/2015/abstracts/
MEETING FORMAT

2015 Notes:
1) Oral Presentations will be 15 minutes
2) Lunch will run from 12:00 to 1:30
3) Poster session will take place between 3:30-5:30
4) You may present using your own laptop, but change-over time will be deducted from your presentation time.

The Annual Meeting will encompass three types of scientific sessions.

Poster Presentations: Poster sessions will be grouped by subject and presented at times designated. There will be three different poster sessions, each occurring in the afternoon from 3:30-5:30 PM. Authors will be assigned to one of the three poster sessions and must be present to stand by their posters for questions and answers during this session. For poster presentations, submit an abstract and check the appropriate box.

Oral Presentations: Presenters can choose between a 15 minute or 5 minute talk.

15 min Oral Presentations: These standard SICB oral presentations will be arranged by the program officers according to topic (primarily the first topic word selected). Please ensure that your talk allows at least a few minutes for questions. The 15 min time limit will be strictly enforced by the session chairs. For 15 min Oral Presentations, submit an abstract and check the appropriate box.

5 min Oral Presentations: Three divisions (DVM, DCB, and DPCB) have chosen to include sessions comprised of 5-minute “flash presentations” in the 2015 meeting. These should only cover 1-2 points in very few slides. These presentations will be arranged by the program officers according to topic (primarily the first topic word selected). The topic chosen should fit within the purview of DVM, DCB, or DPCB. The 5 min time limit will be strictly enforced by the session chairs. For 5 min Oral Presentations, submit an abstract and check the appropriate box.

Symposia: Symposia are pre-arranged sessions in which the speakers have been invited by the symposium organizers. If you are presenting in a symposium, you must submit an abstract, and indicate which symposium you will be in.

WHO MAY PRESENT? and HOW MANY PRESENTATIONS ARE ALLOWED?

Attendees who are members of one of the contributing societies may present one oral and one poster presentation. A second oral presentation (allowing three total presentations) will be allowed if the topic of one of the presentations falls into F.1. (education) or F.2. (policy) topics. Symposium speakers also may give one contributed oral and one poster presentation, in addition to their symposium presentation. If you are not a member, you may give one presentation (oral or poster). Abstracts for each presentation must be submitted separately.

Student members must be sponsored by a Full member to present a paper or poster.

Questions concerning eligibility to make a presentation should be directed to the SICB Program Officer, Sherry Tamone, at programofficer@sicb.org or Lori Strong at LStrong@BurkInc.com

SUBMISSION GUIDELINES

Abstracts must be submitted via the web at www.sicb.org/meetings/2015/abstracts/.

Symposia speakers must use www.sicb.org/meetings/2015/abstracts/symposia.php and identify their talk from a list of speakers.

Please carefully follow any special instructions for inserting special characters (e.g., italics, diacritical marks, or other symbols) into abstracts submitted via the web. SICB cannot be responsible for inserting such special characters and symbols.

Presenting Author
Enter your name, institution, department, mailing address, telephone number (mobile preferable), and e-mail address in the appropriate boxes on the Abstract/Transmittal Form. SICB will send all correspondence for the 2015 Annual Meeting to the e-mail address provided. If you change your address during the period between submission of your abstract and the meeting, please contact the SICB Business Office to update your records.

Primary Division/Society Affiliation
If you are a member of SICB, check a divisional affiliation appropriate for your abstract. If you belong to an affiliated or co-sponsoring society, please indicate using the checkboxes.

Contributed Presentation Format
Select whether your presentation is to be oral only, poster only, or either. Checking the “either” box will give the program officers greater flexibility.

Audio/Visual Requests
Computer projectors will be present in all presenting and practice rooms. Please indicate if you plan to use audio during your presentation. Note that a computer will be provided for each session; therefore, you can bring your presentation on a CD or memory stick. Everyone is required to visit the ready room prior to his/her presentation to upload their presentation and ensure that the presentation will work on the computer and projector that are provided. Should you elect to bring your own computer, you will be responsible for computer set-up in the meeting room and any time used will be deducted from your presentation time. NOTE: Speakers using special software or large MAC videos may wish to present using their own laptop. It will be possible to connect these near the podium, but you must bring your own cables and adaptors, and you will be responsible for making these connections. Allow extra time in your presentation to do this setup.

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Topics of Session

SICB Contributed Papers and Posters will be arranged by TOPIC. There are eight major topic groups and each topic group contains sub-topics. Select three sub-topics that best characterize your presentation and rank them in order of preference (e.g. A.1, A.6, D.12). Your contribution will be grouped with similar presentations by the Program Committee. If your presentation is more closely related to a symposium, please select “I” as your first choice then select the symposium in the pop-up box below the topic boxes. The first TOPIC (letter) and first sub-topic you choose will be most important in determining into which session you will be programmed. If you choose “I-Symposium Related” your abstract will be reviewed by the symposium organizer and if it is rejected by organizer, then the Program Officer will place the talk in an appropriate session based upon your 2nd and 3rd topic choice.

A. Behavior and Neurobiology
1. animal communication
2. behavioral ecology
3. behavioral genetics
4. evolution of behavior
5. neuroethology
6. mechanisms of behavior: developmental
7. nervous system structure & function
8. neurobiology
9. parental behavior
10. reproductive behavior

B. Biomechanics and Morphology
1. performance and ecomorphology
2. evolution of form and function
3. feeding and digestion
4. growth and scaling
5. locomotion and adhesion
6. movement through and of fluids
7. sensorimotor structure and integration
8. structure and mechanical design
9. ventilation and circulation

C. Development
1. cell differentiation
2. fertilization
3. metamorphosis
4. morphogenesis

D. Ecology and Environmental Biology
1. biodiversity
2. biogeography
3. bioindicators and pollution
4. conservation biology
5. chemical ecology
6. community ecology
7. coral reef biology
8. larval ecology
9. biophysical ecology
10. population ecology
11. symbiosis
12. Special Session: Sally Woodin and soft-sediment ecology

E. Evolution
1. adaptation
2. character development and evolution
3. cladistics/phylogenetic analysis
4. co-evolution
5. evolutionary morphology
6. comparative genomics and proteomics
7. evolutionary developmental biology
8. evolutionary ecology
9. evolutionary paleobiology
10. evolutionary physiology
11. historical biogeography
12. life history evolution
13. macroevolution
14. molecular evolution
15. population genetics
16. sexual selection
17. species and speciation

F. Outreach, Education, and Policy
1. undergraduate biology education, teaching and research
2. history and public policy

G. Physiology and Biochemistry
1. cardiovascular physiology
2. cell and molecular physiology
3. comparative biochemistry
4. digestion and excretion
5. energetics
6. immunology
7. metabolism
8. muscle physiology and biochemistry
9. osmotic and ionic regulation
10. reproductive physiology
11. respiration and acid-base balance
12. thermobiology
13. macrophysiology

H. Endocrinology
1. comparative endocrinology
2. neuroendocrinology
3. hormones and osmoregulation
4. hormones and growth
5. hormones and development
6. reproductive endocrinology
7. hormones and behavior
8. stress
9. environmental endocrinology

I. Symposium Related
1. session related to symposium (see page 1 for list of symposium)

Abstract Submittal: www.sicb.org/meetings/2015/abstracts/
Best Student Presentation Program

Best Student Presentation Awards are given by most SICB divisions and affiliated societies; if you wish to compete, check the Best Student Presentation box and which section you wish to compete in when you submit your abstract. Some sections (DEE, DCE, DAB) program their oral student competition presentations into special sections.

Author Box
Type each author(s) name all in upper case, last name followed by initials, in the appropriate box i.e., HARRISON, JL (Author Box 1), BURK, BB (Author Box 2) and SWALLA, B (Author Box 3). Select the presenting author from the pop up list.

Institution Box
Type the institution(s), and location(s) in upper and lower case in the box. DO NOT include your department, or repeat the city or state when they are already part of the institution(s) name, or the zip code when listing the address(es) of the author(s). Capitalization and punctuation must be as shown in the sample (University of California, San Diego and Smithsonian Institution, Washington, DC).

Title Box
Enter the title of your abstract in the box in upper and lower case.

Abstract Keywords
Keywords are used to develop the index in the Final Program. You must use at least one, but no more than three, keywords to submit your abstract. Enter them in the Keyword 1, Keyword 2, and Keyword 3 boxes. NOTE: This year you are allowed to add 1 keyword of your choosing (if you wish). The complete keyword list will appear when you click the button.

Abstract Box
The abstract will be published as submitted online and in the journal Integrative and Comparative Biology. There should be no margin at the top; keep all text flush left. Enter only the single-paragraph body of the text in the abstract box. DO NOT re-enter your name(s) or institution(s).

Final Notes
The total number of characters including authors, institutions, title, spaces, and abstract body is 2000. The abstract text-body will not be accepted if the total exceeds that number.

To be considered for inclusion in the Program, all poster, oral, and symposium submissions must be received via the website by 3 September, 2014. Submissions for posters, oral presentations, and symposia MUST be made using the SICB website, www.sicb.org/meetings/2015/abstracts/.

The full schedule of presentations, with dates and times, will be posted on the SICB website by the beginning of November.

Meeting Registration
Those submitting abstracts for contributed papers and/or posters must register for the meeting by the deadline of 5 November, 2014.

YOU WILL RECEIVE AN E-MAIL FROM SICB ACKNOWLEDGING RECEIPT OF YOUR ABSTRACT; HOWEVER, IT IS NOT OFFICIALLY ACCEPTED UNTIL YOU REGISTER.

If an email confirmation is not received, your abstract has not been received. Check with the business office (sicb@burkin.com) if you need assistance.

QUESTIONS??

SICB Program Officer: Sherry Tamone, Email: programofficer@sicb.org
SICB Business Office: Toll free: 800-955-1236, FAX: 703-790-2672, Email: SICB@BurkInc.com

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