

**Society for Integrative and
Comparative Biology**

with the

American Microscopical Society

Animal Behavior Society

The Crustacean Society



**SICB 2009
Annual Meeting**

Meeting Dates:

January 3-7, 2009

Boston, Massachusetts

Westin Boston Waterfront Hotel

Highlights

- ◆ Plenary Session on Saturday evening, January 3, followed by a Welcome Reception.
- ◆ The Society-wide Evening Social in Honor of Students and Postdocs will be held Tuesday evening, January 6, at the Westin Boston Waterfront Hotel.
- ◆ Special Lectures:
 - Bartholomew Award/Lecture
 - Howard Bern Lecture
 - American Microscopical Society (AMS) Keynote Lecture

Sessions-Symposia-Social Events

The 2009 Annual Meeting for the Society for Integrative and Comparative Biology (SICB) is an educational and research forum for investigations of biology on a broad comparative scale. The meeting will include many symposia and special programs in addition to hundreds of contributed papers in divisional and topical sessions. Watch the SICB Web site at www.sicb.org for Schedule of Events updates and the posting of abstracts in November, 2008.

Social Events

The Welcome Reception will be held at the Westin Boston Waterfront Hotel.

Special Events

- ◆ Following tradition, there will be a Bartholomew Award/Lecture and a Howard Bern Lecture. The Bern Lecture will feature Peter J. Sharp from the University of Edinburgh, Scotland, and the title of the talk is "Vertebrate photoperiodic signaling."
- ◆ NSF will participate in the 2009 meeting. Their exact program is TBD at this time.

Grad Student/Post Docs Welcome and Meeting Orientation

Saturday, January 3, 2009, 5:30 pm.

"How to get the most out of your SICB meeting."

- ◆ How to find relevant talks/posters during the meetings
- ◆ How to find everyone at the meetings
- ◆ How to approach a "big guy or gal"
- ◆ How to enter or leave a room/move between rooms
- ◆ How to plan your meeting
- ◆ How to get involved in SICB or attend business meetings and the importance of attending the meetings (exposure, recognition)

This will be followed by a lightning round of first timers' questions.

Opening Plenary Session

Saturday, January 3

The Plenary Address will be given by veteran science correspondent and award-winning TV journalist Ira Flatow who is the host of NPR's Talk of the Nation: Science Friday[®]. For more than 35 years he has been reporting and hosting lively, informative discussion on science, technology, health, space and the environment.

Welcome to Boston Reception

The Society for Integrative and Comparative Biology welcomes you to Boston with a reception on Saturday, January 3. The Welcome Reception will follow the Plenary lecture and will be held at the Westin Boston Waterfront Hotel. Light snacks will be provided.

Companion Orientation/Continental Breakfast

All registered companions are welcome to join an informal gathering on Sunday, January 4, from 9:00-10:00 am. A knowledgeable local person will be on hand to let you know about some of the many fascinating facts and sightseeing opportunities in Boston.

SICB Business Meeting

The SICB Business Meeting will take place Monday, January 5, from 5:15 - 6:15 pm.

American Microscopical Society

AMS members are invited to meet for their yearly luncheon. The Keynote Lecture with speaker Dr. Judith Winston is, "Life in the Colonies - the alien ways of colonial organisms," Monday, January 5, 7-8 pm.

SICB Society-Wide Evening Social in Honor of Students and Postdocs

Join your fellow SICB members for a Society-Wide Social on Tuesday, January 6, from 8:00-9:30 pm. Coffee, desserts and fruit will be served and a cash bar will be available.

Graduate Student Workshop

"How to Find a Postdoc Position; How to Apply for an Academic Job"

Okay, you have just spent last 5 or so years earning your doctorate degree or you are finishing up a post-doc, now what. This year's SPDAC workshop "How to Find a Postdoc Position; How to Apply for an Academic Job," will consist of a panel of experts that have served on several faculty search committees and young faculty that have recently completed successful post-doc. This will be a very helpful and informative workshop since we all need to further our training and eventually find a job.

Plenary/Society Wide Symposia

- ♦ Insect Evolution. *Tim Bradley, Supported by DCPB*
- ♦ Hormonal Regulation of Whole-Animal Performance: Implications for Selection. *Jerry F. Husak, Supported by DAB, DCE, DVM*

Symposia

- ♦ Sensory Biomechanics. *Matt McHenry, Supported by DCB, DVM, DNB*
- ♦ The Biology of the Parasitic Crustacea. *Jeffrey D. Shields and Christopher B. Boyko, Supported by Crustacean Society, DEE, DIZ, DSEB, AMS*
- ♦ Biomaterials: Properties, Variation and Evolution. *Brook O. Swanson, Supported by DCPB, DVM*
- ♦ Genomics and Vertebrate Adaptive Radiation: A Celebration of the First Cichlid Genome. *Darrin Hulsey, Supported by DVM, DAB*
- ♦ Psychoneuroimmunology Meets Integrative Biology. *Lynn B. Martin II, Supported by DCE*
- ♦ Evolution of Mechanisms Controlling Timing of Breeding in Animals. *Michaela Hau and Tom Hahn, Supported by DCE, DAB*
- ♦ PharmEcology: A Pharmacological Approach to Understanding Plant-Herbivore Interactions. *Jennifer S. Sorensen and William Foley*
- ♦ Cell-Cell Signaling Drives the Evolution of Complex Traits. *John S. Torday, Supported by DCE, DEDB, DIZ*

Companion registration includes:

- ♦ Welcome to Boston Reception
- ♦ Companion Orientation and Breakfast
- ♦ SICB Society-Wide Evening Social in Honor of Students and Postdocs
- ♦ Access to the exhibit hall

Three Ways to Register

To qualify for discounted early registration fees, registration forms and payment must be received at the SICB Business Office by Friday, November 30, 2008.

1. Register online at www.sicb.org.



2. Register by fax: Fax your completed form with credit card information to (703) 790-2672. VISA, Mastercard, Discover and American Express accepted.

3. Mail your completed form (payable to SICB) with payment to: SICB Business Office

1313 Dolley Madison Blvd., Suite 402
McLean, VA 22101



Mail completed registration form with check, money order, purchase order or credit card information.

Individuals will not be registered, nor will space be held, without full payment.

Registration Fee Categories

If you have been a member of SICB for the last 3 years (2006 to 2008), you qualify for the SICB Loyal Member rate. **If you are just joining SICB or are a former member who has not been a member for the last 3 consecutive years, you qualify for a reduced SICB Member registration rate.** Non-members may join SICB (\$100 dues) and qualify for the member discount. Individuals can renew SICB membership, join SICB, and register for the meeting online.

Category

	Through 11/30	After 11/30
SICB Loyal Member* (member for the last 3 years)	\$250	\$305
SICB Member*#	\$300	\$355
Student Member*	\$ 90	\$120
Postdoc/Emeritus Mbr*	\$200	\$255
Non-member	\$400	\$455
Student Non-member	\$126	\$150
Postdoc Non-member	\$245	\$305
High School and Community College Teachers	\$ 90	\$120

Companion \$ 70 \$ 95

One Day Only \$150 \$200

*Member fees available to people who have paid their 2009 SICB dues.

#Members of co-sponsoring Societies (AMS, ABS, and TCS) are eligible for this SICB Member rate.

Registration

Register now for the 2009 SICB Annual Meeting. Make sure all sections of the conference registration form are complete, and proper payment is included to avoid processing delays. Individuals registering as non-members will automatically receive SICB membership for 2009 as part of their registration.

Full meeting registration includes:

- ♦ Sessions and refreshment breaks
- ♦ Welcome to Boston Reception
- ♦ SICB Society-Wide Evening Social in Honor of Students and Postdocs
- ♦ Access to the exhibit hall

Student meeting registration includes:

- ♦ Welcome and Meeting Orientation
- ♦ Sessions and refreshment breaks
- ♦ Welcome to Boston Reception
- ♦ SICB Society-Wide Evening Social in Honor of Students and Postdocs
- ♦ Access to the exhibit hall

Important Information

- ♦ Plenary Address will occur in the evening prior to the start of the conference
- ♦ Abstracts will only be available online. If a hard copy is desired, it must be ordered and paid for by November 30. It will be available for pick up at the registration desk.
- ♦ Student housing support will require a \$75 co-pay by the participants

Registration Cancellation Policy

All cancellations are subject to a \$50 service charge. Cancellations must be in writing via fax, email or regular mail to the SICB Business Office. Cancellation notices received by November 30 will be refunded total registration fees minus the \$50 service charge and will be refunded after the meeting. No refunds will be issued on cancellations received after November 30.

Registration Confirmation

Confirmation letters will be sent once payment has been received.

Membership Renewal Information

To renew your membership for the year 2009, complete the appropriate section of the Registration Form. If you would like membership information, visit www.sicb.org or contact the SICB Business Office at (800) 955-1236, E-mail: sicb@burkinc.com.

Poster Presentations

Poster sessions, with authors available for questions and answers, will take place each day from 3:00-5:00 pm. Posters will be available for viewing without the authors present for a longer (yet to be determined) amount of time.

Hotel Reservations

The SICB Annual Meeting hotel is the Westin Boston Waterfront Hotel, 425 Summer Street, Boston, Massachusetts 02210. Call 617-532-4600. Rates for this meeting are Single/Double \$129/Triple \$159 and are available December 27, 2008 - January 14, 2009, subject to availability. All reservations must be made by Friday, December 12, 2008 in order to receive this rate. For online reservations, go to the SICB Annual Meeting website (www.sicb.org) where the hotel link is provided.

Parking is available at the Westin with self parking at \$31.00 per day and valet rates at \$41.00 per day. Both self and valet parking have in/out privileges.

Ground Transportation

Taxi fare is currently approximately \$20-\$25 each way to and from the airport for one person; the rate is less if sharing a ride. This price is subject to change. You can also take Boston's "T" subway system, on the silver line, for \$2.00. Take the Silver Line from the airport to the World Trade Center stop, and the hotel is approximately a 5 minute walk from the station. Go to www.MBTA.com for schedule and fare information on Boston's "T" - it is a great way to see the city!

General Information Annual Meeting Program and Abstracts

All registered attendees of the 2009 Annual Meeting will receive a copy of the Annual Meeting Program at the SICB Registration/Information Desk located at the Westin Boston Waterfront Hotel. Copies will not be mailed prior to the Annual Meeting. The full program will be available prior to the Annual Meeting on the Web site at www.sicb.org and attendees can plan their activities from the web. The abstracts will be online and will be published as citable documents online in association with the next issue of Integrative and Comparative Biology. For those who wish to have a hard copy version of the abstracts, it may be ordered prior to the meeting. See the registration form for this option.

Registration/Information Area

The SICB Registration/Information area will be located at the Westin Boston Waterfront Hotel. The hours of operation are:

Saturday, January 3	3:00-8:00 pm
Sunday, January 4	7:00 am-5:00 pm
Monday, January 5	7:00 am-3:00 pm
Tuesday, January 6	7:00 am-3:00 pm
Wednesday, January 7	7:00 am-Noon

Staff is available during these times to assist you with membership enrollment, on-site registration, conference materials, employment opportunity information, meeting room locations, and information on Boston.

Employment Opportunities

The Employment Opportunity bulletin board will be located in the SICB Registration/Information area. The Employment Opportunity board will provide a place for attendees to post "Positions Wanted," and learn about "Positions Available." Interested attendees may schedule interviews in the room set aside for that purpose. See a registration desk attendant for assistance.

Special Student Travel Awards

Go to the SICB web site, www.sicb.org, under meetings for details.

Message Board

A message board will be located in the SICB Registration/Information area. Attendees may also leave messages and announcements for other attendees on the message board. Please contact the Westin Boston Waterfront Hotel and ask for the SICB registration desk to leave messages.

Child Care

If you will be bringing children with you, please contact the concierge at the Westin Boston Waterfront Hotel to arrange for recommended baby-sitting services.

Note that individuals who are oral or poster presenters at the meeting are required to register by no later than November 14, 2008, in order to have their abstract acceptance finalized and their presentation listed in the final program.

Membership Dues

SICB members attending the Annual Meeting must have their 2009 membership dues paid in order to receive the SICB member rate. You may join or renew your membership by using the Continuing Member option or providing membership information below. If you have already paid your 2009 SICB membership dues, you may skip this section. Please submit this form only once for each option. New membership and membership renewal/dues payment is for 2009.

NOTE: You become a member by registering for the meeting as a non-member and filling out this form.

Membership Application/Dues Renewal 2009

Name: (First) _____ (Last) _____

Institution: _____ Dept: _____

Address (for confirmation): _____

City: _____ State/Country: _____ Zip/Postal Code: _____

Business Phone: _____ FAX: _____

Email: _____ Home Phone: _____

Gender: Male Female URL for your Web Page: _____

PLEASE INDICATE IF YOU ARE A CURRENT MEMBER OF THE FOLLOWING SICB CO-SPONSORING SOCIETIES:

American Microscopical Society (AMS) Animal Behavior Society (ABS) The Crustacean Society (TCS)

MEMBERSHIP OPTIONS - ANNUAL DUES (JANUARY 1 - DECEMBER 31, 2009)

Please check the appropriate category below.

- | | |
|---|---|
| <input type="checkbox"/> [01] Non Member Registering for Annual Meeting \$0 | <input type="checkbox"/> [LM] Life Single Member \$3,000 |
| <input type="checkbox"/> [FM] Full Membership \$100 | <input type="checkbox"/> [LM] Life Family Member \$4,000 |
| <input type="checkbox"/> [SS] Student \$36 | <input type="checkbox"/> [FP] Postdoctoral Family \$60 |
| <input type="checkbox"/> High School Student <input type="checkbox"/> Undergraduate Student | <input type="checkbox"/> [SF] Graduate Student Family \$59 |
| <input type="checkbox"/> Graduate Student | <input type="checkbox"/> [FH] Full Family \$140 |
| <input type="checkbox"/> [EG] Emeritus receiving Journal \$70 | <input type="checkbox"/> [EY] Emeritus not receiving Journal \$60 |
| <input type="checkbox"/> [SP] Postdoctoral \$45 | <input type="checkbox"/> 20 year Single Member \$1,500 (Can be paid in three installments of \$500 each within the first 3 years of membership) |
| <input type="checkbox"/> 20 year family \$2,000 | |

If a Family membership, please indicate the name of the spouse who does not receive the Journal: _____

DIVISION AFFILIATION

From the eleven listed below, you may choose a maximum of two divisional affiliations. Please indicate your divisional affiliation(s) with a checkmark:

- | | |
|--|---|
| <input type="checkbox"/> DAB Animal Behavior | <input type="checkbox"/> DEE Ecology & Evolution |
| <input type="checkbox"/> DCB Comparative Biomechanics | <input type="checkbox"/> DIZ Invertebrate Zoology |
| <input type="checkbox"/> DCE Comparative Endocrinology (\$4 dues) | <input type="checkbox"/> DNB Neurobiology |
| <input type="checkbox"/> DCPB Comparative Physiology & Biochemistry (\$5 dues) | <input type="checkbox"/> DSEB Systematic & Evolutionary Biology |
| <input type="checkbox"/> DDCB Developmental & Cell Biology | <input type="checkbox"/> DVM Vertebrate Morphology |
| <input type="checkbox"/> DEDB Evolutionary Developmental Biology | |

PAYMENT OPTIONS

Mail Check Payment to: SICB, 1313 Dolley Madison Blvd., Suite 402, McLean, VA 22101 or Fax to: 703-790-2672

VISA MasterCard American Express Discover

Card Number: _____ Exp. Date: _____

Credit Card Billing Address: _____

Cardholder Name: _____ Signature: _____

SICB 2009 – Annual Meeting

January 3-7, 2009, Boston, MA

SICB Federal Tax #
95-2536887

SICB Member Number: sicb _____ (see mailing label for your member #)
Name for badge: (First) _____ (Last) _____ (Nickname) _____
Institution (for badge)(limit to 18 characters and spaces): _____
Address (for confirmation): _____
City: _____ State/Country: _____ Zip/Postal Code: _____
Business Phone: _____ FAX: _____
Email: _____ If Registering - Companion Name: _____
SICB OR CO-SPONSOR (Please select only one primary affiliation):
 SICB American Microscopical Society Animal Behavior Society The Crustacean Society None
Is this your first SICB Annual Meeting? Yes No

Early Fee Deadline is November 30, 2008

REGISTRATION FEES: (Mark Appropriate Boxes)

	Through 11/30	After 11/30
<input type="checkbox"/> SICB Loyal Member (member for last 3 years; paying dues and registration)*	\$250	\$305
<input type="checkbox"/> Member*#	\$300	\$355
<input type="checkbox"/> Student Member*	\$ 90	\$120
<input type="checkbox"/> High School Student <input type="checkbox"/> Undergraduate Student <input type="checkbox"/> Graduate Student		
<input type="checkbox"/> Postdoctoral/Emeritus Member*	\$200	\$255
<input type="checkbox"/> Non-member	\$400	\$455
<input type="checkbox"/> Student Non-member	\$126	\$150
<input type="checkbox"/> High School Student <input type="checkbox"/> Undergraduate Student <input type="checkbox"/> Graduate Student		
<input type="checkbox"/> Postdoctoral Non-member	\$245	\$305
<input type="checkbox"/> HS/Community College Teacher	\$ 90	\$120
<input type="checkbox"/> Companion	\$ 70	\$ 95
<input type="checkbox"/> One Day Fee <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday	\$150	\$200
<input type="checkbox"/> Hard copy of abstracts (MUST ORDER BY NOV. 30)	\$ 25	N/A

Pre ordered hard copies will be available at the meeting. Note that a CD version is included in the registration fees.

*Member fees available to people who have paid their 2009 SICB dues.

#Members of co-sponsoring Societies (AMS, ABS, and TCS) are eligible for this SICB Member rate.

SPECIAL EVENTS:

	Through 11/30	After 11/30	Total
<input type="checkbox"/> Society for Research on Coelenterates Breakfast	# ___ x\$27	# ___ x\$27	_____
<input type="checkbox"/> AMS Luncheon	# ___ x\$60	# ___ x\$65	_____

PRIMARY INTEREST: Please CHECK NO MORE THAN 3 categories that will appear on your name badge

- | | | |
|--|---|---|
| <input type="checkbox"/> Animal Behavior | <input type="checkbox"/> Evolutionary Developmental Biology | <input type="checkbox"/> American Microscopical Society |
| <input type="checkbox"/> Comparative Biomechanics | <input type="checkbox"/> Invertebrate Zoology | <input type="checkbox"/> Animal Behavior Society |
| <input type="checkbox"/> Comparative Endocrinology | <input type="checkbox"/> Neurobiology | <input type="checkbox"/> The Crustacean Society |
| <input type="checkbox"/> Comparative Physiology and Biochemistry | <input type="checkbox"/> Systematic & Evolutionary Biology | <input type="checkbox"/> Symposium Participant |
| <input type="checkbox"/> Ecology and Evolution | <input type="checkbox"/> Vertebrate Morphology | |

PAYMENT INFORMATION:

Mail Check Payment to: SICB, 1313 Dolley Madison Blvd., Suite 402, McLean, VA 22101; FAX: (703) 790-2672; Web: www.SICB.org

VISA MasterCard Discover American Express

Card Number: _____ Exp. Date: _____

Credit Card Billing Address: _____

Cardholder Name: _____ Signature: _____

**If faxing registration, 703-790-2672,
DO NOT mail original**

Registration Section Total \$ _____
Special Events Total \$ _____
TOTAL FEES ENCLOSED \$ _____

All cancellations are subject to a \$50 service charge. Cancellations must be in writing via fax, email or regular mail to the SICB Business Office. Cancellation notices received by November 30 will be refunded total registration fees minus the \$50 service charge and will be refunded after the meeting. No refunds will be issued on cancellations received after November 30.