



# NEWSLETTER

## Animal Behavior Society

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### ANNOUNCING THE 2005-2006 STUDENT GRANT AWARDS

*Lynette Hart, Senior Member-at-Large, Chair 2005-2006 Student Research Grant Committee*

We received 131 applications this year and had sufficient funds to support 28 proposals. One E. O. Wilson Conservation Award was given at \$1,000, and one Cetacean Award at \$500. Among the Student Research Grants, 13 were funded at \$1000 and 13 at \$500. A committee of 13 ABS members reviewed proposals and funding decisions were based on the scores and evaluations provided by these reviewers: Elena Berg, Penny Bernstein, Dan Blumstein, Dan Cristol, Sylvia Halkin, Lynette Hart, Peggy Hill, Elizabeth Jakob, Chris Maher, Michael Mooring, Jan Murie, Bruce Schulte, and Zuleyma Tang-Martinez..

Thanks to the reviewers and to Shan Duncan for his facilitation of the proposal submission and review process, and to all of the ABS members who have donated funds to this program.

The successful applicants, their academic affiliations and the titles of their research proposals are provided below. Abstracts can be viewed at <http://www.animalbehavior.org/> (Grants link at left)

#### E. O. Wilson Conservation Award

**Alysa J. Remsburg**, University of Wisconsin Madison. *Effects of lakeshore vegetation on dragonfly oviposition site-selection behavior.*

#### Cetacean Behavior and Conservation Award

**Katherine McHugh**, University of California-Davis. *Functions of juvenile groups in bottlenose dolphins (Tursiops truncatus).*

#### Student Research Awards

**Kara Loeb Belinsky**, University of Massachusetts. *Color and song in chestnut-sided warblers: Redundant signals or multiple messages?*

**Sarah Benson-Amram**, Michigan State University. *Social complexity and comparative general intelligence in mammalian carnivores.*

**Carlos A. Botero**, Cornell University. *Behavioral mechanisms that affect paternity in the Tropical Mockingbird (Mimus gilvus).*

**Christopher G. Brown**, Vanderbilt University. *Do trichome-covered fecal cases protect Neochlamisus leaf beetle larvae from arthropod predators? A test of multiple mechanisms using N. platani.*

**Cindy Lee Carlson**, University of Chicago. *Postcopulatory sexual selection and female reproductive strategies in pigtailed macaques.*

**David Cerasale**, Cornell University. *Leptin: a putative role in the regulation of avian migratory behavior.*

**Natalie Doerr**, University of California-Santa Barbara. *Does decoration reuse allow male great bowerbirds to minimize the costs associated with acquiring decorations each season?*

**Stacey Jo Dunn**, University of Idaho. *Inbreeding in the National Bison Range, Montana pronghorn population.*

**Catalina Estrada**, University of Texas. *Antiaphrodisiacs, sexual behavior, and mimicry in Heliconius butterflies.*

**Clinton D. Francis**, University of Colorado. *Avian nesting behavioral adjustments and vocal plasticity in response to anthropogenic noise.*

**Lucy R. Harrison**, Simon Fraser University. *Estrogens in the sea: Impacts on sex changing coral reef fishes.*

**Kristine Kaiser**, University of Miami. *The effect of noise on female mate choice in a Neotropical Hylid frog.*

**Karen M. Kapheim**, University of California-Los Angeles. *The evolution of cooperation and social correlates of individual recognition.*

**Candice Leigh Kerling**, Brock University. *Activity and predator avoidance in Rana sylvatica tadpoles.*

**Stacy Marie Lindshield**, Iowa State University. *The black-handed spider monkey (Ateles geoffroyi ornatus) in a mosaic landscape at El Zota Biological Field Station, Costa Rica.*

**Gustavo Adolfo Londono**, University of Florida. *Effects of temperature and food on incubation behavior.*

**Kara Nuss**, University of Chicago. *Behavioral and hormonal aspects of pair formation in captive Goeldi's monkeys.*

**Kendra B. Sewall**, University of California-Davis. *Vocal learning and barriers to social intermixing.*

**Zachary Stahlschmidt**, Arizona State University. *Do postural adjustments during egg brooding balance the physiological needs of python eggs?*

**Jonathan J. Storm**, Indiana State University. *Here today, feared tomorrow: Maternal environment influences offspring anti-predator behavior in field crickets.*

**Lisa A. Taylor**, Arizona State University. *Bright male coloration as a sexual signal of health and foraging ability in Habronattus jumping spiders (Family Salticidae).*

**Hannah M. Ter Hofstede**, University of Toronto-Mississauga. *The relationship between auditory sensitivity and defense strategy in katydids.*

**Matthew B. Toomey**, Arizona State University. *Seeing red: The function of retinal carotenoids in avian color perception.*

**Justin Charles Touchon**, Boston University. *Reproductive mode variation in a Neotropical tree frog.*

**Jessica Ward**, University of Toronto. *The evolution of specific mate recognition systems in the Brook stickleback, Culaea inconstans.*

**Tyler Wilks**, University of New Hampshire. *Dead reckoning in the Clark's nutcracker (Nucifraga columbiana).*

Applicants may log in to view their grant information and their reviewers' comment(s) at <http://www.animalbehavior.org/> (Grants link at left). ABS provides this feedback as constructive criticism in the hope it may be used to improve future applications.

## BIG THANK YOU TO CONTRIBUTORS!

Nearly \$10,500 was contributed to support the student grant competition. A big thank you to all who contributed (listed below in reverse alphabetical order), including those who donated at the ABS 2005 Silent Auction, which funded three grants.

Marlene Zuk, C. Miriam Yarden, Matthew A. Wund, Sarah K. Woodley, Lori Wollerman, David Sloan Wilson, Robert B. Willey, Gerald S. Wilkinson, Daniel Dean Wiegmann, Linda A. Whittingham, Allison Welch, Stacey L. Weiss, Peter M. Waser, Douglas Wartzok, Jeffrey R. Walters, Jonathan K. Waage, Joanna R. Vondrasek, Sandra L. Vehrencamp, Katerina Vlcek Thompson, Cynthia Lee Tech, Zuleyma Tang-Martinez, Douglas W. Tallamy, Ronald R. Swaisgood, Kimberly A. Sullivan, Joan E. Strassmann, Anita Stone, Jill A. Soha, Charles T. Snowdon, Paul W. Sherman, Michelle Pellissier Scott, Abby L. Schwarz, Stephan J. Schoech, Michael Salmon, Ronald L. Rutowski, Jan A. Randall, A. Stanley Rand, David C. Queller, Diane M. Post, Theresa L. Pitts-Singer, Richard E. Phillips, John B. Phillips, Daniel M. Pavuk, Brian G. Palestis, Scott Nunes, Ignacio Moore, Douglas W. Mock, Jenai Milliser, David B. Miller, Neil A. Mercado, Roger L. Mellgren, Douglas B. Meikle, Patricia B. McConnell, Desmond J. Maynard, Jill Marie Mateo, Susan Weinberg Margulis, Michelle Lee Mabry, Dietland Müller-Schwarze, Jeffrey R. Lucas, Susan U. Linville, Steven L. Lima, Beth E. Leuck, Tom A. Langen, Michael LaFlamme, Astrid Kodric-Brown, Rosemary Knapp, Sabra L. Klein, Jeff E. Klahn, Ellen D. Ketterson, J. Eric Juterbock, Peter G. Judge, Robert E. Johnston, Paul Robert Jivoff, Stephen H. Jenkins, Charles Janson, Rudolf Jander, Elizabeth M. Jakob, Robert G. Jaeger, Mark K. Ikeda, Kathryn Patricia Huyvaert, Richard D. Howard, Katherine A. Houpt, Warren G. Holmes, Matthew Robert Holdgate, Laurie Hiestand, Joseph Haydock, James F. Hare, Kathryn A. Hanley, Gail G. Hall, Sylvia L. Halkin, Renee Robinette Ha, Michael D. Greenfield, Jennifer M. Gleason, Lauren N. Gilson, Robert P. Gendron, Sidney A. Gauthreaux, Carl Gans, Bennett G. Galef Jr., Todd M. Freeberg, Barbara A. Frase, Susan A. Foster, Debra L. Forthman, Roy Fontaine, Millicent S. Ficken, Jennifer H. Fewell, Robert S. Erdmann, Anne L. Engh, Jeff E. Engel, Lee Ehrman, Daniel F. Eberl, Ryan L. Earley, Kathryn J. Dybdall, Peter O. Dunn, Alfred M. Dufty Jr., Christine Marie Drea, Donald A. Dewsbury, Frans De Waal, Carolyn M. Crockett, Brian James Coyle, Richard G.

Coss, Marina Cords, Ethan D. Clotfelter, Anne B. Clark, Elena Choleris, Michael J. Childress, B. Diane Chepko-Sade, Sonia A. Cavigelli, Stacie M. Castelda, Rebecca S. Burton, Lincoln P. Brower, H. Jane Brockmann, Gwenda Lynn Brewer, Patricia L. R. Brennan, Bernard Brennan V, Randall Breitwisch, Godfrey R. Bourne, Peter L. Borchelt, Martin L. Block, Diane Joyner Blackwood, Blaine P. Biedermann, Rebecca K. Beresic-Perrins, Marc Bekoff, Michael D. Beecher, Carmen Bazua-Duran, Charles L. Baube, George W. Barlow, Gregory F. Ball, Russell P. Balda, Kenneth B. Armitage, Terence R. Anthony, Jose Wellington, Alves dos Santos, Jeanne Altmann, John Alcock, Dan Albrecht, Elizabeth Adkins-Regan.

### 2006 DEVELOPING NATIONS RESEARCH AWARDS

Congratulations to this year's Developing Nations Research Grant awardees! Grants of \$700 each have been awarded to Ana Gabela, University of Massachusetts, Amherst, for her research on *Site fidelity and human impact on the medium ground finch (Geospiza foris) on Santa Cruz, Galápagos Islands* and to Rafael Maia Villar de Queiroz, Universidade de Brasília, for his research on *Is perch height a valuable resource for blue-black grassquits?*

### DIRECTION OF CORRESPONDENCE

**ABS Newsletter:** Send general correspondence concerning the Animal Behavior Society to Jan Randall, jrandall@sfsu.edu. Deadlines are the 15th of the month preceding each newsletter. The next deadline is **15 July, 2006**. Articles submitted by members of the Society and judged by the Secretary to be appropriate are occasionally published in the ABS newsletter. The publication of such material does not imply ABS endorsement of the opinions expressed by contributors.

**Animal Behaviour, manuscripts and editorial matters:** Animal Behavior Editorial Office, 2611 East 10th St, Bloomington, IN 47408-2603, USA.

E-mail: lopierce@indiana.edu

**Change of address, missing or defective issues:** Animal Behavior Society, 2611 East 10th St., Bloomington, IN 47408-2603, USA. E-mail: aboffice@indiana.edu, Phone: (812) 856-5541, Fax: (812) 856-5542

### ABS OFFICERS

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## GEOFFROY SAINT HILAIRE PRIZE

The Geoffroy Saint Hilaire prize is awarded every two years by the French Society for the Study in Animal Behaviour (SFECA) to a French or foreign scientist whose work is considered a major contribution to the science of animal behavior. This prize was first awarded to Professor Hans Kummer in 2002 and to Dr. Jean-Louis Deneubourg in 2004.

The Geoffroy Saint Hilaire prize 2006 has been awarded to Jean-Charles Guyomarch who made his entire career as Professor at the University of Rennes I, France. The prize was presented to Professor Guyomarch during the annual congress of the Society, in Bairon (Ardennes, France), 29-31 March, 2006.

Jean-Charles Guyomarch is internationally recognized for his work on Gallinacean behavior. He has particularly studied the vocal communication of these species. Jean-Charles Guyomarch has always been keen to promote the development of ethology. He is the author of the book *Ethologie* (Masson 1995), in which he proposes a modern synthesis of this discipline where behavior is considered as the interface between the animal and its environment. Curious, creative, passionate, Jean-Charles Guyomarch has been a source of inspiration to numerous young scientists in ethology during his entire career.

## ELSIE COLLIAS ADDED AS ABS FOUNDER

The list of Founders of the Animal Behavior Society has been modified so that Nicholas and Elsie Collias are jointly recognized as founders in recognition of the work of Elsie Collias, Ph.D., in collaboration with Nick for many years of ABS service and activity.



## NOMINATE AN OUTSTANDING NEW INVESTIGATOR

The Career Awards Committee solicits nominations from the membership for the Outstanding New Investigator Award. Nomination should include:

1. A letter providing details on why the nominee should be considered for Outstanding New Investigator
2. The nominee's CV
3. Additional supporting letters from colleagues solicited by the nominator.

Send materials to Ken Yasukawa, Past President of ABS, by 1 June, 2006. Members and members-elect of the Executive Committee are not eligible for nomination until 18 months after completion of their service on the Executive Committee.

## ABS FELLOWS CALL FOR NOMINATIONS

The Executive Committee of ABS recognizes outstanding animal behaviorists by electing them as Fellows. To nominate a member of ABS for this honor, submit a letter of nomination and current c.v. to Steve Nowicki, Department of Biology, Duke University, Box 90338, Durham, North Carolina 27708-0325. E-mail: [snowicki@duke.edu](mailto:snowicki@duke.edu). Current Fellows can be viewed at <http://www.animalbehavior.org/> (Fellows link at left).

## CALL FOR SYMPOSIA

### FOR THE 2007 ABS ANNUAL MEETING

Symposium proposals for the 2007 annual ABS meeting, 21-25 July in Burlington, Vermont, should be submitted to the Junior Program Officer by **15 September, 2006**. Information on organizing symposia may be found at the ABS website:

<http://www.animalbehavior.org/ABS/Program/HostGuide/SympGuide.html>.

Symposium proposals may be submitted by e-mail to Jr. Program Officer, Dianna Hews at [dhews@indstate.edu](mailto:dhews@indstate.edu), or to the Department of Ecology and Organismal Biology, Indiana State University, Terre Haute, Indiana 47809.

## CALL FOR RESOLUTIONS

Resolutions that deal with timely and substantive political or social issues that members wish to submit for the consideration of the ABS membership should be submitted by **15 June, 2006**. Submitted resolutions should provide direction to the ABS President to facilitate prompt action and will be evaluated by the Public Affairs Committee for appropriateness. Resolutions will be voted on at the annual business meeting in Snowbird. Approved resolutions reflect the views of the Animal Behavior Society membership and are sent to the appropriate external agencies, organizations, or to the general public. Send resolution proposals to Jill Mateo, Acting Chair of the ABS Public Affairs Committee, University of Chicago, 5730 S. Woodlawn Avenue, Chicago, Illinois 60637, USA, or electronically to [jmateo@uchicago.edu](mailto:jmateo@uchicago.edu).

### NOTICE

Issues of the ABS Newsletter are published *first* on the ABS Web page. To get ABS news *fast*, point your browser to: <http://www.animalbehavior.org/> and select **News and Announcements** from the left menu.

## ANNOUNCEMENTS

### FIRST LATIN AMERICAN ANIMAL BEHAVIOR SOCIETY MEETING, 7-11 OCTOBER, 2006

*Rogelio Macías and Robyn Hudson, LAAC chair and co-host and LAAC member and co-host.*

The Latin-American Affairs Committee (LAAC) of the Animal Behavior Society will organize a fall meeting in Xalapa, Mexico, in order to promote participation of animal behaviorists from the whole continent in the Society, the main objective of the LAAC.

The cost of traveling from abroad, along with increasing difficulties of obtaining a U.S. visa since 9/11, make it difficult for those in Latin American countries to enjoy the experience of our regular summer meeting. This is especially the case for graduate students who are in greater need of such experience as well as those with fewer resources and lower chances to qualify for a U.S. visa.

The meeting is an attempt to bring the society closer to the rest of the continent, and it therefore is aimed to attract attendance from both sides of the U.S.-Mexican border. The proposed format is a small meeting, similar to regional ABS meetings (50-100 people), with single talk sessions and a poster session.

Talks and posters will be in English, the official language of the Society, although questions at the talk sessions could be formulated in Spanish or Portuguese and translated by the moderator if necessary. We intend to promote participation of non-fluent English speakers, as well as keep the meeting attractive to English speakers, which overall will promote an experience and a challenge as close as possible to the experience of regular meetings.

Mexico seemed a natural place to organize this first meeting, given the large group of animal behaviorists in the country and its stepping-stone location, which makes it more accessible from Canada and the United States, and the success of the Oaxaca meeting. This location, however, still makes it difficult for those from farther south in terms of costs and visas. The plan is to organize future meetings in other countries once the project has gained momentum, probably every two years.

The host institution will be the Instituto de Ecología, A.C., co-host of the 2004 Oaxaca meeting, located in the colonial city of Xalapa. The area is surrounded by the cloud forest of the eastern slope of the Sierra Madre Oriental. A biodiversity hotspot, famous for its exuberant vegetation, excellent coffee, delicious “mole,” archeological sites, and extremely friendly and liberal inhabitants, the site is a perfect location for a meeting like this. You can visit the following pages for a quick tour.

<http://www.xalapa.gob.mx/turismo/attractivos.htm>

<http://www.carnaval.com/cityguides/veracruz/xalapa.htm>

[http://www.mexconnect.com/mex\\_/travel/acogan/acjalapa.html](http://www.mexconnect.com/mex_/travel/acogan/acjalapa.html)

Arrival and registration will take place on 7 October, talk and poster sessions will be held on 8-10 October, and optional field trips will be arranged for 11 October.

We will soon send you a second announcement with more detailed information on talk and poster submissions, travel, meeting location, housing, registration cost and procedure, field trips, banquet, and other optional activities.

For obvious reasons we expect a large Mexican attendance, but also from other countries in the rest of Latin America. We also anticipate special interest from those in the United States and Canada who do field work south of the border, or are interested in establishing contact with Latin American scientists. In any case, we appreciate your forwarding this message to any colleague you think may be interested in attending.

The LAAC is aware that the dates might make it difficult for many to travel during the regular semester, but this is unavoidable for several reasons. We expect that those interested will make an effort; we promise you will not be disappointed.



## SUPPORT LATIN AMERICAN MEMBERSHIPS

Make a contribution to the Latin American Membership Fund to help recruit members from Latin America. Each membership costs \$10 (student) or \$24 (professor). Please send your contribution to the ABS Central Office, 2611 East 10th St., Bloomington, IN 47408-2603, noting that your gift is for this program. THANKS in advance to all who contribute. This sort of endeavor is exactly what we, as a society, have decided to make a high priority. If you have questions, please contact Lee Drickamer at [Lee.Drickamer@nau.edu](mailto:Lee.Drickamer@nau.edu).

### NOTICE TO DEVELOPING NATION SCIENTISTS PLANNING TO ATTEND ABS 2006

The Latin American Affairs Committee can provide letters of invitation to help scientists (faculty or students) from developing countries obtain travel funding from their universities in order to attend the ABS meeting in 2006. If such a letter would be useful in helping you to obtain funding, please contact Zuleyma Tang-Martinez at [zuleyma@umsl.edu](mailto:zuleyma@umsl.edu) to request an invitation. Please provide your name and address, as well as the title or topic of the paper you will be presenting at the conference.

### ABS FILM FESTIVAL 2006

If you will be attending the Snowbird 2006 meeting, and are interested in serving as a Film Committee Judge or would like more information about the ABS Film Festival, please contact Todd Freeberg at [tfreeber@utk.edu](mailto:tfreeber@utk.edu), or call 865-974-3975. Information is also posted at <http://www.animalbehavior.org/> (Films link at left)

### JOIN AN ABS COMMITTEE!

If you would you like to volunteer for one of the Society's active committees contact ABS President Stephen Nowicki, Department of Biology, Duke University, Box 90338, Durham, North Carolina 27708-0325, USA. E-mail: [snowicki@duke.edu](mailto:snowicki@duke.edu).

## MEETINGS

### ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS

**2006:** 12-16 August, Snowbird, Utah  
See below and the ABS website for details.  
**2007:** 21-25 July, Burlington, Vermont  
**2008:** August, Snowbird, Utah

### INTERNATIONAL MEETINGS

**2006: International Society of Behavioral Ecology,**  
23-28 July, Tours, France

**2006: 11th Chemical Signals in Vertebrates,** 25-28  
July, University of Chester, Chester, UK

**2006: 3rd European Conference on Behavioural  
Biology -- Physiological Mechanisms in Behavioural  
Ecology,** 4-6 September, Belfast, Ireland,  
<http://www.ecbb.qub.ac.uk/>

**2006: International Society for Comparative  
Psychology,** 31 August-3 September, Christchurch, New  
Zealand. The program of the 13th Biennial Meeting will  
include oral presentations of 20 minutes maximum  
(including questions), symposia, posters and keynote  
addresses.

**2007: International Ethological Conference,**  
15-23 August, Dalhousie University, Halifax, Canada

### ATTENTION AUTHORS

Are you an author or editor of a book related to animal behavior? If so, we would like to list it on the ABS Books by Members Web page ([http://www.animalbehavior.org/ABS/Stars/Books/abs\\_books\\_display.phtml](http://www.animalbehavior.org/ABS/Stars/Books/abs_books_display.phtml)). Listing your book is quick and easy! And remember, if the book is still available, there is a direct link to Amazon.com from the website for interested buyers (and ABS earns up to five percent from purchases made through this link). Send the following information to Jill Mateo ([jmateo@uchicago.edu](mailto:jmateo@uchicago.edu)): Author name(s), book title, publication year, publisher, number of pages, ISBN number (specify whether for hardcover or paperback), and a \*brief\* abstract of the book.

## ATTENTION EARLY PUPPY EDUCATION INSTRUCTORS

The **Purdue University Animal Behavior Clinic** is conducting an online survey to determine current techniques for early puppy education services in the United States and abroad. Your experience and insight is essential in gathering current information pertaining to Puppy Class curriculum, structure and instructor compensation. An online survey can be completed 1 April, 2006, through 1 June, 2006, from the Animal Behavior Clinic website at [www.vet.purdue.edu/animalbehavior](http://www.vet.purdue.edu/animalbehavior).

Results will be accumulated and reported in a future publication.

Please visit [www.vet.purdue.edu/animalbehavior/pages/research/index.htm](http://www.vet.purdue.edu/animalbehavior/pages/research/index.htm) to complete and submit the survey. Contact Jessica Harding, R.V.T. at [jharding@purdue.edu](mailto:jharding@purdue.edu) with questions or comments.

## OPPORTUNITIES

### PAID RESEARCH EXPERIENCE

The E. N. Huyck Preserve and Biological Research Station is offering paid research experience to undergraduate junior and senior biology majors and to a high school biology teacher. Participants will learn about field work in ecology, animal behavior, evolution, and conservation biology, and how new technology can increase knowledge in these fields. Students will conduct research with ongoing projects being conducted by staff and visiting scientists and they will conduct their own projects. Each student project will also have some mapping component. Two positions for twelve weeks of research experience are available for the summer of 2006. Each student will receive a stipend of \$4,000 and free housing on the 2,000 acre preserve. The teacher will receive \$7,000.

TO APPLY: Send a resume, a letter of application and have one letter of recommendation sent by a faculty member or colleague familiar with your abilities to: Richard L. Wyman, Ph.D., Executive Director REU Internship Programs, The E. N. Huyck Preserve and Biological Research Station, P.O. Box 189, Rensselaerville, NY 12147. E-mail questions to [rlwyman@capital.net](mailto:rlwyman@capital.net).

## POSITION AVAILABLE

Full-time Research Associate to administer laboratory and participate in laboratory and field research on birds in the lab of Dr. Ellen D. Ketterson. Three-year commitment and Master's degree or comparable experience required. Duties will include lab administration (permits, billing, keeping accounts, ordering supplies, data management and analysis, hiring of assistants), laboratory work (e.g. hormone assays, genotyping, immune assays), and managing an animal facility. Depending on the season, there is likely to be field work and some may be away from Bloomington. Depending on experience, there may be opportunities to mentor undergraduate research students. Actual duties will reflect the candidate's experience and interests; opportunities for research available. Seeking a cheerful, cooperative, quick, independent, and experienced person with lab and field skills. Position has served as a post-doctoral one in the past, but candidates should understand that research associate duties are part of the job. Start date is 15 June, 2006, with room for negotiation. For further inquiries, please contact Ellen D. Ketterson at [ketterso@indiana.edu](mailto:ketterso@indiana.edu). All applications including CV and names of references with contact information should be sent via e-mail to [malockha@indiana.edu](mailto:malockha@indiana.edu), enter "Ketterson -- RA Position" in the subject line. Indiana University is an equal opportunity affirmative action employer.

### POSTDOC POSITION IN BEHAVIORAL MECHANISMS

We are looking for a postdoc with interests in behavioral mechanisms to work on a large, collaborative zebrafish project in the lab of Emilia Martins (<http://www.indiana.edu/~martinsl>) at Indiana University, Bloomington. The project aims to uncover the genetic, hormonal and biochemical bases of evolutionary shifts in complex behavior seen in comparisons of natural populations of zebrafish and also in comparing the behavior of domesticated and recently wild-caught strains. Individuals with interest and previous experience working with steroid hormones, pheromone biochemistry, quantitative genetics, fish behavioral ecology and/or field work in India are especially encouraged to apply, but other combinations of skills and knowledge backgrounds may also be welcome. The position (including stipend and benefits package) is available as early as 1 July, 2006, and can continue for up to two years.

The successful candidate will join IU's large and active behavior community (<http://www.indiana.edu/~animal>) and a biology department (<http://www.bio.indiana.edu>) especially strong in evolutionary research. Bloomington

is located in the heavily forested hills of south-central Indiana and is renowned for its attractive quality of life and modest cost of living. The cultural environment provided by the university is exceptionally rich in art, music, and theater. Please contact Emilia Martins (emartins@indiana.edu) with any questions. All applications (letter of interest, CV, and contact information for 3 references) should be e-mailed to malockha@indiana.edu, enter "Martins -- Postdoc Position" in the subject line. Please indicate in your cover letter the date at which you are available to begin the position. Review of applications will begin immediately and continue until the position is filled.

***ABSnet***  
**THE ELECTRONIC MAIL NETWORK OF THE  
ANIMAL BEHAVIOR SOCIETY**

ABSnet provides a fast electronic forum for animal behaviorists, and others interested in the study of animal behavior, in a digest or newsletter form. ABSnet provides job announcements, requests for information, computer related news (virus and bug alerts), appropriate software and hardware reviews and news of Society activities and business. ABSnet is not an interactive, listserv-type discussion group, but rather a moderated forum for the exchange of information of interest to animal behaviorists. The digest or newsletter does not replace the official Society hard-copy newsletter sent to all Society members via regular mail. Questions? Ask James C. Ha, University of Washington [jcha@u.washington.edu](mailto:jcha@u.washington.edu). To SUBSCRIBE to ABSnet go to: <http://www.animalbehavior.org> and click on the News and Announcements link on the left, then on the Subscribe/Unsubscribe link under ABSNet and fill out the Web-based form. Links to post an article or view the archives are also available.

**NEW DEGREE PROGRAM IN APPLIED ANIMAL  
BEHAVIOR**  
**University of Illinois (Urbana-Champaign)**

The Master of Science in Biology degree offers a specialization in Applied Animal Behavior. This is an interdisciplinary, interdepartmental program administered through the Masters in Biology Program, with adjunct support from the ASPCA ([www.asPCA.org](http://www.asPCA.org)). It is designed to provide graduate training for careers in applied animal behavior, including academia; companion animal behavior consulting; shelter behavior; training and enrichment for animal shelters, zoo, laboratory and livestock animals; and commercial pet care industries. The curriculum is tailored to meet the course requirements of the Animal Behavior Society for certification as Associate Applied Animal Behaviorists (<http://www.animalbehavior.org/Applied/>). All students are required to develop strong quantitative and experimental skills. Participation in research is mandatory and each student will complete a research project.

This is an in-residence, two-year program. All students must meet the entrance requirements for the Masters in Biology Program (<http://www.life.uiuc.edu/programs/BMP/MS%20in%20Biology.htm>). In addition, successful applicants will provide evidence of animal-related experience, such as sheltering, training, animal exhibiting, etc.

Issues of the ABS Newsletter are published *first* on the ABS Web page. Hardcopies of the Newsletter are delivered by mail and may take weeks to arrive. To get ABS news *fast*, point your browser to: <http://www.animalbehavior.org/ABS/Newsletters/Directory/dir.htm>.

**DID YOU KNOW?**

Purchases via the Amazon.com link on our main Web page, <http://www.animalbehavior.org>, contribute five percent of the total to ABS. If you have books to order and would like to contribute to the Society's efforts at the same time, please consider this option. The Amazon link is found at the bottom of our main page.



# Snowbird 2006

**Registration for the 43<sup>rd</sup> Annual Meeting  
of the Animal Behavior Society,  
12-16 August 2006, Is Now Open**

Download a registration form at  
<http://www.animalbehavior.org/Conference/Snowbird06/>



## Scientific Program Highlights

### Featured Speakers:

Distinguished Animal Behaviorist Address: **Robert Trivers, Rutgers University**

Keynote speaker: **Tim Clutton-Brock, Cambridge University**

Fellows Address: **Carl Gerhardt, University of Missouri**

### Symposia:

*The Evolution of Sensory and Signaling Systems*

Organizers: Tim Wright, Jenny Boughmann, Paige Warren

*Behavioral Syndromes*

Organizers: Andy Sih, Alison Bell, James Chadwick Johnson

### Workshop:

*Data Collection Software*

Convener: Sue Margulis

### Invited Paper Session:

*Primate Behavior Studies and Welfare*

Organizer: Wendy Koch

### Film Festival:

The XXIII Annual Animal Behavior Society Film Festival begins at 8:30 p.m. on Sunday, 13 August, and Tuesday, 15 August.

## Special Events

- A **Reception and BBQ** will be held on Saturday night, 12 August.
- **Scientific posters** will be available all day Monday and Tuesday in a spacious, covered, outdoor venue, three minutes walk from the meeting rooms, where **two poster-session, evening social events (with snacks)** will also take place.
- **Disco nights with cash bars** are currently being arranged with Snowbird Resort.
- The **closing banquet** will be held Wednesday night, 16 August, at an outdoor venue with spectacular views.
- The **Silent Auction** held in Snowbird in 2005 raised \$1,343 for the ABS Student Research Grants program (making possible two additional awards) and \$785 for the Latin American Affairs Committee.

Please bring items to Snowbird to donate to the auction:

(1) books on animal behavior, biology, ecology, conservation, applied animal behavior, etc.; (2) autographed books from ABS authors; (3) items with animal themes (t-shirts, jewelry, calendars, greeting cards, posters, etc.); (4) software useful for members (statistics, data collection, etc.); (5) videotapes for teaching or entertainment with behavior themes; (6) memorabilia from past ABS meetings and members (vintage artifacts); (7) animal photography; (8) animal artwork; (9) statistical consulting; (10) behind-the-scenes tour of a zoo, etc. Donated items will be placed on tables next to bidding forms, or described, if the item is not present.

Contact James Ha ([jcha@u.washington.edu](mailto:jcha@u.washington.edu)) or Renee R. Ha ([robinet@u.washington.edu](mailto:robinet@u.washington.edu)) for further information concerning the auction.

## Registration, Food, Lodging, Transportation

**Registration and Abstract Submission due 5 June, 2006.** Early registration and abstract submission ends at midnight on Monday night, 5 June, 2006. Abstracts will only be accepted from registered participants. Members in good standing may sponsor one contributed submission, either a paper or poster presentation. Symposium talks are not included under this limit.

Be advised that there is a limit on the number of Contributed Talks that can be accepted. ABS bylaws require us to accept talk abstracts in the order received rather than the merits of the abstract or the presenter. You may still submit your most excellent abstract as a contributed poster, but not as a contributed talk, once this limit has been reached. The current limit is set at 200.

Registration fees (US \$) for 2006, as approved by the Executive Committee, are listed below:

|                    | <b>Early</b> | <b>Late</b> |
|--------------------|--------------|-------------|
| Full member        | \$190        | \$270       |
| Student Member     | 86           | 165         |
| Full Non-Member    | 263          | 350         |
| Student Non-Member | 165          | 245         |
| Guest/Spouse       | 65           | 70          |
| Developing Country | 62           | 62          |

**Food:** There are several restaurants on the hotel grounds that range from fast and relatively inexpensive (at least by Snowbird standards) take-out sandwiches and pizza to 45-minute, in-and-out casual or bar sit-down dining to very formal, relaxed (i.e., slow) and expensive penthouse restaurants.

Everyone will have the opportunity to register for a condo that provides full kitchen facilities. There is a food store on site and arrangements can be made to go to a supermarket at the entrance to the canyon to purchase supplies.

We will be making a “cheat sheet” available so that the locations of the best food deals at Snowbird will be known to registrants before they arrive on site, and we will be extending the lunch break by 15 minutes to allow more time for conference participants to forage efficiently at midday.

As they did last year, Snowbird's Aerie restaurant will make available the tremendously popular all-you-can-eat buffet for \$14.95 on Sunday and Monday night. (Tuesday is not possible because of competing demands for the Aerie restaurant.)

**New for this year!!** Daily \$10.00 all-you-can-eat lunch buffet in the El Chanate restaurant. Also new for this year, for those who like a little beer and snacks along with their conversation, the Tram Club bar will be open nightly until 1:00 a.m. with extra staff to serve our members.

**Housing:** Housing will be primarily on site, in either the Cliff Lodge (hotel-style rooms) or the Lodge at Snowbird (condo/kitchen suites). Reservations will be handled entirely by Snowbird staff.

Prices:

\$99/night (\$79/night for a limited number of students) for a hotel-style standard room (2 queen beds) or a studio condo (1 queen bed and kitchen).

\$149 and \$169 for deluxe bedrooms and rooms with spa access (1 king bed)

\$249/night for a one-bedroom suite (2-3 queen/king beds) or a studio-style loft (3 beds and kitchen)

\$299/night for a two-bedroom suite (2-3 queen/king beds) or a one-bedroom condo (3 queen beds and kitchen)

\$349/night for a one-bedroom condo with loft (5 queen beds and kitchen).

Camping is also convenient and inexpensive at National Forest Service campgrounds a few miles up and down the canyon from Snowbird, though reservations need to be made in advance.

**Transportation:** Salt Lake City (SLC) has a major international airport that acts as a hub for Delta Airlines. Consequently, transportation into and out of SLC by air is relatively easy and inexpensive. SLC is also located at the confluence of several interstate highways.

Ground transportation from the SLC airport to Snowbird is provided by Canyon Transportation shuttle vans. The ride to and from Snowbird from the airport or downtown SLC is about 45 minutes, and the cost for the airport run is \$46 roundtrip if booked through Snowbird (\$52 otherwise). Enterprise car rental service is available at Snowbird.

**Things to Do:** Venue for the meeting is in the Little Cottonwood Canyon, Utah, at the Snowbird Ski and Summer Resort in the Wasatch mountains of eastern Utah, in a gorgeous mountain setting, and the luxury hotel, the Cliff Lodge. If you feel lazy, the hotel has an excellent full-service spa, hot tub, two swimming pools, and three bars. Those of you with more energy can hike the many alpine trails on Snowbird's mountainsides, which range from 8,000-11,000 feet above sea level. The mountains are laced with alpine meadows full of colorful wildflowers, usually in full bloom in August, streams, cascades and lakes. Mountain goats, deer, moose and small mammals are often seen and there are many birds for bird watching. If hiking has no appeal, but you would like to enjoy the view from the top, the resort has a tram that will take you to the mountaintop. The adventuresome can hike down or rent trail bikes and have a wild ride down. A gorgeous U.S. Forest Service campground is located 5 miles up the road at Alta (advance reservations required). Other activities include mountain-biking, jogging, tennis, basketball and volleyball, fly-fishing, and helicopter rides. Golf and Salt Lake City are nearby.

**Child Care:** Snowbird runs a children's day camp all summer long, and with advance registration, the children of attendees of almost all ages can be accommodated at "Camp Snowbird."

**For Further Information:** Please have a look at the Snowbird website (<http://www.snowbird.com/>), the Animal Behavior Society website or, if all else fails, contact the Designated Host: Jeff Galef ([galef@mcmaster.ca](mailto:galef@mcmaster.ca)) or (905) 525-9140, ext 23017.