



# NEWSLETTER

## Animal Behavior Society

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publication

Regina H. Macedo, Secretary

Raphael I. Dias, Editorial Assistant

Departamento de Zoologia, Universidade de Brasília  
Brasilia, DF 71745-612 Brazil

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### ANNOUNCING THE 2010 STUDENT GRANT AWARDS

*Alexandra L. Basolo, Senior Member-at-Large, Chair  
2010 Student Research Grant Committee.*

We are pleased to announce the recipients of the 2010 Student Research Grants. We received many high-quality proposals, but as in previous years, the number of applications exceeded the number we could fund. Of the 88 applications submitted, 28 were awarded funding.

Each proposal was evaluated by two independent reviewers. This would be an impossible task without the dedication of a number of wonderful colleagues who volunteered their time to review proposals. I extend a sincere thank you to the following reviewers: Mark Bee, John Byers, Molly Cummings, John Eadie, Scott Forbes, Shala Hankison, Sarah Huber, Elizabeth Jakob, Rosemary Knapp, Susan Lingle, Jeff Lucas, Glauco Machado, Tamra Mendelson, Paul Nicoletto, Peter Nonacs, Steve Nowicki, Gail Patricelli, Jeff Podos, Dan Rubenstein, Ron Rutowski, Scott Sakaluk, Ted Stankowich, Bill Wagner, Haven Wiley, David Wilson and Brian Wisenden. I would also like to thank Shan Duncan for administrative support; Lori Pierce for providing funding details; Jeff Podos (2nd MAL) for administering the Developing Nations Research Awards, reviewing proposals and providing advice; Scott Forbes (3rd MAL) for reviewing proposals and providing expertise for the conservation award; and all ABS members who have donated funds to this program.

The Awardees are listed below.

#### BARLOW AWARD

**Laura Crothers**, University of Texas, Austin.  
*Assessing the roles of male interactions in warning*

*color variation in Oophaga pumilio, the strawberry poison frog.*

#### E. O. WILSON CONSERVATION AWARD

**Robert Found**, University of Alberta. *Behavioural syndromes and application to aversive conditioning of habituated elk.*

#### STUDENT RESEARCH AWARDS

**Michael Butler**, Arizona State University. *Role of neonatal development in adult ornament expression.*

**Daniel Gottlieb**, University of California, Davis. *Evaluating if social factors cause stress associated with enrichment distribution in captive rhesus macaques (Macaca mulatta).*

**Susan Balenger**, Auburn University. *Searching for good genes in the house finch.*

**Eben Gering**, University of Texas at Austin. *Frequency dependence of male harassment.*

**Michael Martin**, University of Maryland Baltimore County. *Speciation in darters (Percidae: Etheostoma): Testing the sensory drive hypothesis.*

**Chandreyee Mitra**, University of Nebraska-Lincoln. *Evolution of phenotypic plasticity in the wing polymorphic field cricket, Gryllus lineaticeps.*

**Christina Toms**, University of Southern Mississippi. *Zebrafish (Danio rerio) personality and the potential influence on social systems.*

**Kara-Anne Ward**, University of Windsor. *Female mate search tactics in long-tailed manakins (Chiroxiphia linearis): a novel tracking system for monitoring social interactions.*

**Eva Wikberg**, University of Calgary. *Facultative female dispersal in Colobus vellerosus.*

**Kevin Loope**, Cornell University. *Polygyny in highly-social wasps: colony adaptation or tragedy?*

**Caglar Akcay**, University of Washington. *Do song sparrows distinguish between defections and retaliations?*

**Ondi Crino**, University of Montana. *The effects of roads on nestling stress physiology and parental behaviors.*

**Justin Henningsen**, University of Massachusetts, Amherst. *Does size matter? Reducing dewlap size in free-ranging green anole lizards to test how a signal affects reproductive success.*

**Cassandra Martin**, University of Nebraska-Lincoln. *The effect of fly parasitism on repeated and multiple mating in female field crickets.*

**Kausalya Shenoy**, University of Kentucky. *Effects of endocrine disruption on the reliability of mating signals in male guppies.*

**Caitlin Stern**, Cornell University. *Paternity loss mitigation: does living near kin confer an associational benefit or a competitive cost in western bluebirds?*

**Dustin Wilgers**, University of Nebraska-Lincoln. *Communicating with wind? Investigating the role of near-field sound in the complex courtship displays of the wolf spider *Rabidosa punctulata*.*

**Richard Milner**, The Australian National University. *Non-independent mate choice via 'stimulus enhancement' in a fiddler crab.*

**Sat Gavassa**, Florida International University. *Can glucocorticoids promote reproductive behaviors?*

**Alex Gunderson**, Duke University. *A test of a model of visual signal efficacy under natural conditions using *Anolis*.*

**Changku Kang**, Seoul National University. *Do moths visually match cryptic pattern on their wings with the background when choosing body orientation.*

**Lindsey Swierk**, Penn State University. *Adaptive responses to constrained mating opportunities.*

**Kimberly VanderWaal**, University of California, Davis. *Bacterial transmission and social networks in giraffe.*

**Lisa O'Bryan**, University of Minnesota. *The food-associated calls of chimpanzees: referential rhetoric or selfish signaling.*

*Jeff Podos, 2nd Member-at-Large, 2010 Student Research Grant Committee.*

Congratulations to the 2010 Developing Nations Research Grant (DNG) awardees! We received eight applications for DNG grants and we were able to fund our top two proposals. We are pleased to make awards to the following applicants:

**Carlos Ibarra-Alvarado**, Instituto de Ecología, Universidad Nacional Autónoma de México. *Comparative sensory ecology of the bats *Pteronotus davyi* and *Pteronotus personatus* (Chiroptera: Mormoopidae).*

**Lilian Manica**, Universidade de Brasília. *Genetic mating system of the socially monogamous blue-black grassquit: sexual selection and extra-pair copulation effects.*

#### CALL FOR ABS MEETING INVITATIONS

ABS is seeking proposals for future meeting venues. Sites can be a resort or hotel, university campus or a mixture of the two. Contact ABS Past President, Molly Morris, Department of Biological Science, Ohio University, Athens, Ohio 45701, USA. Phone (740) 593-0337, E-mail: [morrism@ohio.edu](mailto:morrism@ohio.edu).

#### DONATIONS TO ABS FUNDS

##### BIG THANK YOU TO ALL CONTRIBUTORS!

More than \$8,800 was contributed in calendar year from May 1, 2009 to April 30, 2010 to support the student grant competitions and other ABS activities, as detailed here:

Student Research Grants: \$3,115  
Barlow Award: \$710  
Silent Auction: \$505  
E.O. Wilson Conservation Award: \$714  
Cetacean Behavior and Conservation Award: \$18  
Ethnic Diversity Award: \$564  
Latin American support: \$117  
Latin Travel Grant: \$625  
Unrestricted funds: \$1,189  
Credit card offset donations: \$799  
Genesis Award: \$304  
Tuber Award: \$151

Contributors are listed at the end of the Newsletter in alphabetical order.

#### ANNOUNCING THE 2010 DEVELOPING NATIONS RESEARCH AWARDS

**GEORGE W. BARLOW MEMORIAL  
AWARD FUND**

An endowment fund has been established in memory of George W. Barlow for the purpose of encouraging excellence in graduate student research in the field of animal behavior. The Barlow Award will be given annually to one top-ranked proposal in the Student Research Grant cycle in accordance with the most recent ABS Student Research Grant competition rules. A cash award and a certificate will be given to the student selected. The amount of the Barlow Award will be the maximum amount allowed for a Student Grant Award as specified in the most recent ABS bylaws or policies, regardless of the support amount requested in the proposal. The award will be paid from proceeds (interest and dividends) generated by the George W. Barlow Endowment Fund, which currently stands at \$15,575.

We wish to thank the following people who donated to this Award Fund in calendar year 2009 (listed in reverse alphabetical order): Judy A. Stamps, William Rogers, Michael Kidd, Stephen H. Jenkins, Victor J. De Ghatt, Susan A. Foster, Terry J. Donaldson, Russell P. Balda.

**DIRECTION OF CORRESPONDENCE**

**ABS Newsletter:** Send general correspondence concerning the Society to Regina Macedo, rhfmacedo@unb.br. Deadlines are the 15th of the month preceding each newsletter. The next deadline is **15 July, 2010**. 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 Behavior Society Website:**

The Animal Behavior Society's website has moved to a new domain located at <http://animalbehaviorsociety.org>

**Animal Behaviour, manuscripts and editorial matters:** Animal Behavior Society, 402 N Park Ave., Bloomington IN 47408, USA. E-mail: aboffice@indiana.edu. Phone (812) 856-5541, Fax (812) 856-5542.

**Change of address, missing or defective issues:** Animal Behavior Society, 402 N Park Ave., Bloomington IN 47408, USA. E-mail: aboffice@indiana.edu. Phone (812) 856-5541, Fax (812) 856-5542.

**2009-2010 ABS OFFICERS**

**President:** Michael Ryan, Section of Integrative Biology C0930, 1 University Station, University of Texas, Austin, Texas 78712, USA. Phone (512) 471-5078, E-mail: mryan@mail.utexas.edu.

**First President-Elect:** Susan Foster, Department of Biology, Clark University, 950 Main St., Worcester, Massachusetts 01610-1473, USA. Phone (508) 793-7204, E-mail: sfoster@clarku.edu.

**Second President-Elect:** Joan Strassmann, Department of Ecology and Evolutionary Biology MS-170, 130 Anderson Biology Lab, Rice University, Houston, Texas 77005-1892, USA. Phone (713) 348-4922, E-mail: strassm@rice.edu.

**Past President:** Molly Morris, Department of Biological Science, Ohio University, Athens, Ohio 45701, USA. Phone (740) 593-0337, E-mail: morrism@ohio.edu.

**Treasurer:** Philip Stoddard, Department of Biological Sciences, Florida International University, Miami, Florida 33199, USA. Phone (305) 348-0378, E-mail: stoddard@fiu.edu.

**Secretary:** Regina H. Macedo, Departamento de Zoologia, Universidade de Brasilia, Brasilia, DF 70910-900, Brazil. Phone (+55-61) 3307-2265, E-mail: rhfmacedo@unb.br.

**Program Officer:** Dario Maestriperieri, Evolutionary Biology and Neurobiology, The University of Chicago, 5730 S. Woodlawn Ave., Chicago, Illinois 60637, USA. Phone (773) 834-4104, E-mail: dario@uchicago.edu.

**Junior Program Officer:** Maydianne Andrade, Department of Biological Sciences, University of Toronto Scarborough, 1265 Military Trail, Scarborough, Ontario, Canada M1C 1A4. Phone (416) 287-7425, E-mail: mandrade@uts.utoronto.ca.

**Parliamentarian:** Sue Margulis, Department of Biology, Canisius College, 2001 Main Street, Buffalo, New York 14208, USA. Phone (716) 888-2773, E-mail: margulis@canisius.edu.

**Executive Editor:** William Searcy, Department of Biology, University of Miami, 1301 Memorial Drive, Coral Gables, Florida 33124-0421, USA. Phone (305) 284-2065, E-mail: wsearcy@miami.edu.

**Members-at-Large:**

Alex Basolo, School of Biological Sciences, Nebraska Behavioral Biology Group, University of Nebraska, Lincoln, Nebraska 68588-0118, USA. Phone (402) 472-2720, E-mail: basolo@cricket.unl.edu.

Jeff Podos, Department of Biology, Morrill Science Center, University of Massachusetts, Amherst, Massachusetts 01003, USA. Phone (413) 545-0847, E-mail: jpodos@bio.umass.edu.

Scott Forbes, Department of Biology, University of Winnipeg, 515 Portage Avenue, Winnipeg, Manitoba, Canada R3B 2E9. Phone (204) 786-9441, E-mail: s.forbes@uwinnipeg.ca.

**Historian:** Lee Drickamer, Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona 86011-5640, USA. Phone (520) 523-0388, E-mail: Lee.Drickamer@nau.edu.

## ABS STANDING COMMITTEE AND SUBCOMMITTEE CHAIRS 2009-2010

If you would you like to volunteer for one of the society's active committees listed below contact ABS President Michael Ryan, Section of Integrative Biology C0930, 1 University Station, University of Texas, Austin, Texas 78712, USA. Phone (512) 471-5078, E-mail: mryan@mail.utexas.edu.

### Committee Chairs 2009-2010

**Animal Care:** Trevor Pitcher, Dept. Biology, University of Windsor, 401 Sunset Ave, Windsor Ontario, Canada, N9B 3P4. E-mail: tpitcher@uwindsor.ca

**Board Prof. Cert. Subcom.:** John C. Wright, Certified Applied Animal Behaviorist, Psychology Department, Mercer University, 1400 Coleman Ave., Macon, GA 31207, USA. Phone: (478) 301-2973, E-mail: wright\_jc@Mercer.edu

**Career Awards:** Molly R. Morris, Department of Biological Sciences, Ohio University, Athens, OH 45701, USA. E-mail: morrism@ohio.edu

**Conservation:** Ron Swaisgood, P.O. Box 120551 San Diego, CA 92112-0551, USA. Phone: (760) 291-5431, E-mail: rswaisgood@sandiegozoo.org

**Development:** Jennifer A. Clarke, School of Biological Sciences, University of Northern Colorado, Greeley CO 80639, USA. Phone: (970) 351-2453, E-mail: Jennifer.Clarke@unco.edu

**Diversity:** Zuleyma Tang-Martinez, Whitney R. Harris World Ecology Center, B216 Benton Hall One University Boulevard, St. Louis, MO 63121-4400 USA. Phone: (314) 516-6203, E-mail: zuleyma@umsl.edu

**Education:** Jennifer Mather, Department of Psychology, University of Lethbridge, 4401 University Drive, Lethbridge, AB, T1K 3M4, Canada. Phone: (403) 329-2423, E-mail: mather@uleth.ca

**Film:** Jill Villarreal, 2222 East Circle Drive, Saint Joseph, MO 64505, USA. E-mail: jill.villarreal@rdmo.nestle.com

**Historian:** Lee Drickamer, Department of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011-5640, USA. Phone: (520) 523 0388, E-mail: Lee.Drickamer@nau.edu

**Issues in Applied Animal Behavior:** Stephen Zawistowski, Certified Applied Animal Behaviorist, Executive Vice President, National Programs and Science Advisor, ASPCA, 110 Fifth Avenue, 2nd Floor, New York, NY 10011 USA. Phone (212)876-7700 (ext. 4401), E-mail: stevez@ascpa.org

**Latin American Affairs:** Gabriel Francescoli, Seccion Etologia, Facultad de Ciencias Iguá 4225, Montevideo 11400, Uruguay. Phone: 5982 3071442, E-mail: gabo@fcien.edu.uy

**Membership Committee:** Kaci Thompson, College of Life Sciences, University of Maryland, College Park, Maryland 20742, USA. E-mail: kaci@umd.edu

**Nominations:** Molly R. Morris, Department of Biological Sciences, Ohio University, Athens, OH 45701, USA. E-mail: morrism@ohio.edu

**Public Affairs:** Caitlin Gabor, Department of Biology, Texas State University, San Marcos, TX 78666, USA. E-mail: gabor@txstate.edu

**Research Grants Committee:** Alexandria Basolo, School of Biological Sciences, Nebraska Behavioral Biology Group, University of Nebraska, Lincoln, Nebraska 68588-0118, USA. Phone: (402) 472-2720, E-mail: basolo@cricket.unl.edu

### Ad Hoc Committees

**Web Policy and Website Review:** Shan D. Duncan, Indiana University, c/o Animal Behavior Society, 402 North Park Ave, Bloomington, IN 47408, USA. Phone: (812) 856-5541, E-mail: sdduncan@indiana.edu

## CALL FOR SYMPOSIA

### 2011 ABS MEETING Organizing Symposia and Paper Sessions

To organize a symposium, an invited paper session, or a workshop for the ABS Annual Meeting, you should contact the Senior or Junior Program Officers to discuss your ideas. We will first make sure that there are no potential conflicts with the topic that you are considering. Then we will ask you to prepare a pre-proposal and submit it to the Junior Program Officer. Organizers often find that consultations with the Program Officers are helpful when drafting the pre-proposal. The pre-proposal should be a page or two summarizing your intent for the session, and suggesting potential participants.

A symposium should be a profound and stimulating review of an important subject area that currently is a major focus of research. It should be a thorough treatment of past work and current research advances,

and should be of general interest to the majority of ABS members.

An invited paper session is a special grouping of papers that focus upon empirical results relating to a particular topic. Usually there is no all-encompassing historical-theoretical perspective, although the organizer(s) may wish to summarize the individual papers or arrange them according to some theme.

Pre-proposals for the 2011 meeting are due before the annual meeting in Williamsburg in July, 2010 and will be circulated to the Executive Committee (EC) prior to the Annual Meeting and then discussed at the EC meeting.

The 2011 meeting is scheduled for 25-30 July. The JPO encourages potential organizers to begin discussions about proposals for that conference. Further information can be found on the ABS website or by contacting the ABS Program Officers: Dario Maestriperi, Evolutionary Biology and Neurobiology, The University of Chicago, 5730 S. Woodlawn Ave., Chicago, IL 60637, Phone: (773) 834-4104, Email: [dario@uchicago.edu](mailto:dario@uchicago.edu); and Maydianne Andrade, Department of Biological Sciences, University of Toronto Scarborough, 1265 Military Trail, Scarborough, Ontario, Canada M1C 1A4. Phone (416) 287-7425, E-mail: [mandrade@utsc.utoronto.ca](mailto:mandrade@utsc.utoronto.ca)

#### **SYMPOSIA FOR THE 2011 AAAS MEETING**

ABS is striving to expand awareness of its excellent science via symposia for the annual AAAS meeting. The target date for the next symposium is 2011. Anyone interested in organizing a symposium for the meeting please contact Maydianne Andrade, E-mail: [mandrade@utsc.utoronto.ca](mailto:mandrade@utsc.utoronto.ca).

#### **GENESIS AWARD POSTER COMPETITION REMINDER**

The Genesis Award, first presented at the 2000 meeting, was created to encourage undergraduates from academic institutions of all sizes to participate in research and present their findings in a professional forum. Please note that undergraduates who submit posters for presentation at the annual meeting of the Animal Behavior Society are automatically entered in the Genesis Award poster competition *unless they select not to be* when they submitted their abstract. Judging criteria include significance of the research topic, research methodology, research results, and presentation. Presentation encompasses the student's oral discussion with the judges and the poster itself,

including clear statements of the question and results, demonstration that there has been appropriate literature review, good organization, and visual appeal. Students should be prepared to demonstrate a mastery of their subject material. A complete set of judging criteria can be found at the ABS Education Committee website, under Career Development.

#### **2010 FOUNDERS' MEMORIAL POSTER**

The Founders' award is given to the best poster paper in the Founders' poster session at the annual meeting and is open to all members of the Society in good standing. To join that session (and thus receive consideration from the judging panel), you must have indicated your interest on the registration form for the scientific program.

#### **NOTICE TO DEVELOPING NATION SCIENTISTS PLANNING TO ATTEND ABS 2010**

The Latin American Affairs Committee and/or Diversity 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 2010. If such a letter would be useful in helping you to obtain funding, please contact Zuleyma Tang-Martinez: [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.

#### **DEVRA KLEIMAN MEMORIAL NOTE**

*Lee C. Drickamer, ABS Historian*

Devra Kleiman, a long time member of the Animal Behavior Society and major contributor to the integration of behavior and conservation biology, died of cancer at age 67 on April 29, 2010. Devra was Senior Scientist emeritus at the National Zoological Park in Washington, D.C. She was originally from New York. During her undergraduate years at the University of Chicago, she worked at the Brookfield Zoo; her experiences there lead to a career in behavior and zoo biology. She obtained a B.S. from Chicago in 1964 and a Ph.D. from the University of London in 1969. Shortly after completing her degree, Devra joined the staff at the National Zoo, where she remained for her entire career, retiring in 2001. She directed the zoo research program for 17 of those years (1978 – 1995). Devra held an adjunct appointment at

the University of Maryland in College Park starting in 1979. Married to John Eisenberg, from whom she later divorced, Devra was, at the time of her death married for 22 years to Ian Yeomans.

Devra helped establish the modern approach to scientific research at zoological parks. She was a pioneer in combining studies of animal behavior and reproduction with conservation biology. Her most notable work was with golden lion tamarins (*Leontopithecus rosalia*). Her success with breeding this species in captivity and reintroductions to the wild, in Brazil, are recognized as a model approach to attempts to conserve and manage endangered populations. The principals she helped to develop are used in many locations today and include successes with California condors, ibex, and other species. Careful studies of reproduction, combined with detailed records of locations and breeding of tamarins resulted in reintroductions and the establishment and augmentation of viable wild populations. Devra also pioneered many aspects of the cooperation of zoological parks and related animal facilities with regard to sharing their tamarins so that a breeding program that would maximize genetic diversity could occur.

Known best to the public for her decades-long studies on giant pandas (*Ailurupoda melanoleuca*), Devra worked closely with colleagues in China to foster both panda conservation and international goodwill. She was the 'den mother' for Ling-Ling and Hsing-Hsing when they arrived at the National Zoo in 1972, and led a team of fellow investigators to learn about the behavior and reproductive biology of the species. This knowledge of panda behavior, as well as new information on dietary preferences, enhanced efforts to successfully breed the species in captivity in the U.S., China, and additional locations. Studies on tamarins, pandas, and several other endangered mammals provided a new basis for public understanding of zoos and their mission in terms of animal conservation. Many of the ongoing breeding programs at zoos and animal parks derive from her work.

Her contributions to the sub-discipline she helped to found include numerous articles in professional journals. Many of these works provide evidence of her research, in conjunction with numerous colleagues on the investigations of mammals in zoos, but some publications are aimed at assisting zoos, aquariums, and other animal facilities with the structural framework to accomplish conservation efforts similar to those she pioneered. Further, Devra was skilled at writing for a public audience about her work, fostering understanding for and enthusiasm about the studies of

reproduction and species conservation. Her co-edited volume, *Wild Mammals in Captivity*, published in 1996, is a widely used reference work for investigators exploring conservation biology and management of mammals.

Devra's connections with and service to the Animal Behavior Society abound. She served as secretary (1978-1981) and in the presidential sequence (1981 – 1985), as well on the Ethics and Nominating Committees. She was elected a Fellow of the Society in 1986. She was a superb ambassador for the Society and for animal behavior around the globe. Devra Kleiman's quick wit, enormous energy, and gift for working with people will remain, along with her scientific accomplishments, as a true legacy. A memorial celebration of her life occurred at the National Zoo on June 1<sup>st</sup>.

## **ANNOUNCEMENTS LATIN AMERICAN MEMBERSHIPS**

At the August 2005 ABS Executive Committee Meeting in Snowbird, Utah, a new initiative was approved to aid with recruitment of Latin American faculty and students. This endeavor involves contributions from ABS Members to a fund that will be maintained at the Central Office. Each year, the Membership Committee will fund a certain number of new subscriptions from the fund (depending upon contributions). Student Developing Nations memberships are \$19 (for paper journals) or \$10 (for online journal access only). Faculty rates are \$24 (for paper journals) and \$15 (for online access only). The Membership Committee has already compiled a list of 60+ students who would like to join the ABS. We ask that you consider making a contribution to the Latin American Membership Fund (checks made out to Animal Behavior Society with appropriate notation for this fund). Please send your contribution to the ABS Central Office, 402 N. Park Ave Bloomington, IN, 47408, 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 the Chair of the Membership Committee, Kaci Thompson by e-mail at [kaci@umd.edu](mailto:kaci@umd.edu).

## **TURNER AWARD FOR UNDERGRAD TRAVEL TO ABS AT WILLIAMSBURG**

The ABS Diversity Committee has once again been awarded funding from the National Science

Foundation to bring a diverse group of undergraduates to the Annual Meeting. You can learn more about the travel award and Charles H. Turner at the following site: <http://www.indiana.edu/~animal/Turner/>. We need your help to make sure that these students get the most that they can out of the experience. If you are coming to the meetings at William and Mary, please consider volunteering to serve as a mentor (via email to [peggy-hill@utulsa.edu](mailto:peggy-hill@utulsa.edu)).

## A WORD OF THANKS

*Eliane Gonçalves-de-Freitas, Laboratory of Animal Behavior, Universidade Estadual de São Paulo, Brazil*  
&  
*Carlos Roberto Ceron, Universidade Estadual de São Paulo, Brazil*

In 2008, Dr. James C. Ha visited Brazil to give a Statistics Course in the Graduate Program in Animal Biology, UNESP, São José do Rio Preto, Brazil ([www.ibilce.unesp.br](http://www.ibilce.unesp.br)). During his visit, he offered an entire printed collection of the *Animal Behaviour* journal, previously donated to ABS by Steve Rebach. This offer was immediately accepted by our Principal Librarian. Subsequently, Jim and Renee Ha donated a subscription membership to the journal in my name to maintain the collection updated in our library. Thus, we would like to acknowledge Jim and Renee Ha, as well as Steve Ramey (from the ABS Central Office at that time), and all individuals who donated funds to cover the shipping costs for six heavy boxes of journals that were mailed all the way to Brazil. These generous contributions have been helping students and researchers in animal behavior at our Institution. Thank you very much to all involved in this process.



Jim Ha (center) with host Eliane Freitas (top row, last right) with group of students in statistics course, Brazil



## THIRD ANNUAL WORLD SCIENCE FESTIVAL

**Media Contacts:**  
Joe DePlasco / Johanna  
Flattery / Sid Dinsay  
(212) 685-4300;  
[sid.dinsay@dkcnews.com](mailto:sid.dinsay@dkcnews.com)

IN NYC JUNE 2-6, 2010

*Stephen Hawking to be honored at opening gala on  
June 2*

World Premiere of new work by Philip Glass, "Icarus at the Edge of Time," based on book by string theorist and festival co-founder Brian Greene; 40 unique programs throughout the city plus a Street Fair for kids and families in Washington Square Park.

The best and brightest minds in science will descend on New York City for the 2010 World Science Festival from June 2-6. The highest profile event of its kind in the United States is now in its third year and will feature 40 unique programs in scientific disciplines ranging from astronomy, physics and genetics to neuroscience, robotics and mathematics. The Festival's programs will also integrate traditional arts disciplines – dance, theatre, music and the visual arts – to underscore that science is everywhere.

## ABOUT THE WORLD SCIENCE FESTIVAL

The World Science Festival, co-founded by Brian Greene and Tracy Day, is an unprecedented annual tribute to imagination, ingenuity and inventiveness. It takes science out of the laboratory and into the streets, theaters, museums, and public halls of New York City, making the esoteric understandable and the familiar fascinating.

The Festival's mission is to cultivate and sustain a general public informed by the content of science, inspired by its wonder, convinced of its value, and prepared to engage with its implications for the future. For more information, visit [www.worldsciencefestival.com](http://www.worldsciencefestival.com).

### **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 newsletter sent to all Society members via regular mail. Questions? 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.

### **MEETINGS**

#### **ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS**

**2010:** 25-31 July, The College of William and Mary, Williamsburg, VA.

**2011:** 25-30 July, Animal Behavior Meeting – International Ethological Conference joint meeting at Indiana University, IN.

#### **OTHER U.S. MEETINGS**

**2010:** 11-15 June, 90<sup>th</sup> Annual Meeting of the American Society of Mammalogists, University of Wyoming, Laramie, Wyoming. The capstone speaker will be Dr. John Hoogland speaking on over 35 years of research on the “Ecology and Social Behavior of Prairie Dogs”. Non-members who are interested in attending the meetings and/or presenting papers should request materials from the Chairpersons of the Local Program Committee, Liz Flaherty or Merav Ben-David ([asm2010@uwyo.edu](mailto:asm2010@uwyo.edu)). For additional information, please visit the meeting website at <http://www.uwyo.edu/asm2010/>.

#### **INTERNATIONAL MEETINGS**

**2010.** 10-13 June, 5th International Frugivory and Seed Dispersal Symposium & Workshop. Montpellier, France. [www.fsd2010.org](http://www.fsd2010.org).

**2010.** 11-17 July, International Congress of Arachnology. Siedlce, Poland. [www.arachnologia.edu.pl/congress.html](http://www.arachnologia.edu.pl/congress.html)

**2010.** 18-20 July, European Societies for Behavioural Biology (ECBB). Ferrara, Italy [asab.nottingham.ac.uk/meetings/asab.php](http://asab.nottingham.ac.uk/meetings/asab.php)

**2010.** 2-7 August, 9th International Congress of Neuroethology Salamanca (Spain). Deadline for Registration: June 30, 2010. [http://www.seatra.org/neuroetholog\\_y/](http://www.seatra.org/neuroetholog_y/)

**2010.** 22-28 August, 25th International Ornithological Congress. Campos do Jordão, SP, Brazil. [www.ib.usp.br/25ioc/](http://www.ib.usp.br/25ioc/)

**2010.** 12-18 September, International Primatological Society XXIII Congress, Kyoto, Japan. [www.ips2010.jp](http://www.ips2010.jp)

**2010.** 21-24 September, 14th Evolutionary Biology Meeting, Marseilles, France. [sites.univ-provence.fr/evol-cgr/](http://sites.univ-provence.fr/evol-cgr/)

**2010.** 26 Sep-1 Oct, 13th Congress of the ISBE. Perth, Australia. [www.isbep Perth2010.com](http://www.isbep Perth2010.com)

**2010.** 2-3 December, Association for the Study of Animal Behavior, Winter Meeting: Interspecific communication. London, UK. [asab.nottingham.ac.uk/meetings/asab.php](http://asab.nottingham.ac.uk/meetings/asab.php)

**2011.** August, 13th European Society for Evolutionary Biology Congress. August. Tübingen, Germany. [www.eseb.org](http://www.eseb.org)

**2012.** 11-17 August, ISBE20 Congress of the ISBE. Lund, Sweden

#### **NOTICE!**

Issues of the ABS Newsletter are published *first* on the ABS Web page. Hard copies of the Newsletter are delivered by mail and may take weeks to arrive. To get ABS news *fast*, point your browser to: <http://www.animalbehaviorsociety.org/> → Resources → Newsletters



## OPPORTUNITIES

### CALL FOR PROPOSALS

#### SABBATICAL SCHOLARS AND COLLABORATIVE WORKING GROUPS

Proposals for Sabbaticals and for collaborative working groups (Working Groups and Catalysis Meetings) are now being accepted at The National Evolutionary Synthesis Center (NESCent). We are looking to support innovative approaches to outstanding problems in evolutionary biology. In particular, proposals that have a clear interdisciplinary focus, or involve evolutionary concepts in non-traditional disciplines, are strongly encouraged, as are proposals that demonstrate international participation and a mix of senior and emerging researchers, including graduate students. Proposals for Working Groups and Catalysis Meetings are accepted twice a year, with deadlines on July 10 and December 1. Proposals for Sabbaticals may be one semester to a full year (deadlines June 10 and December 1) or they may be for short-term visits (2 weeks to 3 months; deadlines on January 1, April 1, July 1 and September 1). NESCent is also now seeking to include graduate traineeship to our portfolio by offering one-semester fellowships for graduate students to pursue research either with a NESCent sabbatical scholar or with a NESCent Working Group. For more information, please see our website at <https://www.nescent.org/science/proposals.php>

#### FIELD STUDIES OF ANIMAL BEHAVIOR

This 10-day field course in Animal Behavior is being offered at the Southwestern Research Station of The American Museum of Natural History, located in the Chiricahua Mountains of southeastern Arizona. **The dates are July 10 - 20, 2010.**

According to Conservation International, the sky islands of southern Arizona (which include the Chiricahua Mountains) contain some of the richest reservoirs of plant and animal life on earth. It is this outstanding biodiversity that attracts scientists (and their students) from all over the world. During this intensive field course, we will focus on the behavior of a variety of invertebrate and vertebrate species. Our studies will include:

1. The Adaptability of Behavior - color and odor preferences in the selection of nectar sources by hummingbirds.

2. Population Dynamics - the size of territory in harvester ants as a function of colony density and food supply.
3. Communication - the evolution of visual displays in iguanid lizards.
4. Chemical orientation in lizards and role of the Jacobson organ.
5. Social Behavior - orientation and communication in slave-making ants.
6. Mating Behavior - The role of auditory signals in mating behavior of spadefoot toads.

The course includes daily multimedia lectures, and participation in projects being conducted by scientists at the Research Station. Emphasis will be placed on research design and hypothesis testing. Projects may vary, to take advantage of weather conditions, species availability, and visiting scientists.

**Participants:** The Animal Behavior Course is designed for teachers, undergraduate and graduate students, museum and zoo docents, environmental professionals, or anyone who enjoys observing and understanding the behavior of animals in their natural habitat. The course is limited to 15 participants.

**Instructor:** Dr. Howard Topoff, Professor Emeritus of Biopsychology at the City University of New York. Dr. Topoff has been conducting field research on insect social behavior at the Southwestern Research Station for over 40 years.

**Cost:** \$950 per person for 10 nights. This includes course tuition (\$350) as well as room and 3 meals each day at the Research Station (\$600).

The Web Address for the course is: <http://www.animalbehaviorcourse.com>

#### EVOLUTIONARY BIOLOGIST TENURE-TRACK

As part of our continued growth in the areas of Environmental Stress and Ecology & Evolutionary Biology, the Department of Zoology at Oklahoma State University invites applications for a tenure-track, assistant professor in organismal (including humans) evolution. Applicants are expected to have a Ph.D., post-doctoral research experience, teaching experience, and demonstrated success in obtaining extramural funding. Responsibilities of this position will include establishing a vigorous, extramurally funded research program, successfully mentoring M.S. and Ph.D. students, and effectively teaching courses at the undergraduate and graduate level.

The Department of Zoology has a long history of research in conservation biology, ecology, evolution,

physiology, and environmental toxicology, and a variety of partnerships with the Departments of Botany, Microbiology and Molecular Genetics, Biochemistry and Molecular Biology, Natural Resource Ecology and Management, the Oklahoma Cooperative Fish and Wildlife Research Unit, and the Center for Veterinary Health Sciences. More information can be found at <http://zoology.okstate.edu>.

Applicants should submit a letter of application, curriculum vitae, separate statements of research interests and teaching philosophy, and three sample publications, by email ([kristen.baum@okstate.edu](mailto:kristen.baum@okstate.edu); pdf preferred) or by standard mail, to **Dr. Kristen Baum**, Chair, Faculty Search Committee, Department of Zoology, Oklahoma State University, 501 Life Sciences West, Stillwater, OK 74078. Three letters of recommendation should be sent directly by the applicant's references by standard mail to the address above. Application review will begin **15 April 2010**, with employment beginning **1 January 2011**. Filling of this position is contingent upon availability of funding. Oklahoma State University is an AA/EEO/E:Verify Employer committed to diversity. OSU:Stillwater is a tobacco-free campus.

## DONATIONS TO ABS FUNDS

### (Contributors in alphabetical order by first name)

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## 47th Annual Meeting of the Animal Behavior Society



### College of William and Mary, 2010 25-29 July, 2010

**Hosts: John Swaddle and Dan Cristol**

(Please check the ABS site for updates!)

Founded in 1693, William and Mary is the second oldest university in the US and situated in scenic Williamsburg, Virginia (<http://www.wm.edu>). As a “public Ivy” William and Mary is consistently rated as one of the best public schools in the US. The City of Williamsburg was the colonial capital of the “New World” and sits nestled between two other historic sites: Jamestown (the first permanent British colony) and Yorktown (site of surrender of British in the US Revolutionary War). Colonial Williamsburg itself has been restored as a living history museum and lies adjacent to the William and Mary campus (<http://www.history.org>). For US history buffs, this is a veritable playground. There are also a lot of other tourist attractions, including a large water park (<http://www.watercountryusa.com>) and Busch Gardens Williamsburg (<http://www.buschgardens.com>), both of which offer wonderful entertainment for families. The area also has lots of natural attractions and parks that are great for nature hikes, canoeing, and birding.

#### Scientific Program Highlights

##### Featured Speakers:

Keynote speaker: **Ellen Ketterson**, Indiana University, *Lecture title TBA.*

Distinguished Animal Behaviorist Address: **Lee Drickamer**, Northern Arizona University, *Lecture title TBA.*

ABS Fellow Lecture: **Andy Sih**, University of California at Davis *Lecture title TBA.*

##### Symposia, Workshops, and Special Sessions:

ABS Presidential symposium: *Adaptive Variation in Female Mate Preferences*

Organizer: **Molly Morris**, Ohio University

Symposium: *Collective Animal Behavior: Decision-Making of Groups*

Organizers: **Noa Pinter-Wollman**, Stanford University; **Deborah M. Gordon**, Stanford University

Symposium: *Signaling in Multiple Modalities*

Organizer: **James Higham**, University of Chicago

Career Workshop: *Thriving as a Beginning Assistant Professor*

Organizer: **Jennifer Mather**, University of Lethbridge

##### Special Poster Session: *Applied Animal Behavior*, Monday July 26

Organizer: **John Wright**, Mercer University

**Film Festival:** The XXVI Annual Animal Behavior Society Film Festival, dates TBA.

**Special Events:**

- An **opening reception** will be held on Sunday July 25, 2010
- **Posters** will be on display in two sessions throughout the conference. The first set of posters will be on display from Monday July 26 to 27; the second set from Wednesday July 28 to 29.
- A **closing banquet** will be held on Thursday July 29
- Annual **5K fun run!** Contact Caitlin Gabor (gabor@txstate.edu) for details.
- A **Silent Auction** will be held once again. Please bring items 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.

**Registration**

Online registration and mail-in forms will be available in February via a link from the ABS website TBA. To present a paper or a poster at ABS 2010, you must register and submit abstracts by **May 14, 2010**. Only ABS (and ASAB) members are allowed to present research at ABS Meetings, which means participants should apply for membership or renew by **May 7, 2010**, in order to submit an abstract.

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 for 2010, as approved by the Executive Committee, are listed below (all prices in U.S. Dollars):

<b>Registration Fees (posted Dec. 10 2009)</b>		
<b>Category</b>	<b>Early (May 14 or before)</b>	<b>Late (After May 14)</b>
Full member	\$180.00	\$250.00
Student Member	\$80.00	\$150.00
Full Non-Member	\$250.00	\$320.00
Student NonMember	\$180.00	\$250.00
Guest/Spouse	\$80.00	\$150.00
Developing Country	\$70.00	\$70.00
(Children under 12, free with parent registration)		

**Lodging**

There is a nice hotel (Williamsburg Hospitality House, please check site: <http://www.williamsburghospouse.com>) within a couple of minute's walk of the conference venue, with discounted rooms (single or double occupancy) at \$109 per night. Attendees will need to contact the hotel independently to book rooms and mention the ABS conference to get the room discount rate. There are also a couple of budget hotels (Super8, Days Inn) an easy 5-10 minute walking distance from the conference. Additionally, there will be on-campus dorm housing at approximately \$35 per night for double occupancy and approximately \$50 per night for single occupancy. On campus housing can be booked through the same website as for online registration.

## **Food Options**

As usual, there will be snacks at breaks during the conference. There will also be options to purchase on campus meal plans, and the conference center has a full cafeteria. There are also dozens of restaurant choices within easy walking distance of campus, ranging from cheap sandwich joints and bars to high end dining in Colonial Williamsburg.

## **Transportation**

Williamsburg is an easy drive from many of the big East coast cities, and from the Carolinas. We have three nearby airports: Newport News/Williamsburg (PHF, 20 minutes away); Richmond International (RIC, 45 minutes away); and Norfolk International (ORF, 60 minutes away). Each of which have ride share services and taxis to Williamsburg. For people who drive to Williamsburg, there will be options to purchase on-campus parking passes through the registration website. The Williamsburg Hospitality House offers free parking to hotel guests.

## **Things to Do**

Williamsburg enjoys the benefits of being a major tourist area and so there is no shortage of things to do in and around the City. From historic sites, to theme parks, natural areas, and extensive discount shopping, it's pretty easy to entertain yourself and your family for a week in Williamsburg. We'll be posting more specific information on the conference registration website, but for now you may want to look at the following site ([www.visitwilliamsburg.com](http://www.visitwilliamsburg.com)) to get an idea of how you may want to spend your downtime or extend your stay in the area. Here are some of the attractions that may be of interest:

- Colonial Williamsburg (<http://www.history.org>)
- Jamestown and Yorktown (<http://www.historyisfun.org>)
- Busch Gardens (<http://www.buschgardens.com>)
- Water Country USA [http://\(www.watercountryusa.com\)](http://www.watercountryusa.com)
- Great Wolf Lodge (<http://www.greatwolf.com/williamsburg/waterpark>)
- Virginia Living Museum ([vwww.thevlm.org](http://www.thevlm.org))
- Norfolk Zoo (<http://www.virginiazoo.org>)
- Nauticus (<http://www.nauticus.org>)
- Virginia Aquarium (<http://www.virginiaaquarium.com/Pages/default.aspx>)
- Children's Museum of Richmond (<http://www.c-mor.org>)
- Outlet Mall Shopping (<http://www.primeoutlets.com/locations/williamsburg.aspx>)
- York River State park ([http://www.dcr.virginia.gov/state\\_parks/yor.shtml](http://www.dcr.virginia.gov/state_parks/yor.shtml))

## **Child Care**

Although William and Mary cannot offer daycare specifically for conference attendees, we intend to put together a list of local daycare facilities that will take children on a short term basis. This will appear on the conference website at a later date.

## **For Further Information**

Contact the conference hosts John Swaddle ([jpswad@wm.edu](mailto:jpswad@wm.edu)) and Dan Cristol ([dacris@wm.edu](mailto:dacris@wm.edu)).

Online registration and mail-in forms will be available from a link at the ABS website TBA.

# ANIMAL BEHAVIOR SOCIETY MEMBERSHIP FORM

Online renewal and information re. Required Member Info and Privacy Policies is available at <http://www.animalbehavior.org/ABSCentralOffice/> and upon request.

## Required Information

**Full Name (include titles):**

Last (family) name, first name, titles

**Affiliation:**  
(University, Company, Organization  
with which you are currently  
affiliated.)

**E-Mail (required for web access):**  
We do NOT provide email addresses  
to other organizations)

**Mailing Address:**  
(for general correspondence)

We occasionally rent our mailing list to  
carefully screened publishers. Check  
below if you wish to be excluded.

Exclude me from mailing list

### Journal Delivery:

- Online Journal (no paper issues)
- to Mailing Address above
- to Address below

### Member Information (Optional) - Enter whatever you wish to include in Directory

OFFICE Phone:

HOME Phone:

CELL Phone:

FAX Number:

### Newsletter Delivery:

- Members receive online access to quarterly newsletters. Check here to receive paper copy

For further information go to: <http://animalbehaviorsociety.org>

OR

Return form with payment to: **Animal Behavior Society**  
402 N Park Ave  
Bloomington IN 47408-3828

phone: 812-856-5541  
fax: 812 856-5542

## DUES / SUBSCRIPTIONS (all amounts in US dollars)

Membership Category	Dues online Journal only	Dues paper <b>and</b> online Journal	Amt Paid
_ Regular/Fellow	\$30.00	\$57.00	
_ Emeritus	\$20.00	\$42.00	
_ Post Doc	\$30.00	\$57.00	
_ Student	\$18.00	\$40.00	
_ Developing Nation	\$15.00	\$24.00	
_ Developing Nation Student	\$10.00	\$19.00	
_ Science Writer	<b>Contact office</b>	\$27.00	
*Countries NOT Considered Developing Nations: U.S.A., Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, Netherlands, Belgium, Luxemburg, France, United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal.		<b>RENEWING LATE?</b> Most journal back issues available @ \$4.50 ea.	

### Contributions

<b>Research Award</b>	Provides research grants of up to \$1,000 US to Graduate Students researching animal behavior.	
<b>Conservation Award</b>	Provides research grants to Graduate Students researching animal behavior with a Conservation focus.	
<b>LA Membership Fund</b>	A fund to aid recruitment of Latin American faculty and students.	
<b>David Tuber Award</b>	To promote excellence in research into Applied Animal Behavior.	
<b>Genesis Award</b>	Provides award for best Undergraduate Poster presented at annual ABS meeting.	
<b>George W. Barlow Founder's Award</b>	In honor of one of the founders of the Animal Behavior Society, It is awarded to the best poster at the annual meeting	
<b>Cetacean Behavior Award</b>	Provides awards of up to \$1,000 US to Students researching Cetacean Behavior and/or Conservation.	
<b>Omega Award</b>	Rewards Professional Presentation by Member assigned terminal slot at annual ABS meeting.	
<b>Diversity Grant</b>	Provides Registration Assistance to encourage culturally diverse participation at annual ABS meeting.	
<b>Travel Award</b>	Provides Travel/Housing Assistance to Latin American Members attending annual ABS meeting.	
<b>Unrestricted Fund</b>	General Donations to enable the society to respond effectively to emergencies and opportunities.	

### Payment Details

<b>Check</b>	<b>Money Order</b>	<b>Dept Purch Cd</b>	<b>Visa</b>	<b>MasterCard</b>	<b>AMEX</b>	<b>Discover</b>	<b>VOLUNTARY DONATION</b> To offset card fees. (\$1-2)		
<b>Number:</b>			<b>Expires</b>						
<b>Signature of Card holder</b>									
<b>Name as it appears on Card (please print or type)</b>									
<b>Credit Card Billing Address if different from Correspondence address</b>									
				<b>CVV2 / CVC2 / CID Code</b> AMEX = 4 digits above acct number (card front). Visa, MC Discover = 3 digits at end acct number (card back)					
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