



# NEWSLETTER

## Animal Behavior Society

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Regina H. Macedo, Secretary

A quarterly  
publication

Raphael I. Dias, Editorial Assistant

Departamento de Zoologia, Universidade de Brasilia  
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### VOTE! VOTE! VOTE! 2011 ABS ELECTIONS

*Please* take the time to vote in the upcoming election! **You will receive an e-mail from the Central Office**, containing a link that when clicked upon will take you to the ballot on Survey Monkey. You will receive this e-mail provided the Central Office has your e-mail address and you were an active ABS member as of November 1, 2010. A ballot is enclosed in this newsletter, and **if you vote by regular mail, your name MUST be on the envelope.**

### CANDIDATES FOR 2011 ELECTION OF OFFICERS

See biographies of candidates and the ballot at the end of the newsletter.

**Second President-Elect:** Robert M. Gibson  
Daniel I. Rubenstein

**Secretary:** Caitlin Gabor  
Sue Margulis

**Member at Large:** Mark Hauber  
Gail Patricelli

**Program Officer:** Michael Beecher  
Elizabeth Jakob

### 2010-2011 ABS OFFICERS

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

**First President-Elect:** Joan Strassmann, Department of Ecology and Evolutionary Biology – MS-170, 130 Anderson Biology Lab, Rice University, Houston, Texas 770005-1892 USA. Phone (713) 348-4922, E-mail: strassm@rice.edu

**Second President-Elect:** Robert Seyfarth, Department of Psychology, University of Pennsylvania, 3720 Walnut Street, Philadelphia, Pennsylvania 19104-6196, USA. E-mail: seyfarth@psych.upenn.edu

**Past 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

**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 70910-900 - Brasilia - DF - 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, IL 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@utsc.utoronto.ca

**Parliamentarian:** Peggy Hill, Department of Biological Sciences, University of Tulsa, 800 Tucker Drive, Tulsa, Oklahoma 74104 USA. E-mail: peggy-hill@utulsa.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:

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

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**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

## DIRECTIONS FOR CORRESPONDENCE

**ABS Newsletter:** Send general correspondence concerning the Society to Regina Macedo, rhfmacedo@unb.br. Deadlines for materials to be included in the Newsletter are the 15th of the month preceding each issue. The next deadline is **15 January, 2011**. 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.



Allee Award candidates join together for a celebratory dinner at the 2010 ABS meeting in Williamsburg

## DAN BLUMSTEIN: 2011 DISTINGUISHED TEACHING AWARD RECIPIENT

The Education Committee is pleased to announce the recipient of the 2011 Distinguished Teaching Award, Dr. Daniel Blumstein, Professor of Biology, Department of Ecology and Evolutionary Biology, UCLA.

The committee was impressed by Dr. Blumstein's record of sustained excellence in the teaching of animal behavior in both lecture and field courses. Dr. Blumstein's teaching has spanned a variety of classroom and field-based settings. He has incorporated technology while continuing a hands-on approach that has actively built student self-confidence and self-reliance. His mentoring, support and guidance of undergraduates have resulted in a large number of publications in which students share authorship.

Dr. Blumstein was described by his students as a dynamic and articulate lecturer and field mentor, and it was clear that he had earned their respect. They noted that he worked them hard but they wanted to come back for more, or as one student commented, "He taught you without you knowing it!" Committee members noted Dr. Blumstein's ability to challenge undergraduates to perform good science while also supporting them and providing them with the tools necessary for them to succeed. As one reviewer noted: "I think he has an amazing record specifically of training students to do research and inspiring them to go on to research careers. He clearly has made a difference in the lives of many students and I think he is highly deserving of the award."

## READING AND EVALUATING BOOKS AS A TOOL FOR LEARNING SCIENCE:

### THE ABS EDUCATION COMMITTEE'S OUTSTANDING CHILDREN'S BOOK AWARD

By John P. Roche, University of Massachusetts Medical School

Scientific literacy contributes significantly to quality of life, the vigor of the economy, the stewardship of the environment, and the quality of health care. For these reasons, the Education Committee of the Animal Behavior Society (ABS) is actively working to help improve science education at both the K-12 and college levels in countries across the Americas. One component of these efforts is the ABS's annual Outstanding Children's Book Award, which annually evaluates children's books that are published about animal behavior.

Students in elementary school have an insatiable intrinsic interest in science, particularly animal science. Therefore, assisting parents and teachers in fostering this interest, and helping students develop critical thinking skills to make discoveries about the natural world on their own, are invaluable. Elementary-school students love science—most of them also love books. Therefore, books about science are a particularly powerful tool in science learning, in elementary school and beyond.

With this in mind, the Education Committee of the ABS instituted the ABS Outstanding Children's Book Award in 2001. Each year, the ABS Outstanding Children's Book Award Sub-Committee solicits children's books about animal behavior from publishers. About fifty to sixty books are received each year. The first stage of the review process involves Book Award Sub-Committee members selecting a group of semifinalist books out of those submitted; these semifinalist books must be picture books primarily about animal behavior. In the next stage of the process, members of the Book Award Sub-Committee systematically assess the semifinalist books for accuracy, power of presentation, and effectiveness in communicating the process of thinking critically. The Sub-Committee then selects a set of four finalists, and these finalists are rated by hundreds of grade-school students across North America. The book that receives the highest mean student ranking wins the award.

The ABS Outstanding Children's Book Award has several goals. First, it provides recognition for books on animal behavior that are truly extraordinary, applauding the authors, illustrators, and publishers of these books that so powerfully captured the approval of students. Second, it seeks to assist authors and publishers in identifying characteristics that make children's books about animal behavior accurate and compelling, in order to help improve the quality of these books over time. Third, it introduces material on behavioral science into schools across the continent wherein students spend the time to read and evaluate excellent books about animal behavior—and learn skills related to both animal behavior and the critical evaluation of scientific communication in the process! Fourth, the dozens of books that are submitted by publishers each year are all donated to the libraries of the participating schools, providing educational opportunities to hundreds of students at each school, and thousands of students across the continent, for years to come.

This year's ABS Outstanding Children's Book Award, after a review of 42 semi-finalist books on animal behavior published in 2009, was awarded to *Bug Butts*,

written by Dawn Cusick and published by EarlyLight Books. This extraordinary book, which systematically examines the highly varied biological functions of insect hind ends, was an overwhelming favorite of students. The other finalists in this year's competition were *Animals Aha!*, by Diane Swanson; *Bubble Homes and Fish Farts*, by Fiona Bayrock; and *The Strange Life of the Hermit Crab* by Wendy Pfeffer. Books such as these are just one small component of science education for students in K-12 schools. But by capturing interest, informing, and most importantly engaging and challenging children with critical thinking, these books can help prepare students for the science curricula they will pursue in later grades. We applaud the authors of these fine books, and encourage authors and publishers of children's books on animal behavior to keep up the good work!

**Review of *Looking at Insects from the Other End: A Review of Bug Butts***

**by Dawn Cusick**

**Review: John P. Roche, University of Massachusetts Medical School**

This book is gross. There is no question about it—*Bug Butts*, by Dawn Cusick, is really, really gross. But that very grossness makes kids love it, and helps it succeed as a powerful vehicle to communicate fascinating and little-known information about insects. By being so engaging and interesting, it fulfills the mission of the book's publisher, EarlyLight books: it presents real science, with real fun.

*Bug Butts* describes a variety of biological functions of insect hind ends. In some insects, the anus makes bubbles that help protect the young. In others, the anus is used to breath oxygen from the air. In yet others, the hind end is used to spin silk to make cocoons in which to pupate. Bark beetles deposit trails of pheromones with their anuses as they eat paths through tree bark, and larval tortoise beetles use their hind ends to build large umbrellas of fecal material, called a fecal shield, under which to hide from predators.

The book is organized around three chapters, "Bug Off", "Talk to Me", and "Tasty Treats". These chapters present insights into a wide range of functions served by insect hind ends, including roles in communication and feeding. The book finishes with a detailed description and illustration of the insect alimentary tract, explaining the jobs accomplished by the mouth, foregut, midgut, and hindgut.

The pages of this book are full of clear and colorful artwork that helps illustrate the functions being described. It is written in a lively, information-packed

style, and it is designed to engage readers in the process of inquiry that is the heart of science. It provides frequent questions for active engagement thinking. For example, students are asked to consider, “Why are weevils and caterpillars so hungry?” Do you know the answer?

Whether you know why weevils are so hungry or not, you are encouraged to get a copy of *Bug Butts* and delve into the fascinating world of insect bottoms. Whether you are an entomologist or just a regular citizen, a kid or a mere adult, you will be fascinated with this book—it appeals compellingly to the young entomologist in us all. This book is not just another fun science book for kids; in class testing by hundreds of children in grades 3 through 5 across the country, *Bug Butts* was overwhelmingly selected as the 2009 winner of the Animal Behavior Society’s Outstanding Children’s Book Award competition. As one elementary-school student commented, “This book is gross. I loved it!”

*Bug Butts*, by Dawn Cusick. Publisher: EarlyLight Books, Waynesville, North Carolina. Hardcover, color illustrations; 48 pages.

**Review of *Bubble Homes and Fish Farts*,  
by Fiona Bayrock**

**Review: Sue Margulis, Canisius College, Buffalo**

What child would NOT want to read a book with “Farts” in the title? *Bubble Homes and Fish Farts*, by Fiona Bayrock and illustrated by Carolyn Conahan, combines lovely illustrations with excellent scientific information about a wide array of species that all make and use bubbles in order to survive. The book is written at an appropriate level for grade-school children, yet the scientific content will intrigue even older readers. With information on species as diverse as the very familiar bottlenose dolphin to the more obscure rattlebox moth, *Bubble Homes* is sure to include an animal that every reader can identify with. Fiona Bayrock does an excellent job of linking the varied species described by their common, and often creative, use of bubbles—to hunt, to play with, to raise young in. Carolyn Conahan’s illustrations are simple and appealing, with a common color theme of blues and greens providing continuity throughout the book. The captions on the illustrations provide a touch of humor as well.

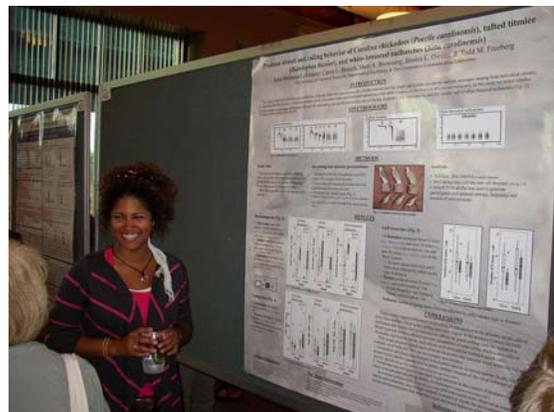
Many student reviewers described the book as “entertaining” and “really fun.” One fifth grader commented: “I love the descriptions and pictures. I can see a picture in my head like a movie.”

So, do fish fart? In fact, as we learn in the book, they don’t. Herring produce “fast repetitive ticks” (FaRTS, for short), possibly as a way of communicating. But, the title *Bubble Homes and Fish Fast Repetitive Ticks* just doesn’t have the same ring to it.

**Review of *The Strange Life of the Land Hermit Crab*,  
by Wendy Pfeffer**

**Review: Wendy K. Hein, 4-H Youth Development,  
Oregon State University Extension Service**

Whether encountered on the beach or at the pet store, the hermit crab has become a familiar invertebrate to many aspiring young scientists. In *The Strange Life of the Land Hermit Crab*, we follow a female crab through her life cycle, from egg to mature adult. Wendy Pfeffer is an experienced author of science-themed children’s books and she uses a simple story to weave the life stages together. Although there are no humans in this book, our focal crab does find man-made items like a plastic bottle and peanut butter crackers. A new fact is subtly embedded in each page: night herons are a predator of adult crabs; hermit crabs make chirping and croaking sounds; the larvae look nothing like their adult counterparts. In fact, careful attention is paid to the larval stage, including excellent illustrations. Illustrator Katherine Zecca uses her background in technical illustrating to accurately depict not only the hermit crabs, but also their natural environment and surrounding species. Younger children (ages 5–7) will appreciate the directness of the story and the detailed pictures, and older readers (ages 8–10) will enjoy the behavioral details and learning scientific words (like “tunicate”). All ages will be inspired to take a trip to the beach or pet store.



Julia Bartmess-LeVasseur cheerfully presenting her poster at the 2010 ABS meeting in Williamsburg (photo contributed by Todd Freeberg)

## CALL FOR NOMINATIONS FOR 2011 CAREER AWARDS

The Animal Behavior Society has a series of Career Awards that include the following: **Distinguished Animal Behaviorist** - outstanding lifetime achievement in animal behavior; **Exemplar Award** - major long-term contribution to animal behavior; **Outstanding New Investigator** - outstanding contribution by a new investigator; **Quest Award** - outstanding seminal contribution; **Exceptional Service Award** - sustained service contributions to the Animal Behavior Society; and **Distinguished Teaching Award** - distinguished contributions in teaching animal behavior to undergraduates.

All members of the society are encouraged to prepare and submit nominations for these awards. To aid the Selection Committee and to help codify the procedures involved, the following items must be submitted for a nomination: (1) a letter of nomination indicating the award for which the nominee is being proposed. It should provide details on the reasons the nominee should be considered for that award; (2) a curriculum vitae of the nominee; and (3) additional supporting letters from colleagues solicited by the nominator. These materials (except for the Distinguished Teaching Award; see below) should be sent to ABS Past 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](mailto:mryan@mail.utexas.edu). **Deadline this year is November 30, 2010.**

### DISTINGUISHED TEACHING AWARD

PLEASE NOTE THE CRITERIA HAVE BEEN BROADENED IN ORDER TO RECOGNIZE A GREATER RANGE OF TALENTED MEMBERS. The recipient of this award receives recognition, a plaque from the Society, and the opportunity to organize an education-related event at the following annual meeting. It is easy to know about our colleagues' research by reading publications; it is much more difficult to know about their teaching excellence. We rely on nominations. PLEASE NOMINATE QUALIFIED COLLEAGUES FOR THIS PRESTIGIOUS AWARD. Selection of the award recipient will be made by the Animal Behavior Society Education Committee and approved by the Executive Council. The award recipient will be announced at the annual meeting of the Society.

**Deadline:** Nominating letters (or the form at the end of the Newsletter) should be submitted by **31 March 2011**. to Penny Bernstein, [pbernste@kent.edu](mailto:pbernste@kent.edu). Questions can also be directed to Jennifer Mather, [mather@uleth.ca](mailto:mather@uleth.ca).

Although e-mail copies are acceptable by the deadline, hard copies of letters of nomination with signatures are required before final considerations can be made.

### Criteria and Procedures

1. Nominees must be current members of the Animal Behavior Society. (Note: current officers and committee chairs are not eligible for nomination.)
2. Nominees must have demonstrated highly effective and innovative teaching in the classroom or in an informal education setting (e.g., zoos, aquaria, museums, 4-H programs, research labs and field stations, and environment centers). They should have a reputation among peers and students for excellence in educating people about animal behavior.
3. Persons wishing to nominate an individual for the award should submit a one-page nomination letter providing evidence to support the nomination. The letter should also include names of at least two additional peer reviewers, and two current or former students or program participants. If students are under 18 years old, the student/participant references should be accompanied by, or attached to, a letter from the appropriate teacher or youth program coordinator. (Note: Department chairs, directors, supervisors, or colleagues may be helpful sources for this information if you are not at the same institution as the person you are nominating.)
4. The Education Committee will solicit appropriate supporting materials, including those indicated in nominating letters (e.g., documentation of other teaching awards, peer and student evaluations, additional references, evidence of innovation in curriculum development, development of educational tools, programs, or multimedia products, or other appropriate indicators of superior educating).
5. If you would like to **renominate** an individual for the award, please submit a letter indicating that you are doing so and provide any additional information you feel might be helpful to the committee. Please also include the date of the original nomination. Names of additional peer or student reviewers may also be provided.

### ABS STUDENT RESEARCH GRANTS DEADLINE 30 DECEMBER 2010

#### JOINT APPLICATION PROCESS

Applicants for the following grants may apply via a single application process: **ABS Student Research Grant; E. O. Wilson Conservation Award; George W. Barlow Award; Amy R. Samuels Cetacean Behavior & Conservation Award; Developing Nations Research Grant**. Application materials should be submitted through the ABS website:

<http://animalbehaviorsociety.org>. This grant site is now open and will close on Thursday, 30 December 2010 (midnight, Eastern Standard Time). Submissions will not be accepted after the closing date. Students who have paid their society dues in full prior to Friday, 17 December 2010 will be eligible to submit a grant application. **If you have any questions about your membership, problems with the grant site or the submission process, contact the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu))** prior to Friday, 17 December 2010. For questions regarding application content or the grant review process, potential applicants for these grants may contact ABS Senior Member-at-Large 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](mailto:jpodos@bio.umass.edu)) with

### **ABS Student Research Grant**

ABS Student Research Grants for graduate student research are awarded at a level of US\$500 to \$2000 each, depending on referee evaluations. Applicants must: (1) be currently enrolled in a graduate program; and (2) be active student members of ABS, enrolled or renewed by Friday, 17 December 2010, and (3) have contacted the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) to activate their grant account by Friday, 17 December 2010. The deadline for receipt of completed submissions is Thursday, 30 December 2010 (midnight, Eastern Standard Time). Late submissions will not be accepted. All applicants must arrange to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced in April 2011.

### **E. O. Wilson Conservation Award**

The Edward O. Wilson Conservation Award seeks to encourage graduate students of animal behavior to participate in meaningful conservation-related research. This single grant of up to US\$2000 supports a proposal considered meritorious for its integration of behavior and conservation. The award is named for Dr. E. O. Wilson, professor at Harvard University, one of the world's preeminent scientists and pioneers in biodiversity conservation. Dr. Wilson received the ABS Distinguished Animal Behaviorist Award in 2002. Applicants must: (1) be currently enrolled in a graduate program, (2) be active student members of ABS, enrolled or renewed by Friday, 17 December 2010, and (3) have contacted the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) to activate their grant account by Friday, 17 December 2010. The deadline for receipt of completed applications is Thursday, 30 December

2010 (midnight, Eastern Standard Time). Late submissions will not be accepted. All applicants must arrange to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced in April 2011.

### **George W. Barlow Award**

The George W. Barlow Award's purpose is to encourage excellence in graduate student research in the field of animal behavior. This grant 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. Applicants must: (1) be currently enrolled in a graduate program, (2) be active student members of ABS, enrolled or renewed by Friday, 17 December 2010, and (3) have contacted the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) to activate their grant account by Friday, 17 December 2010. The deadline for receipt of completed applications is Thursday, 30 December 2010 (midnight, Eastern Standard Time). Late submissions will not be accepted. All applicants must arrange to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced in April 2011.

### **Amy R. Samuels Cetacean Behavior & Conservation Award**

The purpose of the Amy R. Samuels Cetacean Behavior & Conservation Award is to provide financial support for graduate students studying cetacean behavior and/or cetacean conservation in natural environments. The goal of this grant is to encourage original and significant research that focuses on endangered populations or species, or on critically important problems in cetacean behavioral biology. This year, a grant of up to US\$2000 will be made to a successful applicant. The grant must be used for field research; it cannot be used for laboratory research. This grant will be awarded only if there are proposals deemed worthy by the committee in any given year. Thus, there may be years in which no award is made. Eligible applicants must: (1) be enrolled in a Masters or Doctoral Program in a University accredited by a regional college association, (2) be members in good standing of one of the following professional societies: Animal Behavior Society or Association of the Study of Animal Behaviour (enrolled or renewed by Friday, 17 December 2010), and (3) have contacted the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) to activate their grant account by Friday, 17 December 2010. The

deadline for receipt of completed applications is Thursday, 30 December 2010 (midnight, Eastern Standard Time). Late submissions will not be accepted. All applicants must arrange to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced in April 2011. ASAB members planning to apply for this grant must contact the Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) prior to Friday, 17 December 2010 to be able to submit an application through the ABS web site.

Note: Applicants may receive only one of the following grants in a lifetime: ABS Student Research Grant; E. O. Wilson Conservation Award; George W. Barlow; Amy R. Samuels Cetacean Behavior & Conservation Award).

### **Animal Behavior Society Developing Nations Research Grant**

ABS announces the annual Developing Nations Research Grant Competition. The funds are intended to provide financial support for scientific studies of animal behavior conducted by current Animal Behavior Society student members, as well as more established researchers, who are residents of a developing nation and are conducting research at an institution in a developing nation. (Please note that developing nation student members of ABS are also eligible to apply for the annual Student Research Grants Competition, and are eligible to receive both a Developing Nations Research grant and a Student Research Grant, but not in the same year.)

The following nations shall not be considered developing nations: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, the Netherlands, the United Kingdom, and the United States. Grants are awarded for research to be conducted within a 1-year period from the date of receipt of this grant.

Applicants must be active members of ABS (i.e., enrolled or renewed by Friday, 17 December 2010) and have contacted the ABS Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) to activate their grant account by Friday, 17 December 2010. The deadline for receipt of completed applications is Thursday, 30 December 2010 (midnight, Eastern Standard Time). Late submissions will not be accepted. All applicants must arrange to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant

Committee, and decisions will be announced in April 2011.

### **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, 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](mailto:mryan@mail.utexas.edu).



Sue Margulis (Education Committee) presents the Genesis Undergraduate Poster award to Kelly Devlin at the 2010 ABS banquet in Williamsburg

### **LATIN AMERICAN TRAVEL AWARD**

The Latin American Travel Awards are intended to encourage greater participation of Latin American researchers in ABS meetings, by helping to defray the costs of international travel, housing, and/or meals at meetings. These awards are restricted to Latin American graduate students enrolled in programs in Latin American institutions, who will be presenting a talk/poster at the ABS meeting. Priority will be given to Ph.D. students who are attending an ABS meeting for the first time and who have not received a Latin American Travel Award in previous years. Award values vary according to funds available. **The deadline for applying is 1 APRIL 2011.**

You may apply for a Latin American Travel Award once you have successfully submitted an abstract for a talk or poster, via the 2011 meeting web page. To apply for a Latin American Travel Award, please submit by email **a single electronic file** (.pdf is preferred) that contains the following materials, to Member at Large, Dr. Scott Forbes ([s.forbes@uwinnipeg.ca](mailto:s.forbes@uwinnipeg.ca)): (1) a copy of the abstract of your talk or poster; (2) a short CV (two pages maximum); (3) a brief statement (one page maximum)

explaining how the meeting will enhance the applicant's career development; and (4) an itemized budget estimating travel costs, the amount of funds available or requested from other sources, and the amount requested from ABS.

**CALL FOR 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, [mandrade@utsc.utoronto.ca](mailto:mandrade@utsc.utoronto.ca).

**DIVERSITY FUND STUDENT REGISTRATION  
FEE AWARD**

The Diversity Fund Student Registration Fee Awards are intended to encourage participation and defray costs of attending the annual Animal Behavior Meetings by covering registration fees for graduate students and, in some cases (see below), established professionals, of under-represented minorities. Awards will be made by lottery of all valid applications received before the deadline, which is **1 APRIL 2011**. Applications should be emailed to ABS Treasurer, Dr. Philip Stoddard ([stoddard@fiu.edu](mailto:stoddard@fiu.edu)). Please include in the subject line "ABS Diversity" followed by your name. Preference is given to individuals presenting research results.

**Eligibility:** Applicants from North America must be enrolled in a graduate program at the time of application and must be members of under-represented minorities who are of African, Asian, or Latin American descent or of Native American heritage. Citizens (graduate students or established professionals) of Latin American countries and non-white citizens of African countries are also encouraged to apply.

**ABS CAREER WORKSHOP**

**THRIVING AS A BEGINNING ASSISTANT  
PROFESSOR**

The third in a series of career workshops sponsored by the ABS Education Committee took place on Monday evening, July 25<sup>th</sup> at the annual conference in Williamsburg, VA. With approximately 50-75 attendees, the workshop delved into issues relating to the transition from graduate student (or post-doc) to faculty. Presenters included:

- Dr. Jennifer Mather, University of Lethbridge, Canada: "Finding a Balance" (this talk was presented by Dr. Sue Margulis, Canisius College)
- Dr. Kaci Thompson, University of Maryland, USA: "Teaching Strategies"
- Dr. Gail Patricelli, University of California at Davis, USA: "Building a Research Career"
- Dr. Gabriel Francescoli, Facultad de Ciencias, Uruguay: "Latin American Careers"
- Dr. Jennifer Penner, Hendrix College, USA "When Teaching is the Main Focus"

Extensive discussion followed these presentations, and centered around issues of balancing teaching and research, strategies for surviving the first year, and deciding on a research- versus teaching-focused career. Discussion could have continued, were it not time to lock up the building!



**From left to right:** Lorena Rangel, Tim Golden, Peggy Hill (ABS Parliamentarian) and Emm Sanchez at 2010 ABS meeting banquet in Williamsburg

**ANNOUNCEMENTS**



**ABS 2011 MEETING AT INDIANA  
UNIVERSITY, BLOOMINGTON**

(<http://www.indiana.edu/~behav11/>)

The first-ever joint meeting of the Animal Behavior Society (ABS) and the International Ethological Conference (IEC) will be held at Indiana University, Bloomington, Indiana, hosted by Emilia Martins, from July 25<sup>th</sup> to July 30<sup>th</sup>, 2011. ABS President Susan Foster and Secretary General of the ICE Judy Stamps join together to invite members of both societies to attend what we expect will be an unusual and very exciting meeting. We are planning a stimulating, integrative scientific program that draws on the

strengths of both the IEC and the ABS, and hope you can join us! **Registration opens on Jan. 15<sup>th</sup> and abstract submission starts on March 1<sup>st</sup> (earlier than is the norm for ABS meetings!!).** Plan on registering and submitting your abstract early, since **there are a limited number of openings for oral presentations.** Indiana University was founded in 1820 and the Bloomington campus is considered the flagship campus of Indiana University's eight campuses statewide. The central location of Bloomington in the heart of the Midwest makes it easily accessible by plane or car. Check the website for details on housing and developments relative to the academic program. You can also subscribe to the *listserv* to get notices when new information is added to the site (send an email to [listserv@indiana.edu](mailto:listserv@indiana.edu) with the following text in the body of the note: Subscribe Behav11-L).

### **2011 WARDER CLYDE ALLEE COMPETITION**

The 2011 Warder Clyde Allee Competition for Best Student Paper will take place July 25 to 30 at Indiana University, in Bloomington, Indiana. All eligible students are encouraged to participate. The following rules govern the Allee Award for best student paper presented in the Warder Clyde Allee session at the annual meeting:

**Eligibility requirements:** Any independent graduate student research (including, but not limited to, the doctoral dissertation) is eligible. The work presented may be part of a larger collaborative effort, but the student should be first author and have the principal responsibility for the conceptualization and design of the research, the collection and analysis of the data, and the interpretation of the results. The entrant cannot have been awarded the Ph.D. Degree before the preceding ABS annual meeting (for the 2011 competition, this date is July 25, 2010). An individual can enter the session only once per lifetime.

**To enter:** Students must indicate their desire to be considered for the competition by checking the appropriate box on the abstract submittal form for the annual meeting; submit an electronic version of their paper, which includes their addresses, telephone numbers, and e-mail addresses; fill out a signed and dated form indicating that they meet all eligibility requirements (to be supplied to entrants after receipt of their papers); present a spoken version during the 2011 Annual Meeting; attend both the Allee welcoming dinner on the evening before the competition day and the banquet during the Annual Meeting. The spoken portion of the competition is limited by the number of papers that can be presented on the day assigned for

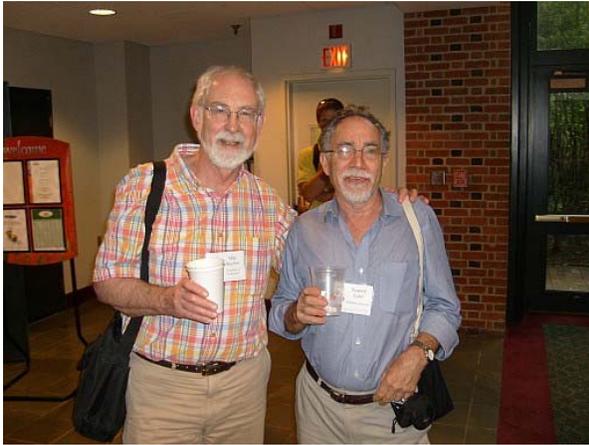
the competition. Applications for the 2011 competition, including the written paper, will be due on February 1<sup>st</sup>, exactly one month before the meeting abstract submission date (March 1<sup>st</sup>, 2011). This will enable the Allee judges to evaluate the written papers and determine further eligibility. Applicants will be informed of status prior to the abstract submission due date for the meeting. The manuscript must be submitted in electronic PDF format, of no more than seven double-spaced, line-numbered, text pages, and no more than a total of four tables and/or figures (this limit does not include abstract, references, or acknowledgments), and must be received by ABS 2<sup>nd</sup> President-Elect Robert Seyfarth, Department of Psychology, University of Pennsylvania, 3720 Walnut Street, Philadelphia, Pennsylvania 19104-6196, USA. E-mail: [seyfarth@psych.upenn.edu](mailto:seyfarth@psych.upenn.edu). Electronic submission is required. If you do not receive acknowledgement of receipt within 7 days, please send a follow-up query. Papers **MUST** be formatted using the instruction for authors for a research paper in the journal *Animal Behaviour* to insure eligibility. Check instructions at the site:

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/622782/authorinstructions](http://www.elsevier.com/wps/find/journaldescription.cws_home/622782/authorinstructions). If significant new results arise after submission, students may submit a one-page addendum to their papers up to 30 days before the first day of the Annual Meeting. Questions should be addressed to Robert Seyfarth, [seyfarth@psych.upenn.edu](mailto:seyfarth@psych.upenn.edu).

### **GENESIS AWARD POSTER COMPETITION**

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 indicate they do not want to be included in the competition when they submit their abstract. Judging criteria include significance of the research topic, research methods, research results, and presentation. Presentation encompasses the student's oral discussion with the judges and the poster itself, including clear statements of the questions 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. Information about this award is available at the ABS website link:

<http://animalbehaviorsociety.org/grants-and-awards/meeting-related-awards/genesis-award-for-undergraduate-research>. Further information, if needed, can be obtained from the Education Committee Chair, Jennifer Mather, [mather@uleth.ca](mailto:mather@uleth.ca).



Mike Beecher and Jeff Galef during a relaxed moment at the ABS 2010 meeting in Williamsburg

### UPDATED GUIDE TO PROGRAMS IN ANIMAL BEHAVIOR AVAILABLE

An updated PDF version of the *Guide to Programs in Animal Behavior* has been posted to the web (<http://www.animalbehavior.org/ABSEducation/programs-in-animal-behavior>). The Guide is intended to aid students interested in pursuing undergraduate or graduate opportunities in animal behavior. It is meant as a **first step** in choosing an appropriate program. While the Guide focuses on graduate programs, undergraduates should also find the information useful since most universities with significant graduate programs will also have undergraduate courses and electives taught by animal behavior faculty.

Each program listed in the Guide contains:

- a) A general overview of the program, including specialized focus(es);
- b) Web page URL for additional program information;
- c) Degrees offered;
- d) Special facilities of interest to animal behavior researchers;
- e) Application deadline information;
- f) Contact information for queries.

Listings are organized by country, state/province, and institution. Entries are program-level (i.e., a university offering degree-granting programs through both Biology and Psychology will have two listings). Currently the listings include institutions in the US and Canada. We will add institutions in Mexico, Central and South America in future versions. Our intent at this stage is to make a base guide available and expand/correct listings on a continuing basis. Please send corrections, deletions, or new programs for the Guide to the Education Committee chair, Dr. Jennifer Mather, [mather@uleth.ca](mailto:mather@uleth.ca). Depending upon demand, we may make a printed version available through the

Central Office ([aboffice@indiana.edu](mailto:aboffice@indiana.edu)) in 2011. A searchable online version of the Guide is in the works now and should be available soon. Contact Shan Duncan at [aboffice@indiana.edu](mailto:aboffice@indiana.edu).

### JOIN AN ABS COMMITTEE!

Would you like to volunteer for one of the society's active committees? This is an important and rewarding way to participate in the business of the society, and we need your help! Committees include Membership, Policy, Public Affairs, Education, Latin American Affairs, Conservation, Animal Care, Film and others.

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

### 2012 ABS MEETING - ORGANIZING YMPOSIA 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 2012 meeting are due before the annual meeting at Indiana University in 2011** and will be circulated to the Executive Committee - EC prior to the Annual Meeting and then discussed at the EC meeting.

The 2012 meeting is scheduled for 4-7 June. 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)

## MEETINGS

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

**2012:** 4-7 June, followed by the Human Behavior and Evolution Society (HBES) meeting from June 7-10 (one day overlap of open sessions for members of both societies) at Albuquerque, New Mexico.

## OTHER US MEETINGS

**2011: SICB Annual Meeting**, 3-7 January, Salt Lake City, Utah: <http://www.sicb.org/meetings/2011/>.

**2011: American Association for the Advancement of Science (AAAS)**, 17-21 February, Washington, DC.

## INTERNATIONAL MEETINGS

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

**2011: 13th European Society for Evolutionary Biology Congress**, 20-25 August, Tübingen in Germany. [www.eseb.org](http://www.eseb.org).

**2012: 14th Congress of the International Society of Behavioral Ecology**, 11-17 August, Lund, Sweden.



Andy Sih shapes out an argument to Lynn Houck at the 2010 ABS meeting in Williamsburg

## CANDIDATES FOR THE 2011 ELECTION OF ABS OFFICERS

The order in which candidates are listed may influence voting. Please avoid this bias in making your choice. This year the candidates are listed in REVERSE alphabetical order

### Second President-elect:

#### Daniel I. Rubenstein

*Education:* B.S., Zoology, 1972, University of Michigan; Ph.D., Zoology, 1977, Duke University; M.A., 1978, Cambridge University, UK; NSF-NATO Postdoctoral and Junior Research Fellowship, 1977-1980, King's College, Cambridge, UK; M.A. and Eastman Professorship, 2003, Oxford University, UK.

*Current Position:* Class of 1877 Professor of Zoology; Chair, Department of Ecology and Evolutionary Biology, Princeton University; Director, Program in African Studies, Princeton University; Princeton's Representative and Chair, Science Advisory Committee, Mpala Research Centre, Kenya.

*Research Interests:* Behavioral ecology: decision-making in mammals and fish; effect of environmental variation and individual differences on social structure, behavioral relationships within populations and movement patterns; fieldwork with horses, zebras, wild asses, fish, spiders, birds and insects; conservation biology, focusing on human-wildlife interactions.

*ABS and Related Activities:* ABS member since 1974; elected ABS Fellow 1988; elected Fellow, American Association for the Advancement of Science (AAAS) 2003; Presidential Speaker, 46<sup>th</sup> ABS Annual Meeting, Brazil, 2009; Member of many NSF Animal Behavior Panels; Organizer of 4<sup>th</sup> ISBE Conference, Princeton University, 1992; Consulting Editor, *Animal Behaviour* 1979-80; Associate Editor, *Behavioral Ecology and Sociobiology*, 1991-2000; *Animal Behaviour* 'Top Reviewer' in 2007.

#### Robert M. Gibson

*Education:* B.A., 1974, Oxford University; Ph.D., 1978, University of Sussex; Postdoctoral research at the Ruhr-University, University of Cambridge and UC San Diego.

*Current Position:* Professor of Biological Sciences, University of Nebraska-Lincoln.

*Research Interests:* social evolution and its interface with population ecology; sexual selection; mate choice; visual communication; lek mating.

*ABS and Related Activities:* ABS member since 1982 (ASAB 1975-1981); elected ABS fellow 2000; Allee Competition judge 1990, 2005. Associate Editor Behavioral Ecology and Sociobiology 1993-present. NSF review panels: Special Emphasis in Integrative Biology 1993, Post-doctoral Fellowships in Environmental Biology 1996-8, Animal Behavior 2000, 2003, 2006, 2010.

**Secretary:**

**Sue Margulis**

*Education:* B.S., 1982, Bucknell University; M.A., 1985, University of Colorado at Boulder; Ph.D., 1996, University of Chicago; Postdoctoral Fellow, 1997-1998, University of Chicago; Postdoctoral Fellow, 1998-2000, Northwestern University.

*Current Position:* Assistant Professor of Biology and Animal Behavior, Ecology and Conservation, Canisius College.

*Research Interests:* Reproductive aging; influence of physical and social environment on behavior in zoos; behavioral methodology.

*ABS and Related Activities:* ABS member since 1979; Education Committee member, 2000-2006; Founder's Award judge, 2003; Genesis Poster Award judge, 2005-2007; 2009-2010 (Chair beginning 2010); ABS Outstanding Children's Book Award 2003; 2005-2009 (Chair 2006-2008); Member, EthoSource Advisory Board since 2002; Organizer, Animal Behavior Society Meeting workshop, 2006; Chair, Behavior Advisory Group of the Association of Zoos and Aquariums (AZA) 2005-2009; NSF Panelist for D-DIG 2009; NSF panelist for Animal Behavior 2010; Reviewer for Animal Behaviour, American Journal of Primatology, Zoo Biology.

**Caitlin Gabor**

*Education:* B.A., 1990, Aquatic Biology University of California, Santa Barbara; M.S., Biology, 1993, University of Louisiana, Lafayette; Ph.D., 1997, Environmental and Evolutionary Ecology, University of Louisiana, Lafayette; Post-doctoral Fellow, 1997-1999, University of Texas, Austin; Lecturer, 1999-2000, University of Texas, Austin.

*Current Position:* Associate Professor Department of Biology, Texas State University.

*Research Interests:* Chemical ecology of predator-prey interactions, hormones, sexual selection and speciation.

*ABS and Related Activities:* ABS member since 1992; NSF panelist (2005); NSF Graduate Research Panel (2010); Associate Editor for *Behavioral Ecology and Sociobiology* (2005-present), *Amphibia-Reptilia* (2009-present); Chair ABS Public Affairs Committee (2009-present); Mentor for ABS Turner Awardees (2003, 2010); coordination ABS 5K fun run (2010).

**Member-at-Large:**

**Gail Patricelli**

*Education:* B.A. with Honors, Biology and Studio Art, 1993, Whitman College; M.S., Biology, 2001, University of Maryland, College Park; Ph.D., Biology, 2002, University of Maryland, College Park; NSF Postdoctoral Fellow, Biological Informatics, 2002-2004, Cornell Laboratory of Ornithology, Cornell University.

*Current Position:* Associate Professor, Department of Evolution and Ecology, University of California, Davis.

*Research Interests:* Animal communication and sexual selection, with a focus on understanding diversity and complexity in animal signals.

*ABS and Related Activities:* ABS Member since 1995. Recipient of the ABS Warder Clyde Allee Award (2002); recipient of the ABS Outstanding New Investigator Award (2010); judge for Warder Clyde Allee award (2010); regular reviewer for *Animal Behaviour* and 19 other journals; reviewer for ABS student research grants 2004 and 2010; reviewer for NSF behavior and bioinformatics panels; unpaid consultation on noise pollution impacts on animal behavior for 14 state and federal agencies and 4 non-governmental conservation organizations.

**Mark Hauber**

*Education:* B.S. *summa cum laude*, Organismal Biology, 1996, Yale University; Ph.D., Neurobiology and Behavior, 2002, Cornell University; D.Sc., Biological Sciences, 2010, University of Auckland.

*Academic positions:* Miller Postdoctoral Fellow: 2002, UC Berkeley, Lecturer-through-Associate Professor in Animal Behaviour: 2004, University of Auckland; Associate Professor of Psychology: 2009 – Present, Hunter College of the City University of New York.

*Research Interests:* Behavioral ecology of avian brood parasites, mating systems, development of species recognition, seabird foraging and reproductive biology.

*ABS and Related Activities:* joined ABS first as graduate student; member then chair of the Public Affairs Committee in ABS 2004-5; joined ABS affiliate ASSAB (Australia/New Zealand) and SICB, rejoined ABS upon return to USA; submitted proposal to host the 2014 ABS meeting in New York City's Hunter College; presented own talks or funded graduate student attendance and presentations at several ABS and SICB (as ABS affiliate) meetings; frequent peer reviewer for *Animal Behaviour*, other journals, and NSF; editor of *BE* (2005-10), Associate Editor of *BES*, *Marine Biology*, and *Auk* (2009-Present).

### **Program Officer**

#### **Elizabeth Jakob**

*Education:* B.S., Biology, 1983, Cornell University; Ph.D., Animal Behavior, University of California at Davis; Postdoctoral Fellow, University of Canterbury, Christchurch, New Zealand, 1989-1990.

*Current Position:* Professor, Psychology Department, University of Massachusetts Amherst.

*Research Interests:* Visual perception and learning in jumping spiders; social behavior; behavior of invasive species.

*ABS and Related Activities:* ABS member since 1984; Allee Award 1989; judge for Allee competition 1993; frequent reviewer for *Animal Behaviour* and other behavior journals; reviewer for ABS student grants 1996-1998, 2006, and 2009; ABS Education Committee 2002-2005; NSF DDIG panelist 1997-1999; NSF Animal Behavior panel 2009; co-author of two animal behavior textbooks and co-editor of an animal behavior lab manual; past president of American Arachnological Society 2005-2007.

#### **Michael Beecher**

*Education:* B.A., 1963, Reed College; Ph.D., 1969, Boston University; Postdoctoral Fellow, 1969-1971, Harvard Medical School.

*Current Position:* Professor of Psychology & Biology, University of Washington

*Research Interests:* Evolution and mechanisms of animal communication, bird song, social behavior

*ABS and Related Activities:* ABS member since 1970; ABS Fellow 1998; ABS Distinguished Service Award, 2005; ABS Exemplar Award, 2007; ABS President 2002; ABS Executive Committee, 1994-97, 1999-2003; Executive Editor, *Animal Behaviour*, 1994-97; Editorial Board, 1985-1988, 1997-present; ABS-ASAB Negotiating Committee, 1997; Chair, ABS Ethics Committee, 1987-1990; Allee Committee, 1984, 2000, 2005; NSF Animal Behavior Panel, 1992-1995; NSF Program Director, *Animal Behavior*, 2006-2007; Head, UW Animal Behavior Program, 1980-present.

#### **NOTICE!**

Issues of the ABS Newsletter are published *first* on the ABS Web page. To get ABS news *fast*, point your browser to: [http:// animalbehaviorsociety.org/](http://animalbehaviorsociety.org/) → Resources → Newsletters.

## **OPPORTUNITIES**

### **Postdoctoral Fellowships in Evolutionary Biology and Related Fields**

We are now accepting proposals for Postdoctoral Fellowships at The National Evolutionary Synthesis Center (NESCent). We are looking to fund innovative approaches to outstanding problems in evolutionary biology. **Proposals are due December 1.** For more information, please see our website at <https://www.nescent.org/science/proposals.php>.

### **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 July 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). For more information, please see our website at <https://www.nescent.org/science/proposals.php>.

## **Graduate Fellowships in Evolutionary Biology and Related Fields**

NESCent is now including graduate training in its portfolio, by offering one-semester fellowships for graduate students to pursue research with a NESCent sabbatical scholar, a NESCent postdoctoral scholar, or a NESCent Working Group. Deadlines are January 1 (for a fall semester fellowship) and July 1 (for a spring semester fellowship). For more information, please see our website at <https://www.nescent.org/science/proposals.php>.

### **Seeking Clinical Behaviorist**

Our multi-doctor, mixed animal veterinary hospital is expanding and we would like to provide behavior consultation and training for our patients. We are located in the beautiful rocky mountains of Colorado, near Aspen. Please contact us at [lamshuman@comcast.net](mailto:lamshuman@comcast.net) if you are interested in discussing this position.

### **Postdoctoral Fellowships and Graduate Student Fellowships in Cognition and Decision Making**

The Center for Adaptive Behavior and Cognition at the Max Planck Institute for Human Development in Berlin, under the direction of Gerd Gigerenzer, seeks applicants for up to 2 two-year Postdoctoral Fellowships (with the possibility of a third year) and up to 2 two-year Graduate Student Fellowships (with the possibility of two six-months extensions). The positions are to begin on or after September 1, 2011. Please contact us for details about the eligibility requirements for the Graduate Student Fellowships.

Candidates should be interested in studying the cognitive mechanisms underlying bounded, social, and ecological rationality in real-world domains. Current and past researchers in our group have had training in psychology, cognitive science, economics, mathematics, biology, and computer science to name but a few. The Center provides excellent resources, including support staff and equipment for conducting experiments and computer simulations, travel support for conferences, and, most importantly, the time to think.

For more information about our group and other funding possibilities for graduate students please visit our homepage at [www.mpib-berlin.mpg.de/en/forschung/abc/](http://www.mpib-berlin.mpg.de/en/forschung/abc/). The working language of the center is English, and knowing German beforehand is not necessary. We strongly encourage applications from women, and members of minority groups. The Max Planck Society is committed

to employing more disabled individuals and especially encourages them to apply.

Please submit applications (consisting of a cover letter describing research interests, curriculum vitae, up to five reprints, and 3 letters of recommendation) by January 7th, 2011 to ensure consideration. However, applications will be accepted until the positions are filled. The preferred method of submission is a single PDF file for the cover letter and CV, plus PDF copies of the reprints e-mailed to [fellowships2011@mpib-berlin.mpg.de](mailto:fellowships2011@mpib-berlin.mpg.de). Letters of recommendation and questions can be emailed to the same address. Under exceptional circumstances applications can be mailed to Ms. Sylvaine von Franqué, Center for Adaptive Behavior and Cognition, Max Planck Institute for Human Development, Lentzeallee 94, 14195 Berlin, Germany.

### **Biological Psychologist - Tenure Track Assistant Professor**

*Description:* Join a vibrant campus community whose excellence is reflected in its diversity and student success. West Chester University (WCU) of Pennsylvania, located 35 miles west of Philadelphia, is seeking applicants for a Biological Psychologist - tenure track Assistant Professor beginning in fall 2011. The Department of Psychology is comprised of 21 full-time faculty and serves over 600 undergraduate majors and 100 master's degree students. Additional information is available at <http://www.wcupa.edu>.

*Requirements:* Candidates must have an active program of research in animal behavior and/or biopsychology (with a focus on research with animals) and must involve graduate and/or undergraduate students in this research. Candidates must have a commitment to teaching courses in biological psychology, animal behavior, and associated laboratory courses. Preferences will be given to candidates who are also interested in teaching research methods. Completion of a PhD in biological psychology, comparative psychology, or related area is required before the start of the Fall 2011 semester. Finalists must successfully complete on-campus interview and present a colloquium to demonstrate teaching and research excellence.

Please send a letter identifying courses you are prepared to teach, curriculum vitae, 3 letters of references, no more than 3 reprints or preprints, a statement of teaching philosophy and a statement of research interests to: Dr. Edward Pollak, Search Committee Chair, Department of Psychology, West Chester University, West Chester, PA 19383. Review of applications will begin on December 1, 2010 and

continue until the position is filled. Developing and sustaining a diverse faculty and staff advances WCU's educational mission and strategic Plan for Excellence. The University is an Affirmative Action Equal Opportunity Employer. Women and minorities are particularly encouraged to apply. The filling of this position is contingent upon available funding. All offers of employment are subject to and contingent upon satisfactory completion of all pre-employment criminal background and consumer reporting checks.

### **Environmental Stress - Tenure Track Assistant Professor**

The Department of Zoology at Oklahoma State University (<http://zoology.okstate.edu>) invites applications for an Assistant Professor in environmental stress. Areas of research emphasis could include, but are not limited to, natural and anthropogenic stressors, environmental physiology, toxicology, and global change. Applicants should have a Ph.D., post-doctoral experience, teaching experience, and success in obtaining extramural funding. Responsibilities include establishing an extramurally funded research program, mentoring M.S. and Ph.D. students, and teaching at the undergraduate and graduate level. To apply please 1) send a single pdf file composed of a cover letter, curriculum vitae, and separate statements of research interests and teaching philosophy; 2) send three publications; and 3) arrange to have three letters of recommendation sent in support. All of the items should be sent to the search committee chair, Dr. Jason Belden, at [zoologysearch@okstate.edu](mailto:zoologysearch@okstate.edu). Application review will begin **8 October 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.*

### **Post-doc and PhD Positions -Behavioural Ecology Institute of Ecology and Evolution, University of Bern, Switzerland**

*Post-doc:* Candidates are invited to apply for a postdoctoral research position to join our studies on evolutionary mechanisms of conflict and cooperation, with particular emphasis on generalized reciprocity, transitions towards complex sociality, and alternative reproductive tactics. Model species include Lake Tanganyika cichlids, Norway rats and ambrosia beetles. Applicants must be experienced in empirical behavioural research and state-of-the-art statistical analysis, and they should have an excellent publication record. Successful candidates will share in our teaching of behavioural ecology and supervision of students at undergraduate and graduate levels. The position is

initially for three years and can be prolonged (max. 10 years). Preferred start is January 2011.

*PhD Generalized Reciprocity:* We search for a PhD-applicant experienced in behavioural research to study the mechanisms of generalized reciprocity in wild-type Norway rats. Potential approaches include causal (e.g. hormonal regulation), functional (e.g. cost-benefit analysis) or developmental (e.g. social experience) levels. Candidates should have a sound background in evolutionary biology, and they should have successfully published previous work (e.g. from their master's thesis). The position is for three years and should preferably start in January 2011.

*PhD Developmental Effects:* A PhD-position is available to study effects of the early social environment on development of social behaviour with cooperatively breeding African cichlids as a model. The focus is on both, the molecular and physiological basis of developmental effects, and on their fitness consequences. The project involves experimental manipulation of social conditions and behavioural observations in a laboratory setting, quantification of gene expression in brain samples, and measurements of circulating hormone levels. Eligible candidates will have a master's degree in Biology and research experience in animal behaviour, a genuine understanding of evolutionary theory and a strong commitment to basic science. Practical skills in molecular techniques and in the work with fish would be advantageous. Preferred start: April 2011.

The successful candidates will join a bustling research environment consisting of about 10 PhD-students and advanced research staff, five technicians and a varying number of master's students and guest scientists. Besides this Behavioural Ecology group, the Institute of Ecology and Evolution at the University of Bern comprises research groups on Aquatic Ecology (Ole Seehausen), community ecology (Wolfgang Nentwig), Conservation Biology (Raphael Arlettaz), Evolutionary Ecology (Heinz Richner) and Population Genetics (Laurent Excoffier). Salaries will follow the schemes of the national funding organization of Switzerland.

*Closing date:* Open until filled, but all application materials, including CV, a summary of research experience, copies of any published or in-press papers, and two letters of recommendation should be received as soon as possible to ensure full consideration. Candidates should indicate in a cover letter for which position they apply and when they could take it up. Please send all application material to the secretary's office, c/o Marlis Gerteis, Dept. Behavioural Ecology, University of Bern, Wohlenstrasse 50A, CH-3032

Bern, Switzerland; or as e-mail attachments to [marlis.gerteis@iee.unibe.ch](mailto:marlis.gerteis@iee.unibe.ch). Please consult our webpage for information on our research: <http://behav.zoology.unibe.ch/> For inquiries please

contact [michael.taborsky@iee.unibe.ch](mailto:michael.taborsky@iee.unibe.ch) (positions 1 & 2) or [barbara.taborsky@iee.unibe.ch](mailto:barbara.taborsky@iee.unibe.ch) (position 3).

**MAIL BALLOTS IN AN ENVELOPE BEARING YOUR NAME TO:  
REGINA MACEDO, ABS SECRETARY, DEPARTAMENTO DE ZOOLOGIA – IB,  
UNIVERSIDADE DE BRASILIA, BRASILIA, D.F., 70910-900 BRAZIL**

**Or EXCEPTIONALLY by E-mail to: rhfmacedo@unb.br**

**BALLOTS RECEIVED AFTER 31 JANUARY 2011, CANNOT BE COUNTED**

Please vote on the following Constitutional changes proposed by the Executive Committee during the last ABS meeting (Williamsburg, 2010) and return your vote to rhfmacedo@unb.br.

(1) That the titles for Executive Committee officers, previously designated as *Senior Program Officer* and *Junior Program Officer*, will be changed to *Program Officer* and *Program Officer Elect*, respectively.

\_\_\_\_\_ I approve the change.

\_\_\_\_\_ I reject the change.

\_\_\_\_\_ I abstain.

(2) That Article 3 of the Constitution, concerning Membership, which currently states:

*Classes of Membership: The Society shall consist of Members and Fellows. Fellows are members who have engaged in research in animal behavior for at least ten years and who in the opinion of the elected officers and current Fellows of the society have made distinguished contributions to the field. **Not more than 5% of the active membership shall be Fellows.** All conditions of membership shall apply equally to Members and Fellows.*

**Will be changed to the following:**

*Classes of Membership: The Society shall consist of Members and Fellows. Fellows are members who have engaged in research in animal behavior for at least ten years and who in the opinion of the elected officers and current Fellows of the society have made distinguished contributions to the field. **Not more than 10% of the active membership shall be Fellows.** All conditions of membership shall apply equally to Members and Fellows.*

\_\_\_\_\_ I approve the change.

\_\_\_\_\_ I reject the change.

\_\_\_\_\_ I abstain.

**ABS OFFICERS ELECTION**

**BALLOTS RECEIVED AFTER 31 JANUARY 2011, CANNOT BE COUNTED**

You may cast write-in votes. We are electing four officers (terms begin at the end of the annual meeting). All ABS members (regular members, student members, emeritus members, and active fellows) may vote. Results will be announced in the February newsletter. All ballots will be destroyed after they are verified and counted.

**ABS OFFICERS**

Vote for one candidate for each office by placing an X in the blank following your choice. The candidate with the most votes will win the election. In case of a tie, a run-off election will be held.

**FOR SECOND PRESIDENT-ELECT:**

Robert M. Gibson \_\_\_\_\_  
Daniel I. Rubenstein \_\_\_\_\_  
Write-in \_\_\_\_\_

**FOR SECRETARY:**

Caitlin Gabor \_\_\_\_\_  
Sue Margulis \_\_\_\_\_  
Write-in \_\_\_\_\_

**FOR MEMBER-AT-LARGE:**

Mark Hauber \_\_\_\_\_  
Gail Patricelli \_\_\_\_\_  
Write-in \_\_\_\_\_

**FOR PROGRAM OFFICER:**

Michael Beecher \_\_\_\_\_  
Elizabeth Jakob \_\_\_\_\_  
Write-in \_\_\_\_\_

**The order of listing of candidates may influence voting. Please avoid this bias in making your choices. This year the candidates are listed in alphabetical order.**

**RETURN THIS BALLOT NO LATER THAN 31 JANUARY 2011.**

## Distinguished Teaching Award Call For Nominations Form

To nominate a colleague for the ABS Distinguished Teaching Award (one of the career awards), answer as many of these questions as you can. Use the back if you need more space, and feel free to attach additional pages as required. Department chairs, directors, supervisors, or colleagues may be helpful sources for some of this information if you are not at the same institution as the person you are nominating. Please submit by **31 March 2011** to Penny Bernstein, [pbernste@kent.edu](mailto:pbernste@kent.edu), Assoc. Prof. Biological Sciences, Kent State University Stark Campus, 6000 Frank Avenue, N. Canton, OH 44720. Questions can also be directed to Jennifer Mather, [mather@uleth.ca](mailto:mather@uleth.ca).

The Education Committee will solicit supporting materials, including those indicated in nominating letters (e.g., a teaching CV, documentation of other teaching awards, peer and student evaluations, additional references, evidence of innovation in curriculum development, development of educational tools, programs, or multimedia products, or other appropriate indicators of superior educating).

Name of Nominee: \_\_\_\_\_

Do you know that the nominee is a current member of ABS? (NOTE: Nominees must be current members of ABS, and current officers and committee chairs are not eligible; we can check if you are unsure).

Yes       No

Nominees must have demonstrated a sustained record of highly effective and innovative teaching in the classroom or in an informal education setting (e.g., zoos, aquaria, museums, 4-H programs, research labs and field stations, and environment centers).

In what setting does the nominee teach animal behavior, and what evidence can you provide that this teaching is highly effective and/or innovative?

Nominees should have a reputation among peers and students for sustained excellence in educating people about animal behavior. What evidence can you provide that this nominee has such a reputation?

If possible, please provide names of at least two additional peer reviewers:

\_\_\_\_\_  
\_\_\_\_\_

If possible, please provide names of at least two current or former students or program participants.

\_\_\_\_\_  
\_\_\_\_\_

If this is a re-nomination, what was the date of the original nomination?

Please also include any new information you feel might be helpful to the committee.

Name of Nominator: \_\_\_\_\_

Signature of Nominator: \_\_\_\_\_ Date: \_\_\_\_\_

# ANIMAL BEHAVIOR SOCIETY NEW MEMBER FORM

Online renewal and information re. Required Member Info and Privacy Policies is available at <http://animalbehaviorsociety.org/central-office/> and upon request.

## Required Information

Full Name (include 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

Pay dues online at: <http://www.animalbehavior.org/ABSPayments>

Update Personal Information at: <http://www.animalbehavior.org/ABSMembers/renew-membership/renew-your-membership>

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 and 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, Luxembourg, 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</b>	The George W. Barlow Award's purpose is to encourage excellence in graduate student research in the field of animal behavior.	
<b>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>Latin American Initiatives Fund</b>	Fund to help promote the initiatives of the Latin American Affairs Committee.	
<b>Unrestricted Fund</b>	General Donations to enable the society to respond effectively to emergencies and opportunities.	

### Payment Details

Check	Money Order	Dept Purch Cd	Visa	MasterCard	AMEX	Discover	VOLUNTARY DONATION To offset card fees. (\$1-2)		
Number:			Expires						
Signature of Card holder									
Name as it appears on Card (please print or type)									
Credit Card Billing Address if different from Correspondence address									
			<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)						<b>TOTAL PAID US Dollars</b>