



# NEWSLETTER

## Animal Behavior Society

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Jan A. Randall, Secretary  
Department of Biology, San Francisco State University  
San Francisco, CA 94132 USA

Julia Barfield, Editorial Assistant  
Department of Biology, San Francisco State University, San Francisco, CA 94132 USA

### VOTE 2007 ABS ELECTIONS

*Please* take the time to vote in the upcoming election! Electronic information and ballot are enclosed in this newsletter. You can vote using this ballot OR you can **vote online** or via **e-mail ballot** (provided the Central Office has your e-mail address and you have approved its use for this purpose). **If you vote by regular mail, your name MUST be on the envelope.**

### DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society should be sent to Jan A. Randall, [jrandall@sfsu.edu](mailto:jrandall@sfsu.edu). Deadlines are the 15th of the month preceding each Newsletter. The next deadline is **15 January, 2007**. 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:  
<http://www.animalbehavior.org/>

*Animal Behaviour*, manuscripts and editorial matters: Animal Behavior Editorial Office, Indiana University, 2611 East 10th St, Bloomington, IN 47408-2603, USA. E-mail: [aboffice@indiana.edu](mailto:aboffice@indiana.edu), Phone: (812) 856-5541, Fax: (812) 856-5542.

Change of Address, missing or defective issues: Animal Behavior Society, Indiana University, 2611 East 10th St., Bloomington, IN 47408-2603, USA. Email: [aboffice@indiana.edu](mailto:aboffice@indiana.edu), Phone (812) 856-5541. Fax (812) 856-5542.

### ABS OFFICERS

**President:** Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019, USA. Phone: (405) 325-2751, E-mail: [dmock@ou.edu](mailto:dmock@ou.edu)

**First President-Elect:** Gerald Wilkinson, Department of Biology, University of Maryland, College Park, MA 20742, USA. Phone: (301) 405-6942, E-mail: [wilkinso@umd.edu](mailto:wilkinso@umd.edu)

**Second President-Elect:** Molly Morris, Department of Biological Science, Ohio University, Athens, OH 45701, USA. Phone: (740) 593 0337, E-mail: [morris@ohio.edu](mailto:morris@ohio.edu)

**Past President:** Stephen Nowicki, Department of Biology, Duke University, Box 90338, Durham, NC 27708-0325, USA. Phone: (919) 684-6950, E-mail: [snowicki@duke.edu](mailto:snowicki@duke.edu)

**Treasurer:** Jim Ha, Department of Psychology and National Primate Research Center, Box 357330, University of Washington, Seattle, WA 98195-7330, USA. Phone: (206) 543-2420, E-mail: [jcha@u.washington.edu](mailto:jcha@u.washington.edu)

**Secretary:** Jan Randall, Department of Biology, San Francisco State University, San Francisco, CA 94132, USA. Phone: (707) 874-3876, E-mail: [jrandall@sfsu.edu](mailto:jrandall@sfsu.edu)

**Program Officer:** Jennifer Fewell, School of Life Sciences, Arizona State University, Tempe AZ 85287, USA. Phone: (480) 965-6539, E-mail: [j.fewell@asu.edu](mailto:j.fewell@asu.edu)

**Junior Program Officer:** Diana Hews. Department of Ecology and Organismal Biology, Indiana State University, Terre Haute, IN 47809, USA. Phone: (812) 237-8352, E-mail: [dhews@indstate.edu](mailto:dhews@indstate.edu)

**Parliamentarian:** Jill Mateo, University of Chicago, 5730 S. Woodlawn Avenue, Chicago, IL 60637, USA. Phone: (773) 834-9848, E-mail: [jmateo@uchicago.edu](mailto:jmateo@uchicago.edu)

**Executive Editor:** Michael Breed, Department of Ecology and Evolutionary Biology, University of Colorado, CB 334, Boulder, CO 80309-0334, USA. Phone: (303) 492-7687, E-mail: [michael.breed@colorado.edu](mailto:michael.breed@colorado.edu)

**Members-at-Large:** Chris Evans, Animal Behavior Laboratory, Department of Psychology, Macquarie University, Sydney NSW

2109, Australia, Phone: 61 (0)2 9850-9230, E-mail: [chris@galliform.psy.mq.edu.au](mailto:chris@galliform.psy.mq.edu.au),

Regina H. Macedo, Departamento de Zoologia, Universidade de Brasília 70910-900 - Brasília - DF - Brasil, Phone: +55-61-307-2265, E-mail: [rhmacedo@unb.br](mailto:rhmacedo@unb.br)

John Eadie. Department of Wildlife, Fish & Conservation Biology, University of California, Davis CA 95616, USA. Phone: (530) 754-9204, E-mail: [jmeadie@ucdavis.edu](mailto:jmeadie@ucdavis.edu)

**Historian:** Donald Dewsbury, Department of Psychology, University of Florida, Gainesville, FL 32611, USA. Phone: (352) 392-0601, E-mail: [dewsbury@ufl.edu](mailto:dewsbury@ufl.edu)

## 2007 ABS CAREER AWARDS

The following Career Awards were selected by the Executive Committee from nominations submitted by ABS members. Recognition of the award and Certificates of Achievement will be presented during the banquet at the 2007 annual meeting in Vermont to the following award recipients:

**Judy Stamps, Distinguished Animal Behaviorist**, for her outstanding career in animal behavior.

**Mike Beecher, Exemplar Award** for his major long-term contribution in animal behavior.

**Al Kamil, Quest Award** for an outstanding seminal contribution in animal behavior.

**Zuleyma Tang Martinez, Exceptional Service Award** for her extraordinary service to ABS.

## CALL FOR NOMINATIONS FOR 2007 CAREER AWARDS

The Animal Behavior Society recognizes excellence in research and service through its Career Awards. They include **Distinguished Animal Behaviorist** for outstanding lifetime achievement in animal behavior; **Exemplar Award** for a major long-term contribution to animal behavior; **Outstanding New Investigator** for outstanding contribution by a new investigator; **Quest Award** for sustained service contribution to the Animal Behavior Society; and the **Animal Behavior Society Teaching Award** that honors distinguished contributions in teaching animal behavior to undergraduates. (See separate announcement below.)

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 procedure involved, the following items must be submitted for nominations: (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 the award; (2) a curriculum vitae of the nominee, and (3) additional supporting letters from colleagues solicited by the nominator. These materials (except for the teaching award) should be sent to ABS Past President, Stephen Nowicki, Department of Biology, Duke University, Box 90338, Durham, NC 27708-0325, USA. Phone: (919) 684-6950, E-mail: [snowicki@duke.edu](mailto:snowicki@duke.edu). DEADLINE: **1 March, 2007.**

## MIKE NOONAN DISTINGUISHED TEACHER 2006

The Education Committee recognized Dr. Mike Noonan, Psychology Department, Canisius College, Buffalo, New York, for his record of sustained, outstanding excellence in the teaching of animal behavior-related undergraduate courses. The committee was particularly impressed by Dr. Noonan's 27-year student evaluation average of 4.52 on a 5-point scale, especially given that students rated his courses as among some of the more challenging at the college. The committee also noted the diversity of courses taught, and the range and quality of Dr. Noonan's various mentoring and outreach programs, particularly the Zoology Club and Ambassadors for Conservation. Not only do these programs provide unprecedented opportunities for students, stressing a diversity of sites and learning experiences, they also emphasize students teaching others (often thousands!), a component the committee felt was extremely valuable and set Dr. Noonan's teaching apart. Dr. Noonan is an active researcher and involves his students in meaningful ways, including as co-authors on published papers. Letters of support from colleagues and students described Dr. Noonan as dynamic, engaging, innovative and knowledgeable in the classroom and noted his ability to inspire students to learn. One former undergraduate, who is currently pursuing a graduate degree and expects to teach in the future, perhaps summarized best the kind of impact Dr. Noonan has on his students, "Simply put - I want to be Dr. Noonan when I grow up."

## DISTINGUISHED TEACHING AWARD CALL FOR NOMINATIONS 2007

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 should be submitted by **31 March, 2007**, to Becky Talyn, 7883 Stewart Road, Colton, CA 92324, USA. E-mail: [btalyn@csusb.edu](mailto:btalyn@csusb.edu).

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

### JOINT APPLICATION PROCESS STUDENT RESEARCH AWARDS, E.O. WILSON CONSERVATION AWARD, CETACEAN BEHAVIOR & CONSERVATION AWARDS, DEVELOPING NATION RESEARCH AWARDS

Applicants for any of the ABS-sponsored research grants may apply via a **single application process**. Application materials should be submitted through the ABS website, which is scheduled to open on Monday, **20 November, 2006**. Information regarding the submission of special files (e.g., figures) is available on that site, as well as information about the requirements for a letter of support should the proposal be short-listed. Individuals unable to submit their applications through the website should contact ABS Senior MAL, Chris Evans, Animal Behavior Laboratory, Department of Psychology, Macquarie University, Sydney NSW 2109, Australia, Phone: 61 (0)2 9850-9230, E-mail: [chris@galliform.psy.mq.edu.au](mailto:chris@galliform.psy.mq.edu.au).

**Applicants may receive only one of these grants** in any given year. Individuals who have previously received an ABS Student Research Grant are ineligible to receive additional ABS Student Research Grant, but may apply for the Cetacean Behavior & Conservation or Developing Nation Research Grants.

### APPLICATIONS FOR ABS STUDENT RESEARCH GRANT

The ABS Student Research Grant Committee announces the 2007 competition for funds in support of graduate student research. Approximately US\$26,000 will be available to support students at a level of \$500 to \$1000 each, depending on the evaluations.

**Applicants must be:** (1) Currently enrolled in a graduate program; and (2) active student members of ABS, **enrolled or renewed as of 12 January, 2007**. The **DEADLINE** for receipt of completed applications is Friday, **26 January, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is short-listed for a possible award, you will be contacted to provide a letter of support from an advisor or scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced by 1 April, 2006.

**Application Process:** Please see the Joint Application Process above.

**CALL FOR APPLICATIONS  
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 award of up to US \$1000 supports a proposal considered meritorious for its integration of behavior and conservation. E. O. Wilson, professor at Harvard University, who in 2002 received the ABS Distinguished Animal Behaviorist Award, is one of the world's most eminent scientists and pioneers in biodiversity conservation.

**Applicants must be:** (1) currently enrolled in a graduate program; and (2) active student members of ABS, **enrolled or renewed as of 12 January, 2007**. The **DEADLINE** for receipt of completed applications is Friday, **26 January, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is short-listed for possible award, you will be contacted to provide a letter of support from an advisor or scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced by 1 April, 2006.

**Application Process:** Please see the Joint Application Process.

**CALL FOR APPLICATIONS  
THE CETACEAN BEHAVIOR AND  
CONSERVATION (CBC) AWARD**

**Purpose:** The Cetacean Behavior and Conservation Award was established in 2001 to provide financial support for graduate students studying cetacean behavior and/or cetacean conservation in natural environments. The goal of the award is to encourage original and significant research that focuses on endangered populations or species, or on critically important problems in cetacean behavioral biology.

**Award:** A maximum of two awards of a maximum of US\$1000 each will be made to successful applicants. The award must be used for field research; it cannot be used for laboratory research. The award shall be given only if there are proposals deemed worthy by the judges in any given year. Thus, there may be years in which no award is made.

**Eligibility:** Applicants must be enrolled in a Masters or Doctoral Program in a University accredited by a regional college association. Applicants must also be members in good standing of one of the following professional societies: Animal Behavior Society or Association of the

Study of Animal Behaviour, **i.e., enrolled or renewed as of 12 January, 2007**. ASAB members wishing to apply for this award must contact Steve Ramey, [aboffice@indiana.edu](mailto:aboffice@indiana.edu) **prior to 12 January, 2007** to have an account set up on the society server.

The **DEADLINE** for receipt of completed applications is Friday, **26 January, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is short-listed for possible award, you will be contacted to provide a letter of support from an advisor or scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and decisions will be announced by 1 April, 2006.

**Application Process:** Please see the Joint Application Process.

**CALL FOR PROPOSALS  
ANIMAL BEHAVIOR SOCIETY  
DEVELOPING NATIONS RESEARCH  
GRANTS 2007**

ABS announces the ninth annual Developing Nations Research Grant Competition. The funds are intended to provide financial support for scientific studies of animal behavior conducted by **current members of ABS**. Applications are invited from student members as well as more established members of the research community. Only members of the Animal Behavior Society who are residents of a developing nation and are conducting research at an institution in a developing nation are eligible to apply. (Please note that student members of ABS are also eligible to apply for the annual Student Research Grants Competition.)

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

**Applicants must be** active members of ABS, **i.e., enrolled or renewed as of Friday, 12 January, 2007**. The **DEADLINE** for receipt of completed applications is Friday, **26 January, 2007**.

**Application Process:** See the Joint Application Process above.

**For further information** contact Regina H. Macedo, Departamento de Zoologia, Universidade de Brasília 70910-900 - Brasília - DF - Brasil. Phone: +55-61-307-2265, E-mail [rhfmacedo@unb.br](mailto:rhfmacedo@unb.br)

**CALL FOR SYMPOSIA  
FOR THE 2008 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 February 2008 at a location to be announced. Anyone interested in organizing a symposium for the meeting please contact Jan Randall at [jrandall@sfsu.edu](mailto:jrandall@sfsu.edu).

**ARTICLES**

**THE CHANGING FACE OF THE ANIMAL  
BEHAVIOR SOCIETY**

The following pictures were taken at the 2006 annual meeting of the Animal Behavior Society at Snowbird, Utah. I have noticed more diversity among students attending the meetings and thought that the members might be interested to see how our society is looking these days.



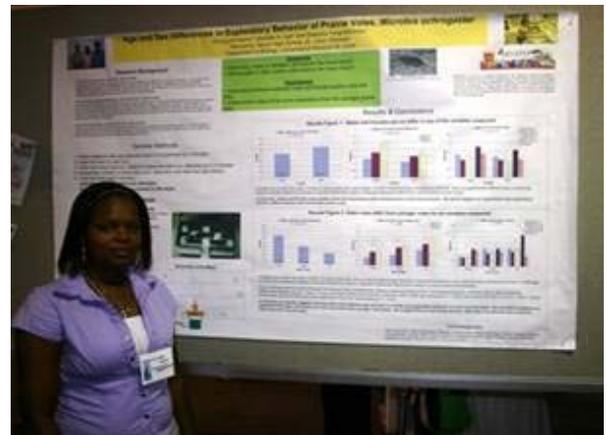
Left to right: Chanin Miller, Tuskegee University, Leilana Lucas, University of Puget Sound, Richie Madewell, Indiana University, Jacqueline Watson, University of Pennsylvania

Students (pictured below) from Latin America chat with Zuleyma Tang-Martinez, a founder of the Latin America Affairs Committee and the Latin America Travel grants that help support travel from Latin America to ABS meetings.



Left to right: Miguel Angel Bedoya, Universidad Simon Bolivar, Venezuela; Fernando Solex Guardia, Universidad de Costa Rica, Costa Rica; Zuleyma Tang-Martinez, University of Missouri at St. Louis; John Chaves Campos, from Costa Rica and a student at Purdue.

AnnaLynn Harris, Normandy Senior High School, St. Louis, Missouri, is an example of efforts to interest students early in science and the study of animal behavior. AnnaLynn participated in the Genesis competition at the ABS meeting. Her project was supported by the Mo-Step, K-12 program of NSF and was co-authored by Danielle Lee and Zuleyma Tang-Martinez, University of Missouri-St. Louis.



AnnaLynn Harris, a high school student, stands by her poster, "Exploratory and activity behavior of prairie voles in a novel environment."

The increased interest in animal behavior in Latin America was seen at the first Regional Latin American Meeting of ABS held in Xalapa, Mexico, 8-12 October. Look for more information about the Mexico meeting in the February newsletter.



A student from Xalapa, Odette Brunnelle, explains how her flies behave to Bill Eberhard at the first regional Latin American Meeting of ABS

Picture by Rogelio Macias-Ordenez

## ANNOUNCEMENTS

### 2007 WARDER CLYDE ALLEE COMPETITION

The Warder Clyde Allee Competition for Best Student Paper will take place at the 2007 Annual Meeting in Burlington Vermont, 21-26 July. 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 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 completed defense of the doctoral dissertation before the preceding ABS annual meeting (August 2006). An individual can enter the session only once per lifetime. Only single-authored papers are eligible for the session

**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 a written (or 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 2007 Annual Meeting; attend both the Allee welcoming dinner on the evening before the competition day; and attend the banquet during the Annual Meeting. The spoken portion of the competition is limited to 18 students. If more than 18 students enter, the Allee Judges will select the best 18 submitted papers for the spoken paper session and further eligibility. Four (4) copies of a written version, or an electronic version in PDF format, of no more than seven double-spaced text pages, and no more than a total of four tables and/or figures (this limit does not include abstract, references, or acknowledgments) must be received by ABS 2nd President Elect, Dr. Molly R. Morris, Department of Biological Sciences, Ohio University, Athens OH, 45701 USA. E-mail: [morrism@ohio.edu](mailto:morrism@ohio.edu). Papers should be formatted using the instruction for authors for a research paper in the journal *Animal Behaviour* ([http://www.elsevier.com/wps/find/journaldescription.cws\\_home/622782/authorinstructions](http://www.elsevier.com/wps/find/journaldescription.cws_home/622782/authorinstructions)).

**Deadline for receiving papers is the same as for abstract submissions for the annual meeting, 15 May, 2007.** 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 Dr. Molly R. Morris, E-mail: [morrism@ohio.edu](mailto:morrism@ohio.edu).

Below are the 2006 recipients of the Allee Award (left to right): Aaron Rundus (Allee award recipient), Sarah Huber (runner-up), and Vince Formica (runner-up).



**GENESIS AWARD POSTER COMPETITION  
REMINDER:**

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 submit 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.

**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, Animal Care, Public Affairs, Education, Film, Conservation, Latin American Affairs, and others. Contact ABS President Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019, USA. Phone: (405) 325-2751, E-mail: [dmock@ou.edu](mailto:dmock@ou.edu)

**ABS SYMPOSIA AND WORKSHOPS**

Submit symposia, workshops and ideas for special sessions to Diana Hews ([dhews@indstate.edu](mailto:dhews@indstate.edu)). Items can be submitted two or more years in advance. **For 2008 symposia please submit before the annual meeting in July 2007.** There is financial support for good symposia.



ABS President Doug Mock and Trish Schwagmeyer at ABS Banquet at Snowbird, Utah

**MEETINGS**

**ANIMAL BEHAVIOR SOCIETY  
ANNUAL MEETINGS**

**2007:** 21-25 July, Burlington, Vermont  
**2008:** 14-19 August, Snowbird, Utah

**INTERNATIONAL MEETINGS**

**2007 International Ethological Conference:** 15-23 August, Dalhousie University, Halifax, Canada  
**2008 International Society Behavioral Ecology:** 7-13 August, Cornell University, Ithaca, NY

**AIBS 2007 ANNUAL MEETING ANNOUNCED:  
EVOLUTION AND HUMAN HEALTH**

The 2007 AIBS annual meeting will be held 14-15 May, 2007, in Washington D.C., at the Capital Hilton Hotel. The theme of the meeting will be "Evolution and Human Health." The meeting will be held in conjunction with the annual meeting of the Natural Science Collections Alliance, and will be followed by the meeting of the AIBS Council of member societies and organizations, 15-16 May. Information about the meeting will be available at [www.aibs.org/annual-meeting/](http://www.aibs.org/annual-meeting/).

***ABSnet***

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

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

## OPPORTUNITIES

### NEUROSCIENCE POSITION AT GEORGIA STATE UNIVERSITY

Georgia State University ([www.gsu.edu](http://www.gsu.edu)) invites applications for multiple tenure-track faculty positions at all ranks. These positions are part of a major initiative to enhance existing strengths in neuroscience at GSU over the next three years. The GSU neuroscience initiative is coordinated by the Brains & Behavior Program at GSU and the Center for Behavioral Neuroscience. The Brains & Behavior Program is a university Area of Focus that sponsors collaborative research and instruction in all areas of neuroscience across ten departments (see <http://brainsbehavior.gsu.edu>). The Center for Behavioral Neuroscience is a multi-institutional NSF Science and Technology Center for neuroscience research and teaching across seven Atlanta institutions of higher education (see [www.cbn-atl.org](http://www.cbn-atl.org)).

Outstanding applicants from all areas of neuroscience are welcome, although preference will be given to applicants working in the following areas (listed alphabetically):

Behavioral neuroscience and neuroendocrinology of social behavior: Multidisciplinary research investigating the neural systems underlying social behavior and the fundamental neural and hormonal processes that support it, using either standard laboratory animal models or other species (vertebrate or invertebrate) that reflect a neuroethological perspective.

Behavioral neuroscience in nonhuman primates: Research on comparative cognition, social behavior, communication, or higher-order cortical processing in nonhuman primates with a neuroscience or neuroendocrine focus. Primarily behavioral approaches will be considered provided the work has a direct connection to brain function. Research that complements current work at the Georgia State University's Language Research Center (<http://www.gsu.edu/lrc>) is especially attractive.

Computational neuroscience: Computational, mathematical, or physical simulation methods used to address basic neuroscience questions at the cellular, circuit, systems, and behavioral levels, or the development of neuroinformatic, database tools for neuroscience.

Cell and molecular neuroscience: Molecular, biochemical, and biophysical processes that underlie sensory, neuronal, synaptic, and effector properties.

Circuit and systems neuroscience: Multidisciplinary experimental approaches to basic neuroscience questions at cellular, circuit or systems levels in vertebrate or invertebrate animals.

Developmental neuroscience: Neural development and other forms of plasticity, including adult neurogenesis.

Human cognitive neuroscience: The neural mechanisms of social cognition or emotional processing in particular, although all areas of human neuroscience will be considered provided they focus on basic mechanisms of neural structure and function in the human brain.

We particularly encourage applications from individuals who use a variety of approaches and who span two or more of these categories. Successful applicants will be individuals who are prepared to take advantage of the interdisciplinary collaborative research opportunities available within the Brains & Behavior Program and, where appropriate, the Center for Behavioral Neuroscience.

Applicants must have a Ph.D. degree with relevant postdoctoral experience and demonstrated ability to conduct an independent research program using modern techniques. They must also have skills and interest in teaching. Submit curriculum vitae, bibliography, a brief statement of professional goals and research interests, and the names and contact information for three references either electronically to Ms. Tara Alexander at [biotea@langate.gsu.edu](mailto:biotea@langate.gsu.edu), with the subject line "Neuroscience Search," or by mail to Brains & Behavior Program, Attn. Ms. Tara Alexander, Georgia State University, P.O. Box 4010, Atlanta, GA 30302-4010, USA. The review of applications will begin 15 Nov. and will continue until positions are filled.

*Georgia State University is an Affirmative Action/Equal Opportunity Employer.*

### NEUROSCIENCE AT MICHIGAN STATE UNIVERSITY

Our interdisciplinary Ph.D. program provides training in diverse areas, including sensory and perceptual processes and the autonomic nervous system. A strong, cohesive group of labs focuses on Behavioral Neuroendocrinology. Specific research programs in this area include: 1. Neuroendocrine mechanisms

regulating maternal behavior and postpartum emotions (Lonstein, Clemens and A. Nunez).  
2. Mechanisms regulating sexual differentiation and adult plasticity in neural and muscular structures in non-mammalian (Wade) and mammalian (Lonstein, Jordan, Breedlove, J. Nunez and Sisk) vertebrates.  
3. Steroid effects on neurodegenerative diseases (Jordan, Breedlove).  
4. Steroid hormone effects on brain development during puberty (Sisk).  
5. Circadian rhythms (Smale and A. Nunez).

We use multiple levels of analysis, including organismal, cellular and molecular approaches, that provide a wide range of opportunities for graduate training in animal behavior, neurobiology, and physiology.

For additional information and application materials, visit our website (<http://www.ns.msu.edu/neurosci/>), or contact the program secretary (E-mail: [neurosci@msu.edu](mailto:neurosci@msu.edu), Phone: (517) 353-8947). Please also feel free to contact any of the faculty members listed on the Neuroscience Program website.

## CANDIDATES FOR THE 2007 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 alphabetical order

### Second President-elect:

#### Hugh Drummond

*Education:* Bachelor of Laws, Bristol University, 1967; Law Society Qualifying Exam, Guildford College of Law, 1968; Postgraduate Diploma in English as a Second Language, Leeds University, 1970; Ph. D. in Experimental Psychology (Ethology and Comparative Psych.), University of Tennessee, 1980.

*Current Position:* Investigador Titular, Departamento de Ecología Evolutiva, Instituto de Ecología, Universidad Nacional Autónoma de México.

*Research Interests:* Function, evolution, control and development of behavior in birds, mammals and reptiles; sibling relations; parental care; mating systems; mate choice; sperm competition; progeny sex ratios; and feeding adaptations.

*ABS and Related Activities:* Member since 1975; Elected Fellow, 1997; Host of ABS Annual Meeting, Oaxaca, México, 2004; Policy Committee, 1991-1996;

Latin American Affairs Committee, 1998-2005; Member-at-Large, 2002-2005; ABS Fellows Lecture, Moorhouse College, Atlanta, 2000. Other Plenary Lectures: International Ethological Conference, Torremolinos, Spain, 1993; Congreso Ibero-Americano de Etología, Cáceres, Spain, 1992; International Ethological Conference, Florianópolis, Brazil; Quinto Congreso Ibero-Americano de Etología, Granada, Spain, 2000; Pacific Seabird Group Annual Congress, Santa Barbara, 2002; Annual Xmas Ornithological Lectures in Oxford University, 1989, and Glasgow University, 2004; Distinguished Scientist Lecture, Southampton University, 2004.

#### Mike Ryan

*Education:* B.A. in Biology, Glassboro State College, 1971-1975; M.S. in Zoology, Rutgers University, 1975-1977; Ph.D. in Neurobiology and Behavior, Cornell University, 1977-1982; Miller Fellow, University of California, Berkeley, Museum of Vertebrate Zoology, 1982-1984.

*Current Position:* Clark Hubbs Regents Professor in Zoology, Section of Integrative Biology, University of Texas, Austin, TX, USA.

*Research Interests:* Animal Communication and sexual Selection.

*ABS and Related Activities:* Guggenheim Fellow, 1997; Fellow, American Academy of Arts and Sciences, 2001; Fellow, Animal Behavior Society, 2006; Board of Governors, American Society of Ichthyologists and Herpetologists, 1986-1991; Council of the Herpetologists League, 1988-1992; Board of Governors, American Society of Ichthyologists and Herpetologists, 1993-1998; Associate Editor, *Evolution*, 1993-1996; Secretary, Society for the Study of Evolution, 1994-1997. Editorial Boards: *Behavioral Ecology and Sociobiology*, 1997-1999; *Evolution of Communication*, 1997-2000; *Annual Review of Ecology and Systematics*, 2002-2005; *American Naturalist*, 2004-2007; *Journal of Experimental Zoology, Part A: Comparative Experimental Biology*, 2006.

#### Parliamentarian

#### Janis Dickinson

*Education:* B.S. in Biological Sciences, Binghamton University, 1981; Ph.D. in Entomology (Animal Behavior), Cornell University, 1987; Postdoctoral Fellow, Arizona State University, 1987-1988

(Rutowski); Postdoctoral Fellow, University of California, Berkeley, 1990-1994 (Pitelka).

*Current Position:* Arthur A. Allen Director of Citizen Science, Cornell Lab of Ornithology; and Associate Professor, Department of Natural Resources, Cornell University. Member of the graduate fields of Natural Resources and Neurobiology and Behavior.

*Research Interests:* Behavioral ecology of birds and insects, with a focus on dispersal, mating behavior, multiple mating and sperm competition, cooperative breeding, nepotism, and personality (neophobia).

*ABS and Related Activities:* Allee Award Judge, 2005; ABS Membership Committee Chair, 1999-2003; ISBE, Elected Counselor, 1996-2002; Scientific Committee Chair and local host, International Society for Behavioral Ecology Conference, Asilomar, Pacific Grove, California, 1998; NSF Animal Behavior Panel.

### **Sue Margulis**

#### *Education:*

B.S. in Animal Behavior, Bucknell University, 1982; M.A. in Environmental, Population and Organismic Biology, University of Colorado, 1985; Ph.D. in Evolutionary Biology, The University of Chicago, 1996; Postdoctoral Fellow, The University of Chicago, 1997; Postdoctoral Fellow, Northwestern University, 1998-2000.

#### *Current Position:*

Curator of Primates, Lincoln Park Zoo; Lecturer, Committee on Evolutionary Biology, University of Chicago.

*Research interests:* Reproductive aging; hormones, reproduction, and parental behavior in primates; environmental influences on behavior in zoos; behavioral methodology.

*ABS and related activities:* ABS member (almost continuously) since 1979; Education Committee member, 2000-2006; Founder's Award judge, 2003; Genesis Poster Award judge, 2005; Member, EthoSource Advisory Board since 2002; Organizer, Animal Behavior Society Meeting workshop, 2006; Chair, Behavior Advisory Group of the American Zoo and Aquarium Association (AZA) since 2005; Steering Committee member, Ape Taxon Advisory Group of AZA since 2005.

### **Junior Program Officer:**

#### **Dario Maestriperi**

*Education:* Ph.D. in Psychobiology, University of Rome, Italy, 1992.

*Current Position:* Associate Professor of Comparative Human Development and Evolutionary Biology, The University of Chicago, Chicago, Illinois 60637.

#### *Research Interests:*

Neuroendocrine, ecological, and evolutionary aspects of social behavior in animals, especially primates.

#### *ABS and Related Activities:*

ASAB member, 1988-1992; ABS member since 1992; Member, ABS Public Affairs; Member, NSF Animal Behavior Review Panel, 2005; Organizer, Symposium on "Comparative perspectives of brain and behavior," AAAS meeting, 2005; ABS Representative, Biology Section, AAAS meeting, 2005. Editorial board member: *Folia Primatologica* since 2000, *International Journal of Primatology* since 2001, The University of Chicago Press since 2005.

#### **Mike Noonan**

#### *Education:*

B.S. in Biology, University of Notre Dame, 1974; Ph.D. in Biopsychology, State University of New York at Buffalo, 1985.

#### *Current Position:*

Professor, Biology and Psychology, Canisius College, Buffalo, New York.

#### *Research Interests:*

Spatial navigation; social/cognitive behavior in dephinids; and zoo biology.

#### *ABS and Related Activities:*

ABS member since 1987; Session Moderator (various ABS meetings); ABS Film Committee, 2006; Ad hoc reviewer (numerous journals); Research/Conservation Committees (various local zoos); Director, Canisius Ambassadors for Conservation.

### **Member at Large:**

#### **Alex Basolo**

*Education:* B.A. in Biology, University of California, San Diego; M.A. in Marine Biology, San Francisco State University; Ph.D. in Zoology, University of Texas, Austin; Postdoctoral NIH-NRSA Fellow,

University of California, Santa Barbara.

*Current Position:* Professor, School of Biological Sciences, University of Nebraska; Faculty Fellow, University of Nebraska.

*Research Interests:* Sexual selection, particularly mate choice and the co-evolution of males and females; comparative studies of variation in behavioral and morphological traits; life history; evolution; and predator-prey interactions.

*ABS and Related Activities:* ABS member since 1986; Ad hoc reviewer for *Animal Behaviour* since 1991; Local co-host for ABS Annual Meeting, 1995; Editorial Board, *Behavioral Ecology*, 2002-2008; Chair, Storer Award Committee, Best Student Paper in Ecology & Ethology, ASIH, 2000; Ad hoc reviewer for a number of journals; NSF DDIG Animal Behavior Panel member, 2004; Chair, Ecology, Evolution and Behavior Graduate Program, UNL, 1998-1999, 2006-2007; Chair, Ecology and Organismal Biology Section, UNL, 2003-2004; Animal Care Committee, UNL, 1998-1999; Session moderator at various annual meetings; Plenary speaker, International Poeciliid Conference, Norway, 2005; Sigma Xi, Annual Meeting, 2003. Symposia lectures: Measuring Mate Choice Symposium, ABS, 2001; WD Hamilton Memorial Symposium, University of California, Berkeley, 2000; Adaptive Significance of Signalling and Signal Design, Royal Norwegian Society of Sciences and Letters, 1998; Phylogenies and Comparative Biology Symposium, ASZ, 1995; Sexual Selection Symposium,

ASIH, 1993; Young Investigator Symposium, ASN, 1991.

### **Ellen Davis**

*Education:* B. A. with highest honors in Philosophy, Bowdoin College, Brunswick, ME, 1985; M.S. in Zoology, University of Wisconsin-Madison, 1995; Ph.D. in Zoology, University of Wisconsin-Madison, 1999; NIH NRSA Postdoctoral Fellow in Psychology, University of Wisconsin-Madison, 2000-2003.

*Current Position:* Assistant Professor, Department of Biological Sciences, University of Wisconsin, Whitewater, 2003-present.

*Research interests:* Sexual coercion; aggression; waterfowl mating systems; integration of ultimate and proximate causes.

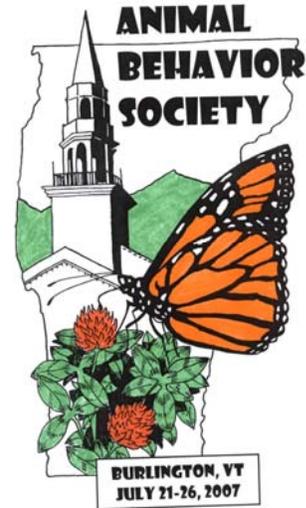
*ABS and related activities:* ABS member since 1992; membership committee (one term); Ad hoc reviewer for *Animal Behaviour*, *Ethology*, *Behavioral Ecology & Sociobiology*, *American Naturalist*, and NSF; ABS sessions monitor (several ABS meetings); UWW IRB committee member, 2004-present.

### **NOTICE!**

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

## PLAN ON ATTENDING THE 2007 ANNUAL MEETING OF THE ANIMAL BEHAVIOR SOCIETY

The 44th annual meeting of the  
Animal Behavior Society  
will be held at the  
Burlington Sheraton Hotel  
and Conference Center  
in Burlington, Vermont,  
21-25 July, 2007.



The city of Burlington is located on the eastern shore of Lake Champlain between the Adirondack and Green Mountains. Burlington is a college town, home to the University of Vermont, with a lively art scene and corporate headquarters of Bruegger's Bagels, Lake Champlain Chocolates, and the Magic Hat Brewing Company. Best of all, it is the home of Ben & Jerry's ice cream! If so inclined, you can go sports fishing and kayaking on Lake Champlain, head to the Lake Champlain Maritime Museum at Basin Harbor, seek out handcraft products, rent a bike and hit the bike trails, or go hiking .

The Sheraton is only minutes from the airport and within walking distance of other motels. Thirty rooms are available for students at the reduced rate of \$94.00 a night with possibility of up to four students to share.

### REGISTRATION AND ABSTRACTS

Registration opens 15 March. Early registration is until 8 May. **Abstract deadline is 15 May.**

Registration fees to be announced in February newsletter:

### SCIENTIFIC PROGRAM

Keynote speaker is Bert Hölldobler, Foundation Professor of Biology at Arizona State University. He is known for his research on the evolution of social organizations in insects and in the underlying mechanisms that make insect societies work. Dr. Hölldobler was co-winner of the Pulitzer Prize for his work on The Ants (1991) with Edward O. Wilson, the only scientific publication to receive the Pulitzer Prize.

Watch for more details of the outstanding program that is planned in the February 2007 newsletter.

## ABS STUDENT/POSTDOC GROUP SURVEY FORM

We are trying to organize a student/postdoc group within ABS. If you are interested in participating in this group in any way, please complete this form and send it to Dr. Sue Cooke, Rivier College, 420 South Main Street, Nashua, NH 03060.

Contact information:

Name: \_\_\_\_\_

Mailing address:

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

E-mail: \_\_\_\_\_

Which of the following describes your current status? (Circle one.)

Undergraduate student

Graduate student

Postdoctoral student

Other (please describe) \_\_\_\_\_

### ABS Meetings

Did you attend this year's ABS meeting in Utah?      Yes      No

Have you attended ABS meetings previously? \_\_\_\_\_

Do you plan to attend ABS meetings in the future? \_\_\_\_\_

What are the most important factors affecting your decision to attend an ABS meeting? (Circle all that apply but please star the factor that most strongly influences your decision.)

Location

Cost

Scheduling

Keynote or symposia topics

Other (please describe) \_\_\_\_\_

If you have attended ABS previously, what types of events did you most enjoy? (Circle all that apply.)

Symposia talks

Regular session talks

Workshops/Special presentations

Poster sessions

Movie competition

Social events

Local sight-seeing

Meeting with colleagues (outside of ABS-sponsored events)

Other (please describe) \_\_\_\_\_

If we were to have a student/postdoc reception at future ABS meetings, which of the following describes your level of interest?

I would be willing to pay \_\_\_\_\_ to attend a student/postdoc-only reception.

I would only attend a student reception if it were free.

I would only attend a student reception if it were free, and food and/or drinks were provided.

I would not attend a student reception.

Which of the following types of social events would you be most interested in having at future ABS meetings? (Please circle all that apply.)

DJ (or live band) dance nights

Acaeoke or other "show" type events (like a talent show)

Barbeques or picnics

Sports events  
Informal lunches/dinners for individuals in specific fields of study to get together  
Bar nights  
Organized student reception  
Other (please describe) \_\_\_\_\_

In the space below, please feel free to suggest any events (academic or social) you would like to see at future ABS meetings.

**Student E-mail or Listserv**

Would you be interested in receiving an e-mail several times per year containing information pertinent to student members of ABS? Yes                      No

If yes, which of the following types of information would be helpful to you? (Please circle all that apply.)

Information about cost-effective ways to attend ABS meetings  
Information about grants and awards available to student members of ABS, or students studying animal behavior  
Information about jobs for animal behavior students/grads  
Other (please describe) \_\_\_\_\_

Would other services be useful to you? If so, what? For example, finding other students/postdocs working in your field or geographical area, help finding accommodations away from home not for ABS meetings, etc.

**Other**

In addition to meetings and a listserv, what can ABS do to help student members or encourage students to come/stay members and actively participate?

BALLOT is on reverse side of this page.

**MAIL BALLOTS IN AN ENVELOPE BEARING YOUR NAME TO:  
JAN A. RANDALL, ABS SECRETARY, DEPARTMENT OF BIOLOGY, SAN FRANCISCO  
STATE UNIVERSITY, SAN FRANCISCO, CALIFORNIA 94132  
OR BY E-MAIL TO: [jrandall@sfsu.edu](mailto:jrandall@sfsu.edu)**

**BALLOTS RECEIVED AFTER 31 JANUARY, 2007, CANNOT BE COUNTED**

You may cast write-in votes. We are electing five officers (terms begin at the end of the annual meeting). All ABS members (regular members, student members, joint 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:**

Hugh Drummond \_\_\_\_\_

Mike Ryan \_\_\_\_\_

Write-in \_\_\_\_\_

**FOR PARLIAMENTARIAN**

Janis Dickinson \_\_\_\_\_

Sue Margulis \_\_\_\_\_

Write-in \_\_\_\_\_

**FOR JUNIOR PROGRAM OFFICER:**

Dario Maestripieri \_\_\_\_\_

Mike Noonan \_\_\_\_\_

Write-in \_\_\_\_\_

**FOR MEMBER-AT-LARGE:**

Alex Basolo \_\_\_\_\_

Ellen Davis \_\_\_\_\_

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, 2007.**