



NEWSLETTER

Animal Behavior Society

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A quarterly publication

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 2005 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**. The online system will be in place in late November 2005. Check the web page for details **If you vote by 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. Deadlines are the 15th of the month preceding each newsletter. The next deadline is **15 January, 2006**. Articles submitted by members of the Society and judged by the Secretary to be appropriate are occasionally published in the ABS newsletter. The publication of such material does not imply ABS endorsement of the opinions expressed by contributors.

Animal Behavior Society Web Site:
<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, 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. E-mail: aboffice@indiana.edu, Phone (812) 856-5541. Fax (812) 856-5542.

ABS OFFICERS

President: Stephen Nowicki, Department of Biology, Duke University, Box 90338, Durham, North Carolina 27708-0325. E-mail: snowicki@duke.edu

First President-elect: Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019, Phone: (405) 325-2751, E-mail: dmock@ou.edu

Second President-elect: Gerald Wilkinson, Department of Biology, University of Maryland, College Park, Maryland 20742. E-mail: wilkinso@umd.edu

Past President: Ken Yasukawa, Department of Biology, Beloit College, 700 College St., Beloit, WI 53511. E-mail: yasukawa@beloit.edu

Treasurer: Lee Drickamer, Department of Biological Sciences, Northern Arizona State University, Flagstaff, AZ, E-mail: Lee.Drickamer@nau.edu

Secretary: Jan Randall, Department of Biology, San Francisco State University, San Francisco, CA 94132. E-mail: jrandall@sfsu.edu

Program Officer: Jennifer Fewell, Department of Biology, Arizona State University, Tempe, AZ 85287, E-mail: j.fewell@asu.edu

Junior Program Officer: TBA in January 2006

Parliamentarian: Jill Mateo, University of Chicago, Chicago, Illinois 60637 Phone: (773) 834-9848, E-mail: jmateo@uchicago.edu

Executive Editor: George Uetz, Department of Biological Sciences, ML006, University of Cincinnati, Cincinnati, Ohio 45221-0006, E-mail: uetzgw@email.uc.edu

Members-at-Large:

Lynette A. Hart, Department of Population Health and Reproduction, and Director, UC Center for Animal Alternatives, School of Veterinary Medicine, University of California, Davis, CA 95616, E-mail: lahart@ucdavis.edu

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

Regina H. Macedo, Departamento de Zoologia, Universidade de Brasília 70910-900 - Brasília - DF - Brasil, Phone: +55-61-307-2265, E-mail: rhfmacedo@unb.br

Historian: Donald Dewsbury, Department of Psychology, University of Florida, Gainesville, FL 32611. E-mail: dewsbury@ufl.edu

**CALL FOR SYMPOSIA
FOR THE 2007 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 2007 at a location to be announced. Anyone interested in organizing a symposium for the meeting, please contact Jan Randall at jrandall@sfsu.edu.

CALL FOR NOMINATIONS

ABS 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 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 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 Ken Yasukawa, Department of Biology, Beloit College, 700 College St. Beloit, WI 53511 USA. E-mail: yasukawa@beloit.edu. **DEADLINE: 1 February, 2006.**

**ANIMAL BEHAVIOR SOCIETY
DISTINGUISHED TEACHING AWARD CALL
FOR NOMINATIONS**

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 2005**, to Dr. Penny Bernstein, Chair, Animal Behavior Society Education Committee, Kent State University Stark Campus, 6000 Frank Avenue, Canton, OH 44720 USA, E-mail: pbernstein@stark.kent.edu. Although e-mail copies are acceptable by the deadline, hard copies of letters of nomination with signature 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, 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 also should 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, multimedia products, or other appropriate indicators of superior educating).

5. If you would like to re-nominate 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 E.O. WILSON CONSERVATION AWARD, AND CETACEAN BEHAVIOR AND CONSERVATION AWARDS

Beginning this year, applicants for any of the ABS-sponsored graduate student research awards may apply via a **single application process**. Application materials should be submitted through the ABS Web site (see Grants), which is scheduled to launch on Monday, **28 November, 2005**. 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 shortlisted. Individuals who are unable to submit their applications through the Web site should contact ABS Senior MAL, Dr. Lynette Hart, Center for Animals in Society, School of Vet Medicine, University of California, Davis, CA 95616, USA; lahart@ucdavis.edu.

Applicants must be: (1) currently enrolled in a graduate program and (2) active student members of ABS, **enrolled or renewed two weeks prior to the Award Application Deadline**. The Cetacean Behavior and Conservation Award is also open to ASAB members, who should contact Steve Ramey at the Central Office, aboffice@indiana.edu at least two weeks prior to the Award Application Deadline in order to have an account set up on the ABS server.

Applicants may receive only one of these awards (ABS Student Grant, E. O. Wilson, or Cetacean Behavior and Conservation) in any given year. Individuals who have received an ABS Student Research Grant in a previous year are ineligible to receive additional ABS Student Research Grants, but may apply for the E. O. Wilson and/or the Cetacean Behavior and Conservation awards, as appropriate.

APPLICATIONS FOR ABS STUDENT RESEARCH GRANT

The ABS Student Research Grant Committee announces the 2006 competition for funds in support of graduate student research. Approximately US \$20,000 will be available to support twelve students at a level of no more than \$1,000 each and an additional sixteen students for up to \$500 each, although the proportions of full and partial grants will depend 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 13 January, 2006**. The **DEADLINE** for receipt of completed applications is Friday, **27 January, 2006** (midnight,

Eastern Standard Time). Late applications will not be accepted. If your proposal is shortlisted for a possible award, you will be contacted 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 award decisions will be announced by April 1, 2006. See **“Joint Application Process” above for information about how to apply**.

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 \$1,000 supports a proposal considered meritorious for its integration of behavior and conservation. E. O. Wilson, professor at Harvard University, who received the ABS Distinguished Animal Behaviorist Award in 2002, 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 13 January, 2006**. The **DEADLINE** for receipt of completed applications is Friday, **27 January, 2006** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is shortlisted for possible award, you will be contacted 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 award decisions will be announced by 1 April, 2006. The **Application Process is detailed in “Joint Application Process” above**.

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 \$1,000 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 is a (are) proposal(s) 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 Master's 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 13 January, 2006.** ASAB members wishing to apply for this award must contact Steve Ramey in the Central Office, aboffice@indiana.edu **prior to 13 January, 2006** to have an account set up on the society server.

The **DEADLINE** for receipt of completed applications is Friday, **27 January, 2006** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is shortlisted for possible award, you will be contacted 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 award 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 2005-2006**

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, 13 January,**

2006. The **DEADLINE** for receipt of completed applications is Friday, **27 January, 2006.** For further information on application requirements, please refer to the ABS Web site (see Grants). Alternatively, you may contact: Dr. Chris Evans, Animal Behavior Laboratory, Department of Psychology, Macquarie University, Sydney NSW 2109, Australia E-mail: chris@galliform.psy.mq.edu.au.

ARTICLES

**IN THE BEGINNING:
FOUNDERS OF THE ANIMAL BEHAVIOR
SOCIETY**

By Donald A. Dewsbury*

In 1985, the Executive Committee of the Animal Behavior Society (ABS) decided to honor its founders by naming the competition for the best poster at the annual meeting for them. It was decided that, beginning in 1986, a different recently deceased founder would be honored at each meeting. Thus, the issue of defining a "founder" arose. Several definitions had been in use between that time and the present. At its 2005 meeting at Snowbird, Utah, the Executive Committee adopted a single definition of "founder." This is discussed in this article.

A brief digression into the origins of the ABS is necessary if the definition is to be understood. The origins of the ABS can be traced to the formation of a Committee for the Study of Animal Societies under Natural Conditions at a Conference on Genetics and Social Behavior at the Jackson Laboratory in 1946.

The most pivotal events were the 1956 establishment of the Section of Animal Behavior and Sociobiology of the Ecological Society of America and the 1958 establishment of a Division of Animal Behavior of the American Society of Zoologists (now the Society for Integrative and Comparative Biology). By that time, most of the functions of what we now know as the ABS were in place. It only remained for the formal establishment of the Animal Behavior Society as an independent organization in December 1964 in Montreal. The first independent meeting of the ABS was in 1971 in Logan, Utah. It is clear that the founding members of the ABS regarded these events as continuous, and the formal establishment of the ABS as a separate society was just one logical step in its evolution.

Returning to the issue of defining a founder, according to the newly accepted definition: A founder is defined as a person active in the period prior to 1966 who held at least two administrative positions, elected or appointed, in ABS, the ESA Section, or the ASZ Division.

This definition appears simple and straightforward, includes most of the prime movers and a few peripheral individuals, while excluding a few who may also deserve recognition.

One remaining problem lay in the fact that five individuals who would not qualify as founders by this definition had already been honored at annual meetings. The executive committee decided to “grandfather” these animal behaviorists into the list of founders.

The resulting list of 37 founders is presented below. Thirty-five were men; Evelyn Shaw and Ethel Tobach were the only female founders. Five, Frank Beach, C. Ray Carpenter, John Fuller, Tobach and William Verplanck, were psychologists; the remaining 32 were biologists of various sorts. The earliest born were Alphaeus Guhl in 1898 and William Young in 1899; the youngest were George Barlow (1929), Stuart Altmann (1930), and John Eisenberg (1935). All except Frank McKinney (Northern Ireland), Peter Marler (England), and Ethel Tobach (Russia) were born in the United States. One might be surprised to learn that most were born in urban locations including five each in Chicago and New York City, and three in Philadelphia. Several others were born near urban centers such as Plainfield, NJ and Long Beach, CA.

The earliest earned Ph.D. was Young’s in 1927; the last were Altmann’s (1960) and Eisenberg’s (1962). Reflecting the influence of W. C. Allee and his associates, fully nine of the doctorates were earned from the University of Chicago. Four each came from Harvard, NYU, and Wisconsin. Three were from Michigan; two were from Cornell.

With regard to their primary affiliations while working during the ABS’ formative years (i.e., 1956-1965), the institutions contributing the most founders were Penn State with five and the American Museum of Natural History with three. These were followed by CCNY, Illinois, the Jackson Laboratory, Maryland, Michigan State, and UCLA with 2 each. Most of the 37 founders studied vertebrates, with birds, mammals, and fishes being the most popular. Just two, Demorest Davenport and Hubert Frings, emphasized invertebrates. Studies of physiological mechanisms were more prevalent than in some later years at the ABS meetings.

In conclusion, the founding of the Animal Behavior Society was more of a process than an event. It began with the 1946 meeting in Bar Harbor and included numerous events including the formal founding of the Society in 1964. The founders were a relatively homogenous group composed primarily of white males with doctorates in zoology from major universities, especially the University of Chicago. This group laid the foundation for today’s Animal Behavior

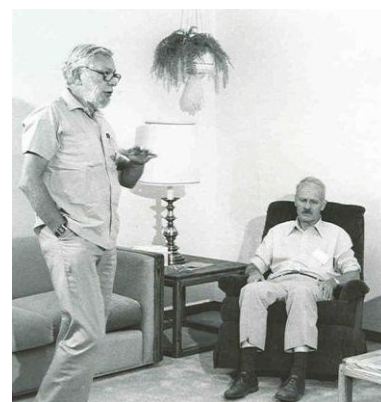
Society, even as it has developed in ways none of them could have anticipated.

List of Founders of the Animal Behavior Society: Stuart A. Altmann, Lester R. Aronson, Arnold Bakken, Edwin M. Banks, George W. Barlow, George A. Bartholomew, Frank A. Beach, James C. Braddock, John B. Calhoun, Charles C. Carpenter, C. Ray Carpenter, Nicholas E. Collias, Demorest Davenport, David E. Davis, Rollin H. Denniston II, William C. Dilger, John F. Eisenberg, John T. Emlen, Jr., William Etkin, Hubert W. Frings, John L. Fuller, Alphaeus M. Guhl, Edgar Brewer Hale, John A. King, Wesley E. Lanyon, Peter Marler, Frank McKinney, Martin W. Schein, John Paul Scott, Evelyn Shaw, Charles H. Southwick, Allen W. Stokes, William N. Tavolga, Ethel Tobach, William S. Verplanck, Howard E. Winn, William C. Young

**Don Dewsbury is a professor at the University of Florida and Historian of the Animal Behavior Society*



Charles H. Southwick and Nicholas E. Collias



Martin W. Schein and John Paul Scott

ABS MEMBER ALLISON WALSH KILLED IN TRAIN CRASH

By Sylvia Atsalis and Melinda Pruett-Jones,
Brookfield Zoo



Brookfield Zoo has faced a great loss, the tragic death of a beloved and esteemed colleague: Allison Walsh. Allison was killed in a train accident while traveling into Chicago to present a paper on EthoTrak to the annual conference of the American Zoo and Aquarium Association. She was the central person behind EthoTrak, a tool to collect and interpret behavioral data from multiple institutions. Even those most distantly related to the EthoTrak project knew her name and surmised her pivotal importance to developing and maintaining EthoTrak — this behavioral monitoring tool of which we are so incredibly proud at Brookfield Zoo. Allison presented a poster at the ABS meetings in August highlighting the flexibility and special features of EthoTrak.

Allison's contributions to the zoo community were truly unique. In the mid-1990s, behavioral biologists at Brookfield Zoo envisioned a way that keepers and animal managers could monitor behavior of their animals in much the same way that they monitored diet and nutrition, weights, reproductive condition, and similar daily indicators of animal well-being. The goal was to create methods to collect systematic information about social interactions, activity budgets, and relative frequencies of behavior over time. The methods would be easy and efficient for keepers caring for the animals. Behaviorists explained their needs to Allison, a gifted research technician and programmer working in the Conservation and Science Department at the Brookfield Zoo. Allison's vision for how this could be achieved became a reality in her unique program we called EthoTrak.

Allison was a savant: she could see the future, but not only regarding technology. She was highly intuitive in understanding animal behavior, and in understanding the formal rules that applied to the science of animal behavior. She helped the rest of us understand animals better, even those of us with advanced formal training in that science. Her dedication to animal well-being was extraordinary.

She had an intuitive sense about animals, and a common sense way of closely integrating animal behavior and technology to create digital behavioral monitoring systems. She set the technological foundations for data collection across our zoo and with EthoTrak was busy finding ways to include zoos nationwide in this process. Her words were always, "I can see it, and I can do it." Anything you asked, she said she would figure it out.

Allison's diverse skills, gifts, and talents were unmatched and too many to outline here. She was an avid cyclist, equestrian, lover of music, rock-climber, digital photographer, dog trainer, and horse trainer. She took apart computers and put them back together again. She remodeled her own basement, tiles, plumbing, the works — she did it. She worked as an animal research specialist at the Dairy Research Center at Southern Illinois University, and as a research technologist at the Brookfield Zoo in the Population Management Program supervised by Dr. Robert Lacy. She implemented many protocols for Conservation Research Studies at Brookfield Zoo and was an ALAAS (American Association of Lab Animal Science) LAT certified technician and member. But Allison's life work, her ultimate mission, was to improve our understanding of animals in order to enhance their well-being. She was dedicated to animals, and not just animals cared for in zoos. Her dedication included animals at home, those of her friends, any animals.

In EthoTrak, she left a legacy for her life, for Brookfield Zoo, and the entire zoo community. It is our responsibility to ensure that her legacy is used, continued, and expanded to meet her dedication to achieving the goal of improving the well-being of all animals. We are committed to growing EthoTrak to serve the zoo and research community. Allison would want it this way.

The Walsh family has requested that a memorial fund be established in Allison's name to further her research in conservation science. Contributions can be sent to Allison Walsh Memorial Fund, c/o Dr. Nadja Wielebnowski, Chair Conservation Research, Chicago Zoological Society, 3300 Golf Road, Brookfield, IL 60513.

SYMPOSIUM IN HONOR OF DONALD R. GRIFFIN (1915-2003), THE "FATHER OF COGNITIVE ETHOLOGY"

A symposium to honor the life and research of Donald R. Griffin was held at the 2005 meeting of the Animal Behavior Society at Snowbird, Utah. Don was a member of the National Academy of Sciences and is often called "the father of cognitive ethology." His early books, especially *The Question of Animal Awareness* (1976) and his 1978 essay in *The Behavioral and Brain Sciences* set the agenda for the (re)birth and growth of the interdisciplinary study of animal cognition, especially the evolution of consciousness. Don also discovered echolocation as an undergraduate student at Harvard University, and his contributions to this field as well as to studies of animal migration were also considered in this gathering. Marc Bekoff organized the symposium with the help of Colin Allen, Gordon Burghardt, and Jim Gould. Researchers from a number of different disciplines discussed Don's seminal contributions to the comparative, evolutionary, and ecological study of animal behavior and animal minds. Participants included the four organizers and Jim Simmons, Ron Larkin, Irene Pepperberg, Roger Fouts, and Ben and Lynette Hart. A standing-room only crowd showed just how revered Don was among his colleagues, even those who disagreed with his views on animal cognition and consciousness. There was lively discussion during the symposium and afterward over coffee and beer.

Suffice it to say, Don Griffin was an outstanding scholar and person. His contributions to numerous areas of biology are legendary. A summary of Don's many contributions can be found in his autobiography in Donald Dewsbury's book *Leaders in the study of Animal Behavior*.



Symposium participants (left to right): Roger Fouts, Jim Gould (behind) Gordon Burghardt, Ron Larkin (behind), Irene Pepperberg, Marc Bekoff (behind), Jim Simmons (hidden), LynetteHart, Colin Allen (behind), and Ben Hart

NOTICE

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

ANNOUNCEMENTS

STUDENT COMPETITIONS AT 2006 MEETING

Watch for announcements of the Warder Clyde Allee Award for best student paper, Founders Poster and Genesis Poster (outstanding undergraduate poster presentation) competitions in the February newsletter.

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 Stephen Nowicki, Department of Biology, Duke University, Box 90338, Durham, North Carolina 27708-0325 USA. E-mail: snowicki@duke.edu

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. To SUBSCRIBE to ABSnet go to: <http://www.animalbehavior.org> and click on the News and Announcements link on the left, then on the Subscribe/Unsubscribe link under ABSNet and fill out the Web-based form. Links to post an article or view the archives are also available.

MEETINGS

ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS

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

INTERNATIONAL MEETINGS

- 2006: International Society of Behavioral Ecology,**
23-28 July, Tours, France
- 2007: International Ethological Conference,**
15-23 August, Dalhousie University, Halifax, Canada

OPPORTUNITIES

TRAVEL SUPPORT FOR THE INTERNATIONAL SOCIETY FOR BEHAVIORAL ECOLOGY

Pending funding by the National Science Foundation, the ISBE American Committee is offering partial travel support to US citizens and permanent residents to facilitate attending the 11th ISBE meeting in Tours, France, 23-28 July, 2006. Priority for funding will be given to applicants (1) planning to give a presentation (oral or poster) at the meeting; (2) who have received or are about to receive their Ph.D. but are junior in level or otherwise not yet established in the field; and (3) who have limited or no access to institutional or external funding that can be used to attend the meeting. In an attempt to increase the racial and ethnic diversity of attendees from the United States, we especially encourage minority applicants. To apply for a travel award, submit (preferably by e-mail) (1) a 1-2 page curriculum vitae; (2) an expanded abstract (1 page maximum) of the work you plan on submitting for consideration to the ISBE program; (3) a proposed budget, including any additional sources of travel support available; and (4) names and e-mail addresses of two references, to Dr. Walter D. Koenig, Hastings Reservation, 38601 E. Carmel Valley Road, Carmel Valley, CA 93924 (e-mail: koenigwd@berkeley.edu). Application deadline is **1 January, 2006**. We will notify successful applicants by 15 February, 2006.

BEHAVIORAL ECOLOGY POSITION

The Department of Biology, San Francisco State University, invites applications for a tenure-track faculty position at the Assistant Professor level. We seek an Evolutionary Biologist/Ecologist focusing on behavior. Relevant areas of research interest include,

but are not limited to: evolution of behavior, behavioral ecology, and quantitative/evolutionary genetics of behavior. We prefer scientists with research programs that complement current faculty research interests and will contribute to building a strong and interactive evolution/ecology group. The successful candidate will establish an externally funded research program involving undergraduate and Master's students, and contribute to the biology curriculum, including the teaching of an undergraduate course in Animal Behavior. Applicants must have a Ph.D., a strong record of research accomplishment, and postdoctoral training. A curriculum vitae, separate statements of research and teaching interests, representative reprints, and three letters of reference should be sent to: Chair, Behavioral Ecology/Evolution Search Committee, Department of Biology, San Francisco State University, 1600 Holloway Ave., San Francisco, CA 94132. Review of applications will begin 1 December, 2005. Additional information about the department can be found on the Biology Department Web page: <http://www.sfsu.edu/~biology> The California State University is an Equal Opportunity/Affirmative Action Employer.

CANDIDATES FOR THE 2005 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
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Second President-elect:

Molly R. Morris

Education: B.A. in Biology, Earlham College, 1978; Ph.D. in Ecology and Evolutionary Biology, Indiana University, 1987; Postdoctoral Fellow, University of Texas.

Current Positions: Associate Professor, Department of Biological Sciences, Ohio University; Research Associate, National Museum of Natural History, Smithsonian Institution.

Research Interests: Sexual selection, the evolution of female mating preferences, the evolution of animal communication, alternative mating strategies, and phylogeography of swordtail fishes.

ABS and Related Activities: ABS member since 1984; Reviewer for *Animal Behaviour* since 1989; Judge of Founders Poster competition, 1999; ABS Allee Award Judge, 2000; Member of ABS Education Committee, 2000-2002; Organized Symposium for ABS Meeting, 2001; NSF Animal Behavior Panel member; Judge of Founders Poster competition, 2003; ABS Secretary,

2002-2005; Reviewer for ABS Student Research Grants, 2005.

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 Psychology), 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, feeding adaptations.

ABS and Related Activities: ABS 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.

Executive Editor:

Michael D. Breed

Education: B.A. in Biology and English, Grinnell College, 1973; M.A. in Biology, University of Kansas, 1975; Ph.D. in Biology, University of Kansas, 1977.

Current Positions: Professor, Department of Ecology and Evolutionary Biology, University of Colorado, Boulder; Faculty Fellow, Institute for Behavioral Genetics, University of Colorado, Boulder; Chair, Department of East Asian Languages and Civilizations, University of Colorado, Boulder.

Research Interests: Communication, behavior, and ecology of social insects; behavioral genetics; tropical biology.

ABS and Related Activities: ABS member; currently Editor, *Animal Behaviour*; previously, Member, Editorial Board, *Animal Behaviour*; Member of the editorial boards of *Journal of Insect Science*, *Journal of Insect Behavior*, and *Journal of the Kansas Entomological Society*; Member, Advisory Committee,

Research Experiences for Undergraduates, National Science Foundation, 2005; Member, Advisory Committee, Graduate fellowships, National Science Foundation, 2002-2004; Department Chair, EPO Biology, University of Colorado, Boulder, 1997-1999; Secretary-General, International Union for the Study of Social Insects, 1994-2002; Member, Executive Committee, Board of Directors, Organization for Tropical Studies, 1994-1996; Member, Advisory Committee, Animal Behavior, National Science Foundation, 1993-1995; Member, La Selva Advisory Committee, 1992-1994 (Chair, 1993-1994); Officer, Section C, Entomological Society of America, 1991-1994 (Chair, 1994); Acting Chair, Department of Anthropology, University of Colorado, Boulder, 1991-1993.

Treasurer:

Phil Stoddard

Education: B.A. Swarthmore College, 1979; Ph.D. University of Washington, 1989; Neural Systems & Behavior course, MBL, Woods Hole, 1989; postdoc, Cornell University, 1990-1992.

Current Position: Professor, Department of Biological Sciences, Florida International University

Research Interests: Integrative study of communication, with a focus on evolution, behavior, neurobiology, endocrinology, and molecular biology of electric fish.

ABS and Related Activities: Junior Program Officer, 2001-2003; Senior Program Officer, 2003-2005; Executive Committee, 2001-2005; Investments Committee, 2000-2002.

Jim Ha

Education: B.A. Biology cum laude, Millersville University, Millersville, PA, 1980; M.A. in Biology, Wake Forest University, Winston Salem, NC, 1983;

Ph.D. in Zoology, Colorado State University, Fort Collins, CO, 1989.

Current Position: Research Associate Professor, Department of Psychology and National Primate Research Center, University of Washington-Seattle.

Research Interests: My research focuses on complex social behavior in highly cognitive animals. My current research interests are in (1) social behavior, cognition, and reproduction in Old World monkeys; (2) behavioral ecology, cognition, and conservation of corvids (crows, jays, and magpies); and (3) social behavior and conservation of killer whales in the Pacific Northwest.

ABS and Related Activities: Created and maintained ABSnet, an electronic mail network, 1988-1996; Ad hoc reviewer for *Animal Behaviour*, 1989-present;

Appointed to ABS Public Affairs Committee, 1990-1996; Local Host for 1994 Animal Behavior Society meeting at the University of Washington, 1992-1994; Appointed to chair ad hoc ABS Conservation Committee, 1995; Appointed as first chair of ABS Conservation Committee, 1996-1998; Appointed ABS Internet/Web site (ABSnet) Co-Manager, 1996-present; Member-at-Large, ABS Executive Committee, 1998-2001; Senior Program Officer, ABS Executive Committee, 2001-2003; Local Host for 2005 Animal Behavior Society meeting at Snowbird Ski Resort, Utah; Appointed Director of ABS Central Office, 2004-present; Appointed Editor, *Animal Behaviour*, 2005-present; Reviewer for numerous journals, NSF, NIH, NSERC-Canada, and FWF (Austrian NSF).

Junior Program Officer:

Diana Hews

Education: B.A. in Zoology, Pomona College; M.S. in Zoology, Oregon State University; Ph.D. in Zoology, University of Texas, Austin; Postdoctoral Training, NIH-NRSA.

Current Position: Associate Professor and Assistant Chair, Department of Ecology and Organismal Biology.

Research Interests: Field behavioral endocrinology and behavioral neuroendocrinology; hormonal control of sexual dimorphism in territorial aggression and color signals; sexual selection, hormones and alternative reproductive mating tactics; color signals and social communication; chemical communication.

ABS and Related Activities: Decision Editor, *Animal Behaviour*, 2002-2005; Session Moderator (various annual ABS meetings); Best Student Paper Judge (various societies including SICB, ASIH, SSAR/HL); NSF Grant Review panels: Ecological and Evolutionary Physiology, Integrative Animal Biology; Editorial Board, *Journal of Herpetology*, 1992-current; Editorial Board, *Contemporary Herpetology Online*, 1997-current; President (2004-2005), Treasurer (2005-2006), Sigma Xi Scientific Research Society, Wabash Valley Chapter; IACUC Chairperson, Indiana State University, 2002-current.

Member at Large:

Dario Maestriperi

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

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

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 Committee, 2002-2005; Member, NSF Animal Behavior Review Panel, 2005; Organizer, Symposium on "Comparative perspectives of brain and behavior," AAAS Meeting, 2005; ABS Representative to the Biology Section, AAAS Meeting, 2005.

John Eadie

Education: B.S. honors in Zoology, University of Western Ontario, London, Ontario; M.S. in Biology, Queen's University, Kingston, Ontario, 1982; Ph.D. in Zoology, University of British Columbia, Vancouver, B.C., 1989.

Current Position: Dennis G. Raveling Endowed Professor in Waterfowl Biology, Department of Wildlife, Fish & Conservation Biology, University of California, Davis.

Research Interests: The central goal of my research is to link fundamental principles in animal behavior and evolutionary ecology with applied issues in avian conservation. My current research program focuses on three areas: (1) behavioral and population ecology of birds, in which we are examining parental care strategies, patterns of reproductive investment, brood desertion, and brood parasitism in a variety of species, especially waterfowl; (2) conservation genetics and molecular ecology of populations in the wild in which we are studying parentage, kinship, population structure, and phylogeography of migratory birds; and (3) waterfowl and wetland conservation, in which we are developing spatially explicit, individual-based foraging models to predict birds' response to landscape-scale changes in agricultural land-use practices.

ABS and Related Activities: First joined ABS in 1988; renewed active membership in 2004; Interest in Conservation and Latin American Affairs Committees and hope to join these in 2005-2006; Co-organizer of the Winter Animal Behavior Society Meeting, 2005; Ad hoc reviewer for *Animal Behaviour*.

PLAN ON ATTENDING THE ABS ANNUAL MEETING

12-16 August, 2006

Snowbird Ski and Summer Resort

Little Cottonwood Canyon, Utah

The 43rd annual meeting of the Animal Behavior Society will be held at Snowbird Ski and Summer Resort in the Wasatch mountains of eastern Utah, just 45 minutes from Salt Lake City airport. The venue is simply gorgeous, and the luxury hotel where we will be meeting offers spectacular views and deluxe accommodations in a location perfectly situated to serve as the starting point for a family vacation in the Rocky Mountains. Grand Canyon, Zion, Arches, and Bryce Canyon National Parks are all within a day's drive.

OUTSTANDING SCIENTIFIC PROGRAM PLANNED!

Robert Trivers will give the Distinguished Animal Behaviorist address and **Tim Clutton-Brock** has accepted our invitation as keynote speaker. The Fellows address will be given by **Carl Gerhardt** and two timely symposia are planned on sensory systems and behavior syndromes. Additional information concerning addresses and symposia will be available in future newsletters and on the registration Web site.

REGISTRATION AND ABSTRACT SUBMISSION

Early registration and abstracts will be accepted via the conference Web page (<http://www.animalbehavior.org/ABS/Meetings/Snowbird06/>) beginning **4 April, 2006**. Provisional deadline for abstracts is midnight **7 May, 2006**. Registration fees for 2006, as approved by the Executive Committee, are listed below:

	Early	Late
Full member	190	270
Student Member	86	165
Full Non-Member	263	350
Student Non-Member	165	245
Guest/Spouse	65	70
Developing Country	62	62

FOOD

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

Last year, a number of participants in the meeting expressed concern as to the relatively high prices of food in the hotel restaurants. **This year everyone will have the opportunity to register for a condo that provides full kitchen facilities. There is a food store on site and arrangements can be made to go to a supermarket at the entrance to the canyon to purchase supplies.**

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

HOUSING

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

Prices:

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

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

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

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

\$349/night for one-bedroom condo with loft (5 queen beds and kitchen). **Last year, the President of the Society and five students stayed in one of these condos.**

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

TRANSPORTATION

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

Ground transportation from the SLC airport to Snowbird is provided by Canyon Transport shuttle vans. The ride to and from Snowbird from the airport or downtown SLC is about 45 minutes, and the cost for the airport run is currently \$44 roundtrip. An Enterprise car rental service is available at Snowbird.

ACTIVITIES

The hotel has an excellent full-service spa, hot tub, two swimming pools, and three bars. Hiking, bird-watching, mountain-biking, jogging, tennis, basketball and volleyball, fly-fishing, helicopter rides, etc. are all on site and excellent. Golf and all of Salt Lake City are nearby.

CHILD CARE

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

FOR FURTHER INFORMATION

Please have a look at the Snowbird Web site (summer.snowbird.com), the Animal Behavior Society Web site or, if all else fails, contact the Designated Host: Jeff Galef (galef@mcmaster.ca) or (905) 525-9140, ext 23017.