



NEWSLETTER

Animal Behavior Society®

Vol. 44, No. 4
November, 1999

Stephen M. Shuster, Secretary

A quarterly publication

Herbert C. Wildey, Editorial Assistant
Department of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011-5640 USA

VOTE, VOTE, VOTE!!!!!! 1999 ABS ELECTIONS

Voter response was lower (9%) in 1998 than in 1997 (15%). Please take the time to vote in the upcoming election! Election information and ballot are enclosed. You can vote using this ballot, OR you can vote by email, provided that the Central Office has your e-mail address and you have approved its use for this purpose. Your name *must* be on the envelope or ballot to be counted.

A MESSAGE FROM THE PRESIDENT By Andrew Sih President's Address, ABS Meeting Bucknell University, June 1999

It has been a great conference, with numerous, wonderful talks and posters, many advancing the forefront of the study of animal behavior. We have also had the best evening of dancing that I have experienced at an ABS conference. And, of course, we had the debut of a unique and truly memorable event – academic akaoke, featuring remarkable performances by Chuck Snowdon, Chris Evans, and Gail Michener, among others, and a bravura, extraterrestrial, stand-up, ad lib by last year's Allee Award winner, Mitchell Baker. Finally, this year, we were introduced to a radical idea for an Animal Behavior conference – live animals actually exhibiting behavior at ABS – brought to us by Trisha McConnell and her dogs. After all this fun, it is time now for a more solemn moment, my Presidential Address on My Goals for the Society for the year 2000.

Never having been President before, I asked recent presidents and other exalted members of the Society for advice on what I should talk about. The primary advice that I received was as follows: keep it short.

No more than 2 hours. I then asked if I should illustrate my points using flowcharts. To me, flowcharts represent that the rare, beautiful experience that is both scientific and religious. To me, the more boxes and arrows, the better. My students, however, advised against the use of my beloved flowcharts. Their advice: keep it informal.

So, in my attempt to be the People's President, I did what I always do when I am not sure what else to do. I conducted a survey. I asked people – *what do you want out of life? What can the Animal Behavior Society do for you?*

I first surveyed people in downtown Lewisburg. Oddly, some people did not appear to take me seriously. However, those that did cited some repeated themes, they want love, respect and money.

When I asked members of the ABS – what do YOU want out of life? - surprisingly, only one person mentioned love. I am proud, I suppose, to say that that person was one of my own graduate students. In contrast, many people gave replies that featured sex. Many spoke in terms of euphemisms and the jargon of our field; maximizing fitness via EPCs. Some started telling me about their desires in more graphic detail than I really wanted to hear. Some even provided details on specific people that they had in mind. Much more than I wanted to hear.

Some ABS members gave honorable answers: “to make a difference, to contribute to society”. I found this encouraging. However, actually, only two ABS members gave such honorable answers, and for what it's worth, they were both postdocs. In contrast, faculty tended to have more, let us say, personal desires, such as a Porsche. One well known ABS personality had an unusual personal goal – to be on the cover of Rolling Stone. Perhaps some of you can guess who that was. Yes, Steve Nowicki. Several people gave inspirational replies: “to be excited every morning when I wake up.” Or “to be thrilled every time I start a new project”. Or “to be satisfied at the end of every day.” These tended to be graduate students and postdocs; i.e., hopelessly naïve. Others,

again, graduate students, were wonderfully ambitious – to win the Nobel Prize! My favorite came from Jim Hunt, “to die young as late as possible”.

Most people had rather mundane, predictable desires. Graduate students wanted to get their PhDs. New PhDs wanted a good postdoc. Postdocs wanted an assistant professor position. Assistant professors wanted a NSF grant, and associate professors wanted more, bigger grants. One associate professor, a member of my department, wanted his own research foundation. Several established faculty members had intriguing wishes. Penny Kukulski wanted more time for research, in particular, interdisciplinary research. I agreed with her. Steve Lima wanted a world with fewer administrators and university committees. I found myself resonating with that thought. Finally, George Uetz and I showed remarkable convergence in our seemingly idiosyncratic desires. We both wanted time to take a nap, a good assortment of cookies, particularly a great chocolate chip cookie, and we both wished for several clones of ourselves to attend all those university committee meetings.

Underlying all of this was a theme: the wish and need for greater appreciation of the importance of the study of animal behavior from funding agencies, universities, our colleagues, other scientists and the public.

As the new president of this society, I would love to promise to fulfill all these wishes. In particular, I am working now with Rolling Stone to get Steve Nowicki his moment in the sun. I would also love to promise that at all future annual meetings we will have great weather, slide projectors that never jam, and great dance parties every night. Unfortunately, I cannot reasonably promise all of this. In all seriousness, however, I can promise that I will work, together with the ABS Executive Committee, towards enhanced public awareness and institutional appreciation of the importance of the study of animal behavior, both of which should translate potentially into more jobs and better funding. In turn, we hope that this would contribute to continued high quality research, enhanced teaching and outreach, and new interdisciplinary research, integrating behavior with neurobiology, genetics and ecology.

Is this an empty promise? Maybe not. Last year, we made some significant progress. In particular, three prominent animal behaviorists went to Washington DC to meet with relevant representatives from NSF. At least partially as a result of their presentation, funding for animal behavior was increased by more than 20%.

This year, we plan to continue our active advocacy on behalf of animal behavior. In the Spring of 2000,

current and recent officers in the ABS will get together for a Summit 2000 to outline specific plans for the near future. Ideas to be considered and implemented include: 1) further visits to NSF, with a possible workshop at NSF on animal behavior; 2) enhanced contacts with other relevant funding agencies: NIH, NSERC, USDA, EPA, or DOE; 3) development of a position paper for the public and policy makers that describes the field of animal behavior and why it is important; 4) writing papers on innovative developments in animal behavior for publication in widely read journals such as *Science*, *Nature* or *Bioscience*; and 5) organizing symposia on integrative animal behavior for broader conferences such as AAAS, AIBS or SICB (formerly ASZ). We invite input and further suggestions from all of you. Together, our initiatives should help to further raise our position in science and in the public’s eye.

In closing, I offer mixed realism and inspiration in the form of words that I saw yesterday, written on a wall in downtown Lewisburg. “Keep interested in your career, however humble. With all its drudgery and broken dreams, it is still a beautiful world.”

DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society: [Steve Shuster](#), Dept. of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011-5640, USA. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is January 15, 2000. 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 endorsement by the ABS of the opinions expressed.

Animal Behavior Society Web Site:
<http://www.animalbehavior.org>

Animal Behaviour: manuscripts and editorial matters: Animal Behavior Office, 2611 East 10th St., Office 170, Indiana University, Bloomington, IN 47408-2603, USA. Phone (812) 856-5541. Fax (812) 856-5542. Email: aboffice@indiana.edu.

Change of Address: missing or defective issues of *Animal Behaviour*: Animal Behavior Office, 2611 East 10th St., Office 170, Indiana University, Bloomington, IN 47408-2603, USA. Phone (812) 856-5541. Fax (812) 856-5542. Email: aboffice@indiana.edu

ABS OFFICERS

President: Andrew Sih, Center for Ecology, Evolution and Behavior, University of Kentucky, Lexington, KY 40506-0225, USA., E-mail: ndc@pop.uky.edu.

First President-elect: Patricia Gowaty, Institute of Ecology, University of Georgia, Athens, GA 30602-2602, USA. E-mail: gowaty@ecology.uga.edu.

Second President-elect: Michael D. Beecher, Department of Psychology, University of Washington, Seattle, WA 98195, USA. E-mail: beecher@u.washington

Past President: Meredith West, Departments of Biology and Psychology, Indiana University, Bloomington, IN, 47405, USA. E-mail: mewest@bio.indiana.edu.

Treasurer: Marlene Zuk, Dept. of Biology, University of California, Riverside, CA 92521, USA. E-mail: mzuk@citrus.ucr.edu.

Secretary: Stephen M. Shuster, Dept. of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011-5640, USA. Email: stephen.shuster@nau.edu

Program Officer: Emília Martins, Department of Biology, University of Oregon, Eugene, OR 97403, USA. E-mail: emartins@evolution.uoregon.edu.

Parliamentarian: Kimberly Sullivan, Department of Biology, Utah State University, Logan, UT, 84322-5305, USA. E-mail: yejunco@cc.usu.edu.

Editor: Bennett G. Galef, Jr., Dept. of Psychology, McMaster University, Hamilton, ON L8S 4K1, Canada. E-mail: galef@mcmaster.ca.

Members-at-Large:

Michelle P. Scott, Dept. of Zoology, University of New Hampshire, Durham, NH 03824, USA. E-mail: mps@christa.unh.edu.

James Ha, Regional Primate Research Center, University of Washington, Seattle, WA, 98195-7330, USA. jcha@u.washington.edu.

Shelley Adamo, Dept. Psychology, Dalhousie Univ., Halifax, NS B3H 4J1, Canada E-mail: sadamo@is.dal.ca

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

CALL FOR NOMINATIONS FOR ABS CAREER AWARDS

In recent years, the Animal Behavior Society has made a series of Career Awards. With these awards we recognize scholars in our discipline at various stages of their careers. These awards and their recipients are:

Distinguished Animal Behaviorist-

outstanding lifetime achievement in animal behavior. J.P. Scott, W.D. Hamilton, P. Marler, J. Maynard Smith, G. Woolfenden, L. Brower, L.R. Aronson, J.P. Hailman.

Exemplar Award- major long-term contribution. J.A. Stamps, D. Mock, J. Altmann, J. Alcock, D. Dewsbury.

Outstanding New Investigator- outstanding contribution by a new investigator. L.A. Dugatkin, A. Basolo, D.P. Chivers, H.K. Reeve.

Quest Award- outstanding seminal contribution. K. Sullivan, M. Zuk, J.C. Wingfield, P. A. Gowaty, C.R.B. Boake.

Exceptional Service Award- sustained service contributions to the Animal Behavior Society. L. C. Drickamer.

Outstanding Teaching Award- distinguished contributions in teaching animal behavior to undergraduates. D. C. Candland.

To make a nomination: All members of the society are encouraged to prepare and submit nominations for these awards. To aid the Selection Committee and to help codify the procedures involved, the following items must be submitted for a nomination: (1) a letter of nomination indicating the award for which the nominee is being proposed. It should provide details on the reasons the nominee should be considered for that award, (2) a curriculum vitae of the nominee, and (3) additional supporting letters from colleagues solicited by the nominator. These materials should be sent to Dr. Meredith West, Chair, Career Awards Committee, Departments of Biology and Psychology, Indiana University, Bloomington, IN, 47405, USA. E-mail: mewest@bio.indiana.edu. DEADLINE: Feb. 1, 2000.

CALL FOR SYMPOSIA FOR THE 2001 ANNUAL MEETING

Symposium proposals for the 2001 annual meeting must be submitted to the Program Officer by May 1, 2001. Proposals may be submitted by e-mail or regular post to Program Officer, Emília Martins, Department of Biology, University of Oregon, Eugene, OR 97403; e-mail: emartins@evolution.uoregon.edu.

CALL FOR APPLICATIONS ABS Student Research Grants

The ABS Research Grants Committee announces the 2000 competition for funds in support of student research. Only student members of ABS who are enrolled in graduate programs are eligible to apply. A total of \$15,000 (US) will be available to support ten students at a level of no more than \$1,000 each and an additional ten students for up to \$500 each. The DEADLINE for receipt of completed applications is 10 JANUARY 2000. No late applications will be accepted. Applications will be reviewed by two or three referees and funded projects will be announced by 1 April 2000. The preferred method for receiving and submitting application materials is at <http://www.animalbehavior.org/ABS/Grants/> through the world wide web and any browser. For those who prefer not to submit electronically, a paper version of the application materials is available upon request from: Dr. Michelle P. Scott, Dept. of Zoology, University of New Hampshire, Durham, NH 03824, USA. E-mail: mps@christa.unh.edu.

CALL FOR APPLICATIONS Developing Nations Research Grant

The Animal Behavior Society announces the second annual Developing Nations Research Grant Competition. Two grants of up to \$700 (US) will be awarded to provide financial support for scientific studies of animal behavior conducted by students or more established members of the Animal Behavior Society (ABS). Only current members of the Animal Behavior Society residing in developing nations are eligible (student members of ABS are also eligible for the Student Research Grants Competition). The following are not considered developing nations: The United States, Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, The Netherlands, Belgium, Luxembourg, France, The United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal. The DEADLINE for receipt of completed applications is 10 JANUARY 2000. All applications must be submitted in English. Applications will be reviewed by two or three referees and funded projects will be announced by 1 APRIL 2000. The preferred method for acquiring application materials is available at: <http://www.animalbehavior.org/ABS/Grants/> through the world wide web and any browser. Applications can be submitted via e-mail at mps@christa.unh.edu. Paper versions can be downloaded from the http address above, or are available upon request from Dr. James Ha, Regional Primate Research Center, University of Washington, Seattle, WA, 98195-7330, USA. jcha@u.washington.edu.

1999 WARDER CLYDE ALLEE COMPETITION

The Warder Clyde Allee Competition for Best Student Paper will take place on the second day of the 2000 Annual Meeting at Morehouse College, 5-9 August 2000 in Atlanta GA. Eligible students are encouraged to participate.

Eligibility requirements: Any independent student research (including, but not limited to, the doctoral dissertation) most of which is unpublished at the time of submission for the session 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, collection and analysis of data and interpretation of results. Only single-authored papers are eligible. Entrants cannot have completed defense of the doctoral dissertation before the preceding ABS annual meeting (July 1999) and an individual can enter the Allee Competition only once per lifetime.

To enter: Students must indicate their desire to be considered for the competition by checking the appropriate box on the abstract submittal form for the annual meeting, submit a written 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 written papers), present a spoken version during the 2000 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 of no more than 7 double-spaced text pages and no more than a total of 4 tables and/or figures (this limit does not include abstract, references or acknowledgments) must be received by Dr. Michael D. Beecher, ABS Allee Competition Chair, Department of Psychology, University of Washington, Seattle, WA 98195, USA by the due date for submission of abstracts for the annual meeting. **THOSE INTERESTED IN THE COMPETITION SHOULD BE SURE TO CHECK THE DEADLINE DATE FOR ABSTRACT SUBMISSIONS FOR PAPERS AT THE ANNUAL MEETING.** 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 Mike Beecher, (e-mail: beecher@u.washington).

CALL FOR NOMINATIONS FOR SERVICE AWARDS

The Animal Behavior Society makes up to three awards each year, called Exceptional Service Awards, to individuals from our organization who have consistently aided the Society in its organization and operations.

To make a nomination: Members of the Society are encouraged to submit nominations for this award. The nomination consists of a letter outlining the contributions that the nominee has made to the Animal Behavior Society. Additional supporting letters from colleagues may be submitted. These materials should be sent to: Dr. Meredith West, Chair, Career Awards Committee, Departments of Biology and Psychology, Indiana University, Bloomington, IN, 47405, USA. E-mail: mewest@bio.indiana.edu. DEADLINE: Feb. 1, 2000.

NOMINATIONS SOLICITED FOR THE WILLIAM C. BROWN ANIMAL BEHAVIOR TEACHING AWARD

Thanks to the generosity of William C. Brown Publishers, the Animal Behavior Society solicits nominations for the William C. Brown Animal Behavior Teaching Award for 2000, to be awarded at the 2000 ABS meeting at Morehouse College. The awardee will receive a \$500 personal stipend and a grant of \$500 to enhance undergraduate instruction in animal behavior at the awardee's institution.

Nominees for the award must show evidence of effective and innovative teaching and have a reputation among peers and students for excellence in undergraduate animal behavior instruction maintained over a number of years. Persons wishing to make a nomination must submit a one-page nomination letter and names, addresses and phone numbers of at least two additional references. Selection will be made by the ABS Education Committee. Upon receipt of a nominating letter, the committee will solicit supporting materials such as course syllabi, student evaluation summaries, letters from students or peers, documentation of teaching awards and innovations, textual or laboratory materials, and other indicators of superior undergraduate teaching.

Nominators and nominees must be members of the Animal Behavior Society; current officers and committee chairs of the Animal Behavior Society are not eligible for nomination. Nominations must be submitted by **Jan. 15, 2000**, to: Dr. Michael Renner, Chair of the ABS Education Committee, Dept. of Psychology, West Chester University, West Chester, PA 19383.

DIVERSITY FUND STUDENT REGISTRATION FEE AWARDS

A limited number of awards will be made from the Diversity Fund to cover registration fees for graduate students attending ABS annual meetings. Applicants must be enrolled in a graduate program at the time of application and must be members of under-represented minorities, including those living in North America who are of African, Asian, or Latin American descent and those who are of Native American heritage, citizens of Latin American countries, and non-white citizens of African countries. Awards will be made by a lottery including all valid applications received before 1 March 2000. A letter of application and a signed statement from the student's major professor confirming the student's graduate status should be directed to Marlene Zuk, Department of Biology, University of California, Riverside, CA 92521. E-mail: mzuk@citrus.ucr.edu.

ANNOUNCEMENTS AND OPPORTUNITIES ARE CONTINUED ON PAGE 14.

ANIMAL BEHAVIOR SOCIETY
2000 Annual Meeting
Morehouse College & Zoo Atlanta, Atlanta GA

Morehouse College and Zoo Atlanta are pleased to invite you to attend the 37th Annual Meeting of the Animal Behavior Society. We are planning a unique, exciting and enjoyable program and hope you will make plans to attend.

Meeting Dates: August 5-9, 2000

Web Site: Information about the meeting, Morehouse College, Zoo Atlanta and the city of Atlanta can be found on the WWW at: <http://www.animalbehavior.org/ABS/Program/>. You may also register and pay for the meetings, reserve housing, and submit abstracts for presentations via this WWW site.

Conference Site: The majority of the conference will be at Morehouse College. Morehouse College, founded in 1867, is an all-male Historically Black Institution. The 55-acre campus of this liberal arts college is located one mile west of downtown Atlanta. Meeting spaces and residence halls are pleasant, air-conditioned, and very close to each other.

Zoo Atlanta, located in historic Grant Park, is 4.5 miles from Morehouse. Zoo Atlanta is best known for its leadership in the movement to provide naturalistic habitats for zoo animals. The Closing Celebration will be held at Zoo Atlanta.

Atlanta is a major city that can easily be reached by all forms of transportation. The Hartsfield International Airport offers daily flights to all parts of the US.

Weather and Suggested Attire: Atlanta is in the “Deep South”, and during the month of August it will be hot and humid. All of the meeting rooms and resident halls are air-conditioned. Outdoor temperatures typically will be in the 90s during the day and low 80s at night, with humidity ranging from 50 to 80%. During this time of year, there are often periods of rain between 3-6 PM. Shorts and sandals are acceptable for all meeting sessions.

Housing: We will have five resident halls available, all in very close proximity to each other and to the session rooms. The majority of rooms are doubles but there will be a limited number of single rooms. Families are welcome but there will be no apartment-style spaces or childcare available on campus. Therefore we suggest those participants bringing families with them utilize off-campus lodging. A list of hotels reasonably near Morehouse will be provided on the meeting WWW site. Some of these offer childcare for their guests.

Extra day: Participants who wish to come a day early may do so at a nominal charge, without food service. Checkout time for the resident halls will be 12:00 noon on August 10. Breakfast will be served on this day.

Parking: All registered participants may park on campus for free. A parking pass will be included in your registration packet.

Program: The meeting program will begin on Saturday afternoon with a picnic followed by the first Film Session. We will then have four full days of sessions (Sunday – Wednesday), including activities scheduled every evening. Each morning will begin with a plenary session. Robert Trivers will give the Keynote presentation, Chris Boake and Hugh Drummond will give Fellows lectures, and Dee Boersma will present a special plenary talk sponsored by the ABS Conservation committee. In addition to the regular talks and poster session, we are planning symposia on: 1) Dispersal Behavior, 2) Comparisons of the behavior of Primates and Cetaceans, and 3) Applied Animal Behavior.

Closing Celebration: The closing celebration will be informal and will take place on Wednesday evening at Zoo Atlanta. The closing celebration ticket includes admission to the Zoo, dinner and transportation from Morehouse to the Zoo and back. We will end the regular sessions and begin transportation to the Zoo in the late afternoon, giving individuals a chance to tour the Zoo before dinner. Zoo Atlanta admission will be free for ABS meeting participants who purchase a Closing Celebration ticket. The evening banquet will be held in the Conservation Action Resource Center (ARC), a new facility that houses Zoo Atlanta's education, conservation and science programs under a "living roof" of grasses and other plants. In addition to the usual ABS awards ceremony, we will hear a brief presentation about research conducted at the Zoo. Afterward, we will have time to socialize with friends over drinks and music.

Other Events: Atlanta has everything that you would expect to find in a major city, including a wide range of entertainment such as movie theaters, performing arts, concert halls, night clubs, theme parks, museums, and professional athletic teams. More information about entertainment opportunities is available via the WWW site.

Image Display: The ABS Education committee is again soliciting entries for an Image Display. Images will be displayed throughout the Annual Meeting and may be added to the ABS WWW site for use as a teaching resource. Images may include photographs or other artwork that exhibit animals, behavior, study sites, or methodology. Each image must include an educational caption explaining why the image is important. Images should be submitted to the Program Officer using the attached form. See the Call for Papers for submission instructions. Images may be retrieved at the end of the meeting.

Animal Behavior Society Meeting, August 5-9, 2000
HOUSING RESERVATION FORM
Morehouse College & Zoo Atlanta

FORM SUBMISSION: Housing reservations and full payment must be received no later than May 12, 2000. We strongly encourage you to reserve and pay for housing via the WWW at: <http://www.animalbehavior.org/ABS/Program/>. If this is not possible, you may fill out the form below and mail to: **ABS 2000 Office, c/o Larry Blumer, Department of Biology, Morehouse College, 830 Westview Drive SW, Atlanta, GA 30314.**

RESERVATION INFORMATION (Please use a separate form for each person.)

Name (Last, First, Initial): _____ **M** ___ **F** ___

Mailing Address: _____

City/State/Province/etc. _____

Phone () _____ **Fax ()** _____ **E-mail** _____

Please note any special conditions with which you need assistance: _____

FEE CALCULATION

Package A (Lodging Sat-Thurs am/Bkfst Sun-Thurs/Lunch Sun-Wed)

DOUBLE OCCUPANCY \$240/person=\$ _____

SINGLE OCCUPANCY \$300/person=\$ _____

Package B (Package A, plus dinner Sun - Tues)

DOUBLE OCCUPANCY \$260/person=\$ _____

SINGLE OCCUPANCY \$320/person=\$ _____

Extra night (available August 4 only; does not include meals)

DOUBLE OCCUPANCY Date: _____ \$55/person/night=\$ _____

SINGLE OCCUPANCY Date: _____ \$65/person/night=\$ _____

Double occupancy roommate request: _____

Only mutual requests will be honored. If no request is made, a roommate will be assigned.

I plan to arrive on (date): _____ at (time): _____

I plan to depart on (date): _____ at (time): _____

PAYMENT IN U.S. FUNDS: Deadline for reservation and prepayment is *May 12, 2000*. Payment must accompany form. Please pay by check or money order, in U.S. Funds, drawn on a U.S. Bank, made payable to **Morehouse College**. If you wish to pay by credit card, please do so via the WWW.

OFF-CAMPUS LODGING: We strongly encourage all guests to stay on campus. However, if you wish, you may make arrangements at a local hotel. Contact information for local hotels can be obtained on the WWW site.

Animal Behavior Society Meeting, August 5-9, 2000
MEETING REGISTRATION FORM
Morehouse College & Zoo Atlanta

FORM SUBMISSION: We strongly encourage you to register and pay for meeting registration via the WWW at: <http://www.animalbehavior.org/ABS/Program/>. If this is not possible, you may fill out the form below and mail to: **ABS 2000 Office, c/o Larry Blumer, Department of Biology, Morehouse College, 830 Westview Drive SW, Atlanta, GA 30314.**

REGISTRANT INFORMATION:

One registrant per form, please. Photocopy form as needed.

Name (Last/First/Initial): _____

Name preferred on Badge: _____

Institution: _____

Mailing Address: _____

City/State-Province/Zip-Postal code/Country: _____

Phone () _____ Fax () _____ E-mail _____

FEE SCHEDULE:

| | <i>On/Before May 12, 2000</i> | <i>After May 12, 2000</i> | |
|------------------------------------|-------------------------------|---------------------------|-----------------|
| ABS Member registration | \$190 | \$210 | \$ _____ |
| ABS Student or Dev. Nations Member | \$95 | \$115 | \$ _____ |
| Non-member registration | \$225 | \$245 | \$ _____ |
| Guest registration | \$85 | \$105 # _____ | \$ _____ |
| Sat Evening Picnic | \$15 | \$20 # _____ | \$ _____ |
| Wed Closing Celebration | \$30 | \$35 # _____ | \$ _____ |
| T-Shirts (circle size) M L XL | \$15 | NA | \$ _____ |
| TOTAL ENCLOSED | | | \$ _____ |

Do have any special conditions with which you need assistance? Please describe the assistance needed:

METHOD OF PAYMENT: Payment must accompany form. Please pay by check or money order, in U.S. Funds, drawn on a U.S. Bank, made payable to **Morehouse College**. If you wish to pay by credit card, please do so via the WWW at <http://www.animalbehavior.org/ABS/Program/>

CALL FOR PAPERS
ABS Annual Meeting; Aug. 5-9, 2000
Morehouse College & Zoo Atlanta

FINAL DEADLINE FOR RECEIPT OF ABSTRACTS AND IMAGES: March 17, 2000.

ABSTRACT SUBMISSION: We strongly encourage you to submit your abstract, register and pay for the meetings via the ABS WWW page (<http://www.animalbehavior.org/ABS/Program>). We have set this page up so that you can return to it multiple times to save and make corrections up until the final date of submission. If you cannot submit your abstract via the WWW, send it via the regular mail (hard copy, 3.5" floppy diskette, and abstract form) to the Program Officer at the address below. Registration materials (and payment) must be received by the meeting host at the same time as the abstract is submitted.

LIMITATIONS: ABS members may present or sponsor only one contributed paper at an Annual Meeting. A member may show one film and participate in an invited paper session or symposium in addition to giving or sponsoring one contributed paper. The research reported at an Annual Meeting must comply with all applicable laws concerning animal care and welfare.

CONTRIBUTED PAPERS:

TALKS will be 15 min. in length with 12 min. for presentation and 3 min. for discussion. A single slide projector (standard 2x2), overhead transparency projector, and video projector will be available. We discourage the use of computer projection because of the many problems associated with setting up the equipment. If you want to use computer projection, plan to bring all of your own computer and projector equipment (and a set of backup overheads).

POSTER PAPERS will be on display throughout the meetings, with one evening set aside for author attendance. Poster papers are highly recommended as they can facilitate discussion, perusal of data and one-to-one exchanges of ideas. The **FOUNDERS AWARD** will be given for the best poster paper at the Annual Meeting. All ABS members are eligible to compete. If you wish your poster to be considered for this award, please mark that category when submitting your abstract. Detailed instructions will be sent to those in the competition.

ALLEE AWARD: The W.C. Allee Award will be presented for the outstanding student paper at the Meeting, and is judged on the basis of both a talk and a written manuscript. Any independent research that is largely unpublished by the submission deadline is eligible for this cash and book award, provided that the student has not competed before and has not completed the final defense of a doctoral dissertation before June 1999. Each paper must have a single author. To compete, you must register and submit an abstract via the WWW, including a pdf version of your manuscript (no more than 7 pages of double-spaced text plus 4 tables and/or figures, written in the *Animal Behaviour* format). Instructions for creating pdf documents will be included with the WWW documentation. A single page update may also be submitted up until June 10.

SYMPOSIA AND INVITED PAPER SESSIONS: ABS strongly encourages members to plan an invited paper session or symposium for a future meeting. If interested, please contact the Program Officer as soon as possible for additional information. Proposals for the 2001 meeting at Oregon State University, Corvallis OR must be submitted by **1 May 2000**.

ABSTRACT SUBMISSION FORM
ABS Annual Meeting; Aug. 5-9, 2000
Morehouse College & Zoo Atlanta

Abstracts and registration materials must be received no later than **March 17, 2000**.

We strongly encourage you to submit your abstract, register and pay for the meetings via the ABS WWW page (<http://www.animalbehavior.org/ABS/Program/>). If you cannot submit your abstract via the WWW, send this form via the regular mail (hard copy, 3.5" floppy diskette, and this form) to the Program Officer at the address below (FAX and late submissions not accepted). Registration materials (and payment) must be received by the meeting hosts in Atlanta at the same time as the abstract is submitted.

1. Title of paper (Please type or print)

2. Presenting author's full name and contact information (use full first name and middle initial; include regular mailing address, email address and telephone numbers)

3. Authors' full names and institutional affiliations (include presenting author and identify which authors are at which institutions)

4. Category of Presentation (see instructions for details)

- | | |
|--|---|
| <input type="checkbox"/> ABS Poster | <input type="checkbox"/> ABS Founders Award Poster |
| <input type="checkbox"/> ABS Allee Award talk | <input type="checkbox"/> ABS Regular 15-min talk |
| <input type="checkbox"/> ABS Symposium talk or Invited Paper | <input type="checkbox"/> ABS plenary (Keynote, Fellows, etc.) |

5. ABS members may present or sponsor only one contributed paper at an Annual Meeting (in addition to one film, and/or invited talks). This paper is sponsored by:

- the presenting author, an ABS member in good standing
 _____ (print full name), an ABS member in good standing
 ABS, presenting author is a foreign scientist

6. Please rank (e.g., "1" for first choice) the top three categories that best describe your paper topic. (Your choices do not guarantee that your paper will be in a session by that name.)

- | | |
|---|---|
| <input type="checkbox"/> conservation | <input type="checkbox"/> applied animal behavior |
| <input type="checkbox"/> mechanisms (horm., neuro., gen.) | <input type="checkbox"/> communication structure/function |
| <input type="checkbox"/> recognition | <input type="checkbox"/> social behavior |
| <input type="checkbox"/> evolution/phylogeny | <input type="checkbox"/> mate choice/mating behavior |
| <input type="checkbox"/> aggression/dominance | <input type="checkbox"/> habitat choice |
| <input type="checkbox"/> dispersal/migration | <input type="checkbox"/> orientation/navigation |
| <input type="checkbox"/> foraging | <input type="checkbox"/> predator/prey |
| <input type="checkbox"/> parental care | <input type="checkbox"/> development |
| <input type="checkbox"/> learning/cognition | <input type="checkbox"/> other _____ |

7. Is this presentation based on research sponsored by an ABS research grant? ___ Yes ___ No

8. Is this your first presentation at a national ABS meeting? ___ Yes ___ No

9. Is the presenting author an undergraduate student? ___ Yes ___ No

10. Would you be willing to chair a session other than the one you are in? ___ Yes ___ No
If yes, please note any special requests or potential time conflicts:

11. Include both hard and electronic (on 3.5" floppy diskette) copies of your abstract. The abstract must not exceed 200 words, including the title and authors. The text of the abstract should be organized as follows: a) Specific objectives, b) Methods, c) Results, d) Conclusions.

12. If you find that you are unable to present your paper at the meeting, please contact BOTH the Program Officer and local hosts BEFORE THE START OF THE MEETING. Failure to do so may result in being barred from presenting a paper the following year.

IMAGE SUBMISSION

To submit an image, send the following information to the Program Officer:

1. Name and address of submitter.
2. General description of the artwork (photographs, cartoons, or other artwork). No more than 2 images per person will be accepted, but each image may contain up to 4 frames that illustrate a single sequence.
3. Image size and orientation (must be no smaller than 8x10 in. and no larger than 24x36 in. Contact the Program Officer to discuss special cases.)
4. Citation if the image has been published
5. Educational caption explaining why the image is important. (Should not exceed 200 words.)
6. A signed statement indicating
 - a. that the image is copyrighted and that ABS has permission to exhibit it,
 - b. that ABS will not be held responsible in case of damage or loss,
 - c. whether you are willing to have the image displayed on the ABS WWW site for educational purposes.
7. **Mail** images, caption, and copyright statement to the Program Officer (address below) **by May 1, 2000**. Images may be retrieved at the end of the meeting.

**Dr. Emília P. Martins,
ABS Program Officer
Department of Biology
University of Oregon
Eugene, OR 97403 U.S.A**

CANDIDATES FOR THE 1999 ELECTION OF ABS OFFICERS

SECOND PRESIDENT ELECT

Bennett G. Galef

Education: BA Princeton University, 1962; MA University of Pennsylvania, 1964; PhD University of Pennsylvania, 1968.

Current Position: Professor of Psychology and Adjunct Professor of Biology, McMaster University, Hamilton, Ontario.

Research Interests: Social learning, foraging, mate choice.

ABS related activities: Member ABS Ethics Committee (1986-1987), ABS Fellow 1985; Member-at-Large, ABS Executive Committee (1991-1994), ABS Symposium co-organizer (1992); Ex-officio Member ABS Executive Committee (1997-2000), Member ABS Investments Committee, 1994, 1997; Chair ABS Investments Committee (1999-present), Member ABS-ASAB Negotiating Committee (1996-1997), Chair ABS-ASAB Liason Committee (1997-2000); Member Animal Behaviour Editorial Board (1985-1988), Associate Editor, Animal Behaviour (1994-1997), Executive Editor, Animal Behaviour (1997-2000).

Anne B. Clark

Education: B.A., 1971, University of Chicago; PhD., 1975, University of Chicago.

Present Position: Associate Professor, Biological Sciences and Center for Developmental Psychobiology Binghamton University (SUNY), Binghamton, NY.

Research Interests: behavioral ecology, parent-offspring interactions and development, individual differences in behavior, sex ratio.

ABS and related activities: Organized symposium at 1983 meeting of ABS; Co-host of national ABS meeting 1990; Allee Award Judge, 1994; Program Officer 1995-98; Advisory Board, Quarterly Review of Biology. Reviewer for AB 1978-present. Chair Binghamton University IACUC 1993-present.

TREASURER

Nancy G. Solomon

Education: B.S., 1973, University of Pittsburgh; M.A., 1984, Case Western Reserve University; Ph.D., 1991 University of Illinois at Champaign-Urbana.

Present Position: Associate Professor of Zoology, Miami University, Oxford, OH.

Research interests: Evolution and mechanisms of social organization; social behavior; dispersal; parental behavior and reproduction; small mammals; rodents.

ABS and related activities: Member of ABS since 1983, chaired paper sessions at ABS multiple years, Endowments committee 1993-1995, Chair endowments committee 1994, Education committee, 1996-1998, Co-organizer symposium at Animal Behavior Society meeting 1992, NSF Animal Behavior Panel for Dissertation Improvement Awards 1997-1999, Member of organizing Committee Midwest Animal Behavior Society meeting 1995, Reviewer, Animal Behaviour since 1989.

Thomas C. Rambo

Education: B.A., 1962, College of Wooster; M.Sc., 1963, Ohio State University; Ph.D., 1967, Ohio State University.

Present Position: Professor of Biological Sciences, Northern Kentucky University, Highland Heights, KY.

Research Interests: Insect-plant interactions, avian social groups, educational methods in teaching animal behavior, integrated science education.

ABS and related activities: Education, animal care, and film committees. Chair, Film Committee, 1992-1994. Co-host, 1989 ABS meetings. Organized film sessions for I.E.C., 1995.

EXECUTIVE EDITOR

Jeffrey R. Lucas

Education: B.S. 1975, Florida Institute of Technology; M.S. 1978, University of Florida; Ph.D. 1983, University of Florida.

Present Position: Associate Professor of Biological Sciences, Purdue University, West Lafayette, IN.

Research Interests: Energy regulation, dynamic optimization, animal communication (currently with chickadees).

ABS and related activities: Constitution, Bylaws and Policy Committee (1990-91), Assistant Program Officer (1991-94), Associate Editor, Animal Behaviour (1997-98), Editor, Animal Behaviour (1998-present), NSF Dissertation Improvement Panel and Postdoctoral Research Fellowship Panel (1995-1998), NIMH Special Initiatives Panel (1998).

MEMBER AT LARGE

Stephen Nowicki

Education: B.S., 1976, Tufts University; M.S., 1978, Tufts University; Ph.D., 1985, Cornell University.

Present position: Anne M. and Robert T. Bass Associate Professor of Zoology, Experimental Psychology, & Neurobiology, Duke University
Research interests: Mechanisms of behavior, animal communication (especially bird song), sexual selection, development and evolution of behavior.

ABS and related activities: ABS Fellow, 1998; ABS Founders Award judge, 1999; ABS Ethics committee, 1998-present; ABS Symposium co-organizer, 1993; Chair, Division of Animal Behavior, Society for Integrative and Comparative Biology (SICB), 1996-present; ABS-SICB Liaison, 1996-present; NSF Animal Behavior Panel, 1999-present; NSF Predoctoral Fellowship panel, 1998; NIMH Psychobiology, Behavior & Neuroscience study section, 1994-1998.

Nicola S. Clayton

Education: BA (Honors), 1984, Pembroke College, Oxford, UK. MA, 1987, Pembroke College, Oxford, UK. Ph. D., 1987, University of St. Andrews, UK.

Current Position: Associate Professor in Neurobiology, Physiology & Behavior and Chair of the Animal Behavior Graduate Group, University of California Davis.

Research Interests: Neuroethology of cognition in food-storing birds and mammals; ontogenetic and seasonal changes in brain and behavior, mechanisms of behavioral and brain development in food-storing and song learning birds; avian hemispheric asymmetries.

ABS and related activities: Reviewer of Animal Behaviour since 1986; Consulting Editor for Animal Behaviour (1991-1995), Recipient of ASAB travel awards 1987, 1989, 1990; Music and Dance Coordinator, 2000 ABS Meeting.

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

END OF ELECTION INFORMATION. BALLOT
ON PAGE 18.

ANNOUNCEMENTS AND OPPORTUNITIES CONTINUED...

TRAVEL AWARDS FOR LATIN AMERICANS ABS ANNUAL MEETING MOREHOUSE COLLEGE 5-9 AUGUST 2000

There will be 4 grants averaging \$200, awarded to Latin American faculty and students presenting a paper or poster at the annual meeting. These grants are intended to help defray the cost of housing and meals. Priority will be given to applicants with no other source of funds to support travel. Please send a letter indicating your academic status and your e-mail address, a copy of your abstract, and a budget of meeting-related expenses indicating the amount of funding from other sources to Dr. James Ha, Regional Primate Research Center, University of Washington, Seattle, WA, 98195-7330, USA or electronically to jcha@u.washington.edu by February 1, 2000. Applicants will be notified of results by February 21, 2000. If a letter of invitation from ABS will assist in obtaining additional travel funds, contact Zuleyma Tang-Martinez SZTHALP@umslvma.umsl.edu.

2000 MEMBERSHIP RENEWALS

Renewal / Status forms for 2000 have now been mailed to all active and lapsed members with valid addresses on file. If you haven't received yours or your envelope was missing the information form or the renewal form, please contact the central office (aboffice@indiana.edu) or use the Application/Renewal form on the back of this newsletter. You may also download a form from the ABS web site at <http://www.animalbehavior.org/ABS/Members/>. If your membership lapsed in 1999 and you wish to order 1999 journals, you may do so by paying 1999 dues (same as 2000) and note that you wish to receive 1999 journals on your form and/or check.

MEETINGS

ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS

2000: 5 - 9 August at Morehouse College,
Atlanta, GA.

2001: 16-20 July at Oregon State University,
Corvallis, OR.

Watch the ABS website for details.

OPPORTUNITIES

The Secretary reminds you that a time lag exists between my receipt of advertisements and the publication of the Newsletter. Positions listed here may already be filled. Please contact those offering opportunities before applying.

RAINFOREST RESEARCH GRANTS:

Grants are available for researchers interested in working in southeastern Peru in some of the world's richest lowland tropical forests. Grants support research conducted at Tambopata Research Center (TRC) or Posada Amazonas Lodge (PAL), two facilities operated by Rainforest Expeditions. Graduate students and senior researchers interested in any aspect of tropical biology or environmental studies are encouraged to apply, but preference is given to studies focusing on large vertebrates or the impacts of ecotourism. The area boasts healthy populations of large raptors, giant river otters, and tapirs along with some of the world's most diverse bird, plant and frog communities. Opportunities also exist to join the active parrot and macaw research program. Parrot research is focused on use of clay licks and macaw population management and other possibilities abound. TRC is surrounded by large expanses of protected forest including floodplain, terra firme and bamboo forest. PAL is closer to the frontier town of Puerto Maldonado and is on a reserve established in 1988 by the Ese' eja Native Community of Infierno. With the permission of the community, studies can be carried out on land with different habitats, impact regimes and successional states. The grants provide free room and board at TRC or PA and free transportation from Puerto Maldonado. Room and board is available to assistants at a rate of \$15 per day and Rainforest Expeditions can help locate Peruvian assistants if needed. Applications are being accepted now for December 1999 - August 2000. The application deadline is 1 July for September - December 2000 projects. To apply, please send a resume and brief (3 page max) proposal outlining

your study to Donald J. Brightsmith, Duke University Department of Zoology, djb4@duke.edu. All applications must be submitted by e-mail.

POSTDOCTORAL AND GRADUATE OPPORTUNITIES IN ANIMAL BEHAVIOR AT INDIANA UNIVERSITY

The Program in Animal Behavior at Indiana University seeks outstanding candidates for training in animal behavior that combines approaches from biology, neuroscience, and psychology. POSTDOCTORAL candidates should apply by March 1, 2000 for a one-year position (renewable) contingent on federal funding. PREDOCTORAL candidates should apply by Jan. 15th for fall 2000. Inquires to: CISAB, 402 N. Park Ave., Indiana Univ., Bloomington, IN 47405; (812)855-9663; FAX (812) 855-0411, email: lisummer@indiana.edu, web site address: http://www.indiana.edu/~animal/academics/CISAB_postdoc.html Applications by minorities and women are encouraged. AA/EOE. US citizenship is not Required.

POSTDOCTORAL RESEARCH ASSOCIATE IN MOLECULAR ECOLOGY:

St. Mary's College of Maryland, a public liberal arts college in St. Mary's City, Maryland, is accepting applications for the full-time position of Postdoctoral Research Associate in Molecular Ecology. A Carnegie Baccalaureate I institution, St. Mary's College has been designated as the state's public honors college. The college is located 70 miles southeast of Washington, D.C. The suitable candidate will conduct research on a National Science Foundation funded project. Applicants should have experience with molecular techniques and be willing to work with wild birds in the field. Opportunity to teach undergraduate courses on a part-time basis may also be available. Position begins ASAP and is for 12 months; additional years contingent upon funding. Send resume and a list of references (with e-mail addresses) to Dr. Elaine M. Tuttle, Department of Biology, St. Mary's College of Maryland, St. Mary's City, MD 20686. Review of resumes will begin immediately and continue until the position is filled. St. Mary's College is an Affirmative Action/Equal Opportunity Employer. Visit our Website: <http://www.smc.edu/AdminOff>.

RESEARCH OPPORTUNITY IN PERU:

The Asociación Cracidae and Barbara D' Achille captive breeding facility seek volunteers, graduate students, veterinary students and senior researchers interested in studying the ecology, reproduction, genetics, behavior, pathology, physiology and conservation of wild or captive White-winged Guan (*Penelope albipennis*). The guan is a critically

endangered species endemic to the dry forests of northern Peru.

The facility houses 90 guans and is located near the species' native habitat. A pilot reintroduction project is scheduled to begin spring of next year and involvement by outside researchers is strongly encouraged. Comparative studies involving captive birds are possible as the facility also houses *Mitu salvini*, *Mitu tuberosa*, *Psophia leucoptera*, *Psophia crepitans*, *Ortalis guttata*, *Penelope jacquacu*, *Aburria pipile*, and others. Investigators will receive room, board, work space and logistical support for \$10 (US) per day. For more information please contact: LUCILA PAUTRAT, Jefa del Zoológico "Bárbara D'Achille", Torres Paz 708 - Chiclayo, Perú, Tel:(011 51 74) 22 _ 4952, E-mail: cracidae@llampayec.rcp.net.pe

VOLUNTEER FIELD ASSISTANTS needed for study of behavioral ecology of Utah prairie dogs. Topics of research include multiple paternity, alarm calling, infanticide, communal nursing, levels of inbreeding, demography, and population dynamics. Study colony is in Bryce Canyon National Park, Utah. Field season starts 05 March and ends 10 July. Academic credit is possible, and several previous field assistants have applied research towards either senior thesis or Master's degree. Please contact John L. Hoogland, The University of Maryland, Appalachian Laboratory, Frostburg, Maryland. Telephone: 301-689-7130 (work) or 301-689-8076 (home). FAX: 301-689-7200; E-mail: hoogland@al.umces.edu

VOLUNTEERS - Approximately 30 volunteer positions are open in 2000 at the American Museum of Natural History's Southwestern Research Station in Portal, Arizona. The volunteer program is run annually and offers students in biological sciences outstanding opportunities to observe and become involved with scientists doing field research. Food and lodging are provided to volunteers in exchange for twenty-four hours per week of routine chores, with the remaining time available for research activities. The program is open to both undergraduate and graduate students; the latter may pursue their own research projects. Faculty knowing of promising students should alert them to this opportunity for professional experience toward, development of, and evaluation of their career goals. Volunteers are needed between March 14 and November 1. Appointments are for part of this period, with a minimum appointment of six weeks. Applicants for spring positions (March-May) should submit applications by February 15, summer volunteers (June-August) by April 1, and fall volunteers (September-November) may apply any time. For applications, write: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural

History, Portal, AZ 85632 USA; telephone 520-558-2396; e-mail: swrs@amnh.org

SOUTHWESTERN RESEARCH STATION STUDENT SUPPORT FUND - The American Museum of Natural History awards several grants each year of \$400-\$800 to graduate or postdoctoral students pursuing research at its Southwestern Research Station in the Chiricahua Mountains, Portal, Arizona. Information and application forms for this program and other Museum grant programs can be obtained by contacting: Office of Grants and Fellowships, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024-5192; e-mail: rnnavarro@amnh.org - Application due date: Feb. 15, 2000. Address questions concerning the Station to: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, Portal, AZ 85632 USA; telephone 520-558-2396; e-mail: swrs@amnh.org

SEASONAL STAFF ASSISTANT - Assist in operations of biological research station office, nature shop, and guest rooms: taking reservations, answering phones, greeting guests, supervising volunteers in housekeeping duties, etc. Begin mid-March 2000 through September 2000. Five-day week; salary \$235/wk, plus room (shared) and board, and medical benefits. Applicant must be conscientious, organized, enjoy people, and be interested in living in a remote setting (Chiricahua Mountains) and working with biological researchers. Biological training an asset. Call and send résumé to: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, Portal, AZ 85632. Phone and fax: 520-558-2396; e-mail: swrs@amnh.org

ANNOUNCEMENTS

The Committee for the National Institute for the Environment (CNIE) has launched an Environmental Research Information Exchange (ERIE) service which provides a forum for researchers, educators, resource managers, agency decision-makers, foundation representatives, journalists, librarians and others in all environmental fields to share information and discuss issues. The service is part of the CNIE National Library for the Environment located at www.cnie.org. ERIE is intended for: Managers and decision-makers to present research needs (funded and unfunded) or search for expert knowledge. Researchers and students, to locate research opportunities, collaborators or funders. Funders to advertise opportunities. All to share scientific information about the environment. ERIE will provide many services to help you to find answers to your

questions, solutions to your problems, and colleagues you may not know about: Bulletin Board for participants to post messages, questions and answers-organized by environmental topics. Highlights Page where selected research opportunities discussed by participants will be posted. Links and lists of funding opportunities. Outreach Service. The Committee for the National Institute for the Environment will share selected requests with its network of thousands of scientists, managers and others. For more information contact: David E. Blockstein, Ph.D., Senior Scientist Committee for the National Institute for the Environment 1725 K St. NW Suite 212 Washington, DC 20006-1401 202-530-5810 fax 202-628-4311 David@cnie.org, <http://www.cnie.org>.

The Education Committee of the Animal Behavior Society has established a Media Library for use in teaching animal behavior. We are now soliciting submission of high-quality photographs, line drawings, and data graphs illustrating important principles in animal behavior for use in teaching about animal behavior, and for which the submitter can grant copyright to ABS. To submit an image for the library, send the following: 1. Publication-quality photograph, line drawing, or data graph, or a digital file in some standard format (i.e., GIF or JPEG); 2. A statement saying that you are the owner of the image, and that you grant its copyright to ABS; 3. A descriptive caption, identifying the relevant species, principle, and appropriate teaching use(s) of the image; 4. Reference to one published source (e.g., article or book) providing more information about the topic addressed in the image; 5. How to give credit to the person(s) who provided the materials. To submit materials electronically, contact Michael Renner for instructions, via mrenner@wcupa.edu. Materials may also be submitted by regular mail to: Michael J. Renner Chair, ABS Education Committee Department of Psychology West Chester University West Chester, PA 19383-2112

AT THE MILLENNIUM, A LOOK BACK AND A LOOK AHEAD: From 22 to 24 March next year, some of the country's most preeminent scientists will gather in Washington to review the major advances in organismal and integrative biology made during the last century, and look ahead to future goals and challenges. The meeting is being cosponsored by the American Institute of Biological Sciences (of which ABS is a member organization) and the Smithsonian Institution. "Biology: Challenges for the New Millennium," which is also the 51st annual meeting of AIBS, will be held at the

Smithsonian in Washington, DC. This unique millennial event includes speakers Stephen J. Gould, Daniel H. Janzen, Gene E. Likens, Lynn Margulis, Gordon Orians, Ghillean Prance, Marvalee Wake, and Edward O. Wilson, and also offers attendees the chance to meet these notable scientists. Interactive breakout sessions will follow each plenary to discuss recent advances and future challenges in the fields of Behavior, Biodiversity & Conservation, Development & Morphology, Ecosystems, Energetics, Environment, Evolution, Integration, Regulation, and Science & Society. ABS has been invited to participate in the event by leading a breakout session. Other meeting features include a lecture by special guest Ernst Mayr, a workshop on the teaching of evolution (co-sponsored with the National Association of Biology Teachers), and a showing of the Smithsonian's new 3-D IMAX film on the Galapagos Islands. A limited number of poster submissions are also being accepted. Register online now and/or submit a poster abstract at <http://www.aibs.org/meeting2000/>. For more information contact AIBS Meetings Manager Marilyn Maury at 703/834-0812, ext. 203, or mmaury@aibs.org.

SUNBELT XX INTERNATIONAL SUNBELT SOCIAL NETWORK CONFERENCE

Vancouver, British Columbia April 13-16, 2000

The International Sunbelt Social Network Conference is a major forum for social scientists, mathematicians, computer scientists, and all others interested in social networks. The conference provides an opportunity for individuals interested in theory, methods, or applications of social networks to share ideas and common concerns.

For complete information on the conference, visit <http://www.sfu.ca/~insna>, or contact Bill Richards, School of Communication, Simon Fraser University, Burnaby, BC V5A 1S6, Canada; richards@sfu.ca; (604) 251-3272.

**BALLOT: 1999 GENERAL ELECTION OF
THE ANIMAL BEHAVIOR SOCIETY**

**MAIL BALLOTS IN AN ENVELOPE
BEARING YOUR NAME TO:**

**STEPHEN M. SHUSTER, ABS
SECRETARY, DEPT. OF BIOLOGICAL
SCIENCES, NORTHERN ARIZONA
UNIVERSITY, FLAGSTAFF, AZ 86011-
5640, USA**

**BALLOTS POSTMARKED AFTER
JANUARY 15, 2000, CANNOT BE
COUNTED**

You may cast write-in votes. We are electing three officers (terms begin July 1, 2000). All ABS members (regular members), student members, joint members and active Fellows) may vote. Results will be announced in the February Newsletter.

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:

Bennett G. Galef _____

Anne B. Clark _____

Write-in _____

FOR TREASURER:

Nancy G. Solomon _____

Thomas C. Rambo _____

Write-in _____

FOR EXECUTIVE EDITOR:

Jeffrey R. Lucas _____

Write-in _____

FOR MEMBER-AT-LARGE:

Stephen Nowicki _____

Nicola S. Clayton _____

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 reverse alphabetical order.

