



NEWSLETTER

Animal Behavior Society

A triannual publication

Danielle J. Whittaker, Public Affairs Officer

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2019 ABS Election

Society Election

RESULTS OF THE ABS ELECTION

A total of 402 validated ballots were cast in the election. This represents approximately 20% of the ABS membership. A big THANK YOU to those who ran for office, those who voted, and those who will soon be serving the society.

Congratulations to the new officers:

Second-President-Elect:

Eileen Hebets, University of Nebraska

Secretary: Ned Dochtermann, North Dakota State University

Treasurer:

Scott MacDougall-Shackleton, University of Western Ontario

Program Officer:

Tim Wright, New Mexico State

Parliamentarian:

Colette St. Mary, University of Florida

Member-At-Large:

Lilian Manica, Universidade Federal do Paraná



Election Results

MOTION PASSED: Motion to change Article 7 of the Constitution to remove the specific names of the standing committees from the Constitution, as these will occasionally change.

New Language:

Constitution Article 7: Standing Committees

Chairpersons of standing committees shall be appointed by the President with the consent of the Executive Committee; membership of the committees shall be appointed by the President in consultation with the Committee Chairperson, and reported annually to the Executive Committee. The membership of standing committees shall be appointed for terms of not more than three years. Members may initiate the formation of committee activities by request for authorization and approval from the Executive Committee at any time, or from the membership at the annual business meeting.

ABS Annual Meeting



Behaviour 2019 Symposia

We are pleased to announce the Behaviour 2019 Plenaries & Symposia.

[Read more »](#)



Behaviour 2019 Workshop & Events

We are pleased to announce the Behaviour 2019 Workshops & Events.

[Read more »](#)



Grants & Awards

The ABS offers a number of grants and awards to support the educational activities of its members.

[Read more »](#)

2018-2019 ABS OFFICERS

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Public Affairs Officer: Danielle J. Whittaker, BEACON Center for the Study of Evolution in Action,



BEHAVIOUR 2019
University of Illinois at Chicago
July 23 - 27, 2019
<http://www.animalbehaviorsociety.org/2019/>

A message from the 2019 meeting hosts:

A joint meeting of the 56th Annual Conference of the Animal Behavior Society and the 36th International Ethological Conference

University of Illinois at Chicago
July 23-27, 2019

Dear ABS/ICE Members and Friends,

We are pleased to invite you to Chicago, Illinois in July 2019 for the 56th annual meeting of the Animal Behavior Society and joint meeting with the Ethological Congress. We look forward to hosting you on our campus at the University of Illinois, Chicago (UIC), which is the largest University in the Chicago area. Chicago is an ideal location with easy access from across the country and around the world. There are two International airports in Chicago – O'Hare and Midway – collectively offering nonstop, affordable flights to many cities in the US and abroad.

Chicago welcomes more than 50 million visitors a year who come to enjoy the city's striking architecture as well as world-class museums, theaters, and restaurants. In the summer, visitors can also enjoy Chicago's beautiful lakefront beaches and parks, street festivals, and outdoor concerts. The UIC campus is located just west of downtown Chicago's "loop" in the University Village neighborhood. It is a short walk to Greek-town, Little Italy, and the trendy West Loop neighborhood. Grant Park, Millennium Park and the Art Institute are less than two miles from campus. UIC has rooms available that range from traditional double rooms (with about fifty people to a floor and community bathrooms) and cluster style rooms (with three doubles and two singles sharing a bathroom) to two and four bedroom apartments. There are also hotels within walking distance or easily accessible by public transportation that offer a discount rate for ABS attendees. The "Blue line" serves the campus (UIC-Halsted station) and connects UIC to downtown Chicago as well as O'Hare Field. Several bus lines also serve the campus.

The academic program is still being finalized, but we have some outstanding plenary speakers and symposia so far. Plenary speakers will include Gail Patricelli (University of California, Davis), Georgia Mason (University of Guelph), Amy Toth (Iowa State University) and Tanya Berger-Wolf (University of Illinois, Chicago). Conference symposia include "Animal behavior on an urbanized planet," "Cross-taxa perspectives on behavior and developmental origins," "Proximate causes of complex sociality," and "Phenotypic plasticity." The ABS president's plenary will be given by John Swaddle (College of William and Mary).

Other highlights include the annual graduate student Allee Award session, the Charles H. Turner Workshop for undergraduates (by invitation), Public Day hosted by the Applied Animal Behavior group, the Teaching Workshop hosted by the Education Committee, and a Workshop on "Weaving the Future of Animal Behavior" during the 5-day meeting.

Behaviour 2019 will be intellectually stimulating, as well as a fun time to meet old friends and make new ones. Please check this site regularly for updates and more details about the program, travel, accommodation, the closing banquet, and recommended pre- or post-conference sights-to-see. Registration will be opening early next year; be sure to register early to take advantage of the great early rates.

We look forward to seeing you in Chicago in July 2019!

Mary V. Ashley
UIC Local Host

Alison Bell
Program Officer

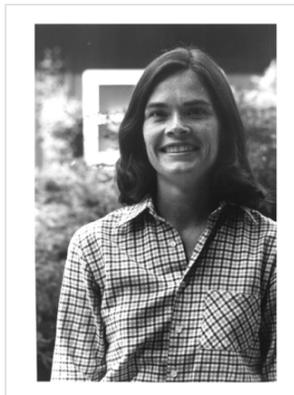
Elizabeth Tibbetts
Program Officer-Elect



Announcements

View the current ABS announcements.

[Read more »](#)



In Memorium

The ABS honors Dorothy L. Cheney, PhD: August 24, 1950 – November 9, 2018. Written by William A. Searcy and Ken Yasukawa.

[Read more »](#)

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ABS Meeting Code of Conduct

ABS meetings, open to ABS members and those interested in the science of animal behavior, are among the most respected scientific meetings in the animal behavior community. ABS is committed to providing a safe, productive and welcoming environment for all meeting participants and ABS staff. All participants including, but not limited to, attendees, speakers, volunteers, exhibitors, ABS staff, and service providers are expected to abide by this ABS Meetings Code of Conduct. This Code of Conduct applies to all ABS meeting-related events including those sponsored by organizations other than ABS but held in conjunction with ABS events, in public or private facilities.

Expected Behavior:

- All participants, attendees, ABS staff, and vendors are treated with respect and consideration, valuing a diversity of views and opinions.
- Be considerate, respectful, and collaborative.
- Communicate openly with respect for others, critiquing ideas rather than individuals.
- Avoid personal attacks directed toward other attendees, participants, ABS staff and suppliers/vendors.
- Be mindful of your surroundings and of your fellow participants. Alert ABS staff if you notice a dangerous situation or someone in distress.
- Respect the rules and policies of the meeting venue, hotels, ABS contracted facility, or any other venue.
- In accordance with ABS policy, request permission from speakers to audio record presentations. Request permission of the Executive Committee and the speaker to video record presentations.
- Respect presenters' requests to refrain from disseminating the contents of their presentation on social media or other public platforms. Presenters wishing to opt-out of media dissemination are encouraged to indicate their wishes by including a logo in their presentation, available here.

Unacceptable Behavior:

- Harassment, intimidation or discrimination in any form will not be tolerated.
- Physical or verbal abuse of any attendee, speaker, volunteer, exhibitor, ABS staff member, service provider or other meeting guest will not be tolerated.
- Examples of unacceptable behavior include, but are not limited to, verbal comments related to gender, sexual orientation, disability, physical appearance, body size, race, religion, national origin; inappropriate use of nudity and/or sexual images in public spaces or in presentations; threatening or stalking any attendee, speaker, volunteer, exhibitor, ABS staff member, service provider or other meeting guest.
- Disruption of talks at oral or poster sessions, in the exhibit hall or at other events organized by ABS at the meeting venue, hotels, or other ABS contracted facilities will not be tolerated.

Consequences:

- Anyone requested to stop unacceptable behavior is expected to comply immediately.
- ABS staff (or their designee) or security may take any action deemed necessary and appropriate, e.g., a verbal warning, immediate removal from the meeting without warning or refund, or reporting to the offender's employer.
- ABS reserves the right to prohibit attendance at any future meeting.
- If you are the subject of unacceptable behavior or have witnessed any such behavior, please immediately notify an ABS staff member or ABS volunteer in a leadership position. The notifier is not required or expected to discuss the concern with the alleged offender. All complaints will be treated seriously and investigated promptly. Confidentiality will be honored to the extent permitted as long as the rights of others are not compromised.

Notification should be done by contacting an ABS staff person on-site or e-mail your concern to info@animalbehaviorsociety.org.

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Behaviour 2019

Behaviour 2019 Keynote & Plenary Speakers

ABS and IEC is happy to announce the Behaviour 2019 program highlights below. Please note the preliminary program will be posted on the conference website soon. Please check back here for more information:

<http://www.animalbehaviorsociety.org/2019/program-preview.php>



Georgia Mason
University of Guelph
Keynote Lecture



Tanya Berger-Wolf
University of Illinois at Chicago
Plenary Lecture



Hans Hofmann
University of Texas at Austin
Plenary Lecture



Amy Toth
Iowa State University
Plenary Lecture



Gail Patricelli
University of California, Davis
Fellow's Lecture



John P. Swaddle
College of William & Mary
President's Lecture

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ABS 2019 Symposia

Animal Behaviour On An Urbanized Planet

Organizer: James Chadwick Johnson

As more than ½ of the human population now lives in rapidly expanding urban centres, urbanization is a particularly important example of rapid environmental change. The impact that urbanization has on the biota and ecosystems around us has unknown consequences for the long-term sustainability of habitats (both human and non-human). We propose a symposium, well-balanced across taxa, that addresses several emerging themes in the behavioural ecology of urban organisms. In particular, we aim to highlight theory and data that address the intuitive idea that behavioural plasticity in these rapidly changing environments is key for the success of urban organisms. Second, we ask participants to emphasize the benefits of coupling mechanistic and functional approaches in studies of urban behaviour. Third, we address a relatively new theme in urban ecology by examining the implications of spatial/environmental heterogeneity within and across cities. Indeed, this latter issue has the potential to help us understand (predict) how urbanization can affect behaviour (and potentially biodiversity) differently across the landscape. We bring a vibrant and diverse group of eager symposium participants (e.g. researchers from varied career stages and histories of ABS participation) and a pair of seasoned urban behavior researchers as organizers that will shepherd the discussion to yield the highest impact. It is our great hope that you will see fit to fund this timely symposium.

Cross-taxa Perspectives On Behavior And Developmental Origins

Organizers: Stacy Rosenbaum, University of Notre Dame and Elizabeth Archie, University of Notre Dame

The developmental origins of later life outcomes, including health, fitness, and life history variables, are still murky in most biological systems. Although experimental work has shed some light on the physiological and (epi)genetic mechanisms regulating the connection between early (or even pre-conception) experiences and later outcomes, behavior is a relatively underexplored frontier in the developmental origins literature. This session will curate papers that integrate developmental origins questions and behavioral data in a range of animal species. Understanding how behavior mediates relationships between early experience and later outcomes is crucial for testing, shaping, and refining foundational theoretical frameworks to understand early life effects. For example, behavior contains important information about how and why organisms make the life history tradeoffs they do, helping us distinguish amongst competing models of the connection between experiences and outcomes that may be removed by months, years, or even decades.

A complete understanding of developmental origins requires both proximate and ultimate levels of explanation. Research on captive populations, which provides critical experimental control and the ability to test causality, needs to be paired with work on wild populations, where organisms are subject to the context and selective pressures that shaped their evolutionary history. Therefore, this session will contain a mix of participants who study wild and captive populations. It will include papers that focus on animals whose life histories span the slow-to-fast continuum, to highlight where (and where not) lessons learned from one end of the spectrum can be applied to the other.

Proximate Mechanisms Of Complex Sociality

Organizers: Emily H. DuVal and Blake C. Jones

Complex social behaviors are an essential part of the lives of many animals, and are shaped by needs for reproduction, foraging, and survival. These social behaviors range from aggressive interactions to cooperation to parental care, and vary considerably both within and among species. The integration of molecular genetics, neurobiology, and physiology with animal behavior have garnered new insights into the proximate causes and consequences of complex sociality. Understanding the proximate mechanisms of social behaviors will help us better understand the adaptive function of these behaviors and ultimately the evolution of sociality. We propose this symposium to showcase recent advances in our understanding of the proximate regulation and mediation of animal sociality from the perspective of a variety of fields of study, and to highlight areas of developing research. This symposium will provide an overview of the wealth of proximate mechanisms that contribute to the regulation and modulation of complex social behaviors. It will include research by at least six speakers who represent a variety of distinct yet integrative biological disciplines.

Behavioral Plasticity

Organizers: Ned Dochtermann, Jennifer Hellmann, Kate Laskowski and Julie Morand-Ferron

Behaviour is often highlighted as an important means by which animals respond to rapid environmental

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changes. This is because behaviour largely influences how individuals interact with their environment and can be readily modified within an individual's lifetime. Growing evidence suggest that the ability of animals to adjust their behaviour to changing conditions can be crucial in determining individual fitness as well as population persistence. However, why animals exhibit substantial differences in behavioural responses is less clear because the mechanisms underlying behavioural adjustments are diverse. These include individual and social learning, as well as innovation, which can be defined as the use of a typical behaviour to solve a novel problem or a novel behaviour to solve an old problem. All of these processes can lead to the expression of behavioural plasticity, and co-vary with brain and brain region sizes across species. However, recent discussions have emphasized that individual learning, social learning and innovation are distinct processes, with potentially diverse impacts on survival and reproduction, and with different evolutionary trajectories. Here we highlight advances in our understanding of the evolution of innovativeness, learning and the brain, stemming from a diversity of approaches including large-scale comparative studies, artificial selection experiments, and the study of intraspecific variation in natural populations. In doing so, we aim to stimulate future research into the causes of variation in behavioural plasticity and its consequences for brain evolution.

Presidential Symposium: Constraints On Animal Mating Displays: Linking Production *Mechanisms To Signal Function*

Organizer: Jeff Podos, ABS Immediate Past-President

A long-standing challenge in behavioral biology has been to explain the evolution of elaborate and conspicuous mating displays. Emerging research programs on this topic are plumbing, in new ways, the physiological and biomechanical bases of display performance, and testing if and how variation therein might influence display function. This work aims to de-emphasize generic measures of signaler quality and condition, and instead favor analyses of specific organismal traits that link directly to display attributes including vigor, skill, and consistency. Speakers in this symposium will discuss their own research on these topics, and consider how research on display mechanisms inform our broader understanding of animal communication and sexual selection.

Allee Symposium for Best Student Paper

Organizer: Esteban Fernandez-Juricic, ABS Second President-Elect

This symposium features outstanding graduate student research, with an award for the best paper, and is a highlight of ABS meetings. The session honors Dr. Warder Clyde Allee (1885–1955), an animal behavior researcher who was very influential in the development and direction of animal behavior research in the 20th century. He was elected to the National Academy of Sciences in 1951 and ranks among the leading twentieth century ecologists, especially for his work in behavioral and animal ecology. In the 2019 ABS Allee Session, students will present their research to ABS members and talk judges.

ABS Workshop

Toward an Inclusive Environment in the Behavioral Sciences

Organizers: Avery Russell and Cameron Jones

Diversity benefits society and our science, yet diversity in our field does not reflect the diversity of our society. Are you seeking to increase recruitment and retention of minoritized scientists? Join us for a workshop that aims to educate scientists at all stages and especially principal investigators about the issues facing minoritized scientists and strategies to be culturally competent mentors. Minoritized scientists face unique issues that may be unique to academia (e.g., how to select a lab or how to network) or may be a function of broader societal issues (e.g., immigration, shootings, reproductive rights). When laboratories are culturally competent, members are more productive and are made to feel that they belong. Via invited talks, a panel discussion, and interactive exercises, in this workshop we will discuss what it means to be culturally competent, how to leverage cultural competencies to facilitate inclusion, and how to break down barriers, challenge stereotypes, and examine our own biases.

Send general correspondence concerning the Society to Danielle J. Whittaker, Public Affairs Officer, at: publicaffairs@animalbehaviorsociety.org. Deadlines for materials to be included in the Newsletter are the 15th of the month preceding each issue. The next deadline is **May 15, 2019**. 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.

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Behaviour 2019 Workshops & Events

ABS 2019 PRE-CONFERENCE WORKSHOPS

ABS 2019 Outreach Fair

Organized by the ABS Education Committee

Faculty members and graduate students representing over a dozen animal behavior research laboratories from across the US, Canada, South America and Australia will offer multiple activities highlighting current research questions, as well as the tools and techniques used in field research. Using interactive displays, activities, and live animals, learn more about how insects, frogs, fish and mammals help scientists to learn more about how our brains, bodies, and world works. Listen to insects walk, get up close and personal with reptiles, make your own cricket song, blow dart a 'baboon,' radio-track a mouse, and hear popular songs through the 'ears' of other animals. Activities will be available for children of all ages!



Teaching Workshop: Animal Behavior Lab Activities

Organizer: Heather Zimble-DeLorenzo, ABS Education Committee Chair

The Education Committee is hosting this free workshop focused on designing Animal Behavior laboratory activities. The development of a hypothesis and testing it can be difficult for undergraduates, especially one of their own. We will present different methods for engaging students in lab activities, even having participants do one. There will also be a focus on the use of quantitative analyses and interpretation of data. Participants will have time to work on creation of new lab activities.

Conservation Behavior Workshop: Implications of Solar Power on Wildlife Conservation

Organizer: Barbara Clucas, ABS Conservation Committee Chair

The Conservation Committee is hosting a workshop again this year, and more information will be posted here once details are available. Fee to attend: \$25 non-students, \$20 students, and \$5 Developing Nations attendees.

Weaving the Future of Animal Behavior Workshop

Organizer: Emilia Martins

The Weaving the Future of Animal Behavior workshop is an annual event for early-career professionals in animal behavior. The workshop will consist of panel discussions and other activities on topics such as developing a funding strategy, building a research group, time management, teaching strategies, and professional networking. At the end of the workshop, we will form peer-mentoring circles that will continue to meet via video-conferencing throughout the subsequent year.

Additional Pre-conference Day workshop details are available here:

<http://www.animalbehaviorsociety.org/2019/program-precon.php>

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PUBLIC DAY

ABS Public Day: The Modern Dog: In & Out of the Shelter

Saturday, July 27th | Time: 9:00AM-1:00 PM| UIC Conference Room TBD

Free and open to the public. No registration required.

Organized by the ABS Applied Animal Behavior Committee and Certified Applied Animal Behaviorists

Speakers:

Barbara Pezzanite, PhD, CAAB, CPDT-KA

Improving the Well-Being of Dogs In and Out of the Shelter Through Training and Enrichment

Erica Feuerbacher, PhD, BCBA-D, CPDT-KA

Foster Dogs as Temporary Pets: You, Your Dog, and the Shelter Dog Sleepover

Victoria Cussen, PhD, CAAB

A Dog Is Not a Dog: Individual Differences and Implications for Mental Well-being

Terri Bright, PhD, BCBA-D, CAAB

Transitions: The Devilish Behavior Is in the Details

Steve Dale, CABC

Fear Free™: Be the Change



Additional session details are available here: <http://www.animalbehaviorsociety.org/2019/program-public.php>

BEHAVIOUR 2019 EVENTS

Student-Faculty Networking Lunch

Organizer: Patrick Green, ABS Graduate Student Representative

Are you a graduate student or postdoc interested in talking with faculty about research interests, the job process, or other questions? Are you a faculty looking to mentor the next generation of scientists? Sign up for an ABS mentorship lunch at Behaviour 2019 in Chicago! Bring or buy your own lunch while you meet with faculty and a small group of peers on during the conference. To attend this workshop please, pre-register here: <https://fs9.formsite.com/ASERhq/akdupq1qma/index.html>

3-Minute Thesis Competition

The Public Affairs Committee will organize the third annual 3 MT competition at the 2019 meeting. The following description is taken from the creator's website: "Three Minute Thesis (3MT®) celebrates the exciting research conducted by PhD students around the world. Developed by The University of Queensland (UQ), the competition cultivates students' academic, presentation, and research communication skills. Presenting in a 3MT competition increases their capacity to effectively explain their research in three minutes, in a language appropriate to a non-specialist audience. Competitors are allowed one PowerPoint slide, but no other resources or props". We encourage all graduate students to consider participating in this event, particularly if they have fewer outreach opportunities at their home institution. Please email public.affairs@animalbehaviorsociety.org with any questions, and stay tuned for registration info.

Additional Behaviour 2019 Events and Activities details are available here:

<http://www.animalbehaviorsociety.org/2019/program-events.php>

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Animal Behavior, manuscripts and editorial matters: Authors should submit manuscripts online to Elsevier's Editorial System (<http://ees.elsevier.com/anbeh/>). For enquiries relating to submissions prior to acceptance, contact the Journal Manager (yanbe@elsevier.com). For enquiries relating to submissions after acceptance, visit Elsevier at <http://www.elsevier.com/journals>. For other general correspondence, contact Kris Bruner, Managing Editor, Animal Behaviour, Indiana University, 407 N. Park Avenue, Bloomington, IN 47408, USA. E-mail: krbruner@indiana.edu. Phone: 812-935-7188.

Change of address, missing or defective issues: ABS Central Office, 2111 Chestnut Avenue, Suite 145, Glenview, IL 60025, US.



NEWSLETTER

Animal Behavior Society

A triannual publication

Danielle J. Whittaker, Public Affairs Officer

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Research Grants & Travel Awards

Warder Clyde Allee Award

The 2019 Warder Clyde Allee Session for Best Student Paper Competition will be held during the annual meeting of the Animal Behavior Society scheduled July 23-27, 2019 at the University of Illinois Chicago. All eligible students and recent graduates are encouraged to participate.

Allee judges will evaluate manuscripts, and based on that evaluation will select a slate of applicants to be invited to present their research during the Allee Session at the annual meeting. Submission of an entry does not guarantee participation in the Allee Session, as it is a competitive process. If an applicant is not invited to participate in the Allee Session they will be guaranteed a regular oral presentations at the annual meeting.

For invited applicants, the oral presentation of research during the Allee Session must focus on the material presented in the submitted paper, but may also include other original research conducted by the applicant as well as general introductory and concluding remarks. Applicants who participate in the session are also expected to attend the Allee welcoming dinner and the Annual Meeting's award ceremony, both of which occur during the annual meeting.

Questions about the Allee Session should be addressed to ABS Second President-Elect, Jennifer Fewell (preselect2@animalbehaviorsociety.org).

Finalist notifications will be available in mid-May.

Genesis Poster Award Competition

First presented at the 2000 ABS Annual Meeting, the Genesis Award honors the best undergraduate poster presentation at the meeting. To encourage quality presentations, the following guidelines and suggestions are available for viewing. Further information, if needed, can be obtained from the chair of the Genesis Sub-committee, Matthew Wund, E-mail: wundm@tcnj.edu.

THE ROLE OF JUDGES

To judge each project:

- Each poster presentation should be judged on its own merits.
- Judges should identify the strengths and weaknesses to determine "the best" student poster presentation.
- To offer encouragement and constructive criticism.
- It is important to give student presenters encouragement and constructive criticism to help them develop their research and presentation skills.
- Written comments for the student can be made on the lower half of your presentation evaluation sheet.

JUDGING CRITERIA

While judging is often a subjective process, these criteria are offered as a common starting point for judges to begin evaluating presentations. Please, evaluate each presentation using the point values for each category. Judges may add items they feel are appropriate within a category.

Significance of the research topic (5 points):

- Is the study an original research question?
- Does the study add to the pool of knowledge of the subject?
- Does the rigor match the ability of the student (high school, college freshman, senior)?

Research methodology (10 points):

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Historian: Zuleyma Tang-Martinez, University of Missouri- St. Louis, E-mail: historian@animalbehaviorsociety.org

- Did the study use the scientific method (observation, hypothesis, test, results, conclusion)?
- Was a good experimental design used?
- Did the student work independently from the supervising faculty or graduate student?
- Did the student bring a new approach to solving the problem?

Research results (10 points)

- Was there sufficient sampling to address the question?
- Were statistics used appropriately?
- Do the conclusions drawn by the student agree with the data?
- Appropriate use of graphs and/or tables illustrating the results?

Poster presentation (15 points):

- Does the poster contain sections necessary for a good presentation? (abstract, methods, results, conclusion, literature cited)
- Is the study question stated clearly and completely?
- Are materials presently in an organized and visually pleasing fashion?
- Appropriate grammar, spelling, and English usage? (Can not exceed 5 points.)
- Is the literature review adequate and is the literature cited complete?
- Does the student demonstrate a mastery of the subject material?
- Did the student improve their understanding of conducting research?
- Does the student use good speaking skills and avoid distracting mannerisms?
- Prospects for future studies discussed or applications of the conclusions discussed?
- Was the presentation self-explanatory to someone with no background on the topic?

Charles H. Turner Travel Award

Beginning in 2002, the Animal Behavior Society created the Charles H. Turner Program for undergraduate participation at the annual Society meetings. This program, previously funded by an NSF grant but now supported entirely by the Animal Behavior Society, is a travel grant that supports the goals of increasing the diversity of our membership. Selected Turner Program Fellows will receive support to travel to the Annual Conference, and participate in a one-day workshop structured to integrate students into both the meeting experience and the broader community of the Animal Behavior Society.

Charles Turner was one of the very first African-American researchers in animal behavior. Among other things, his research focused on insect sensory biology and task learning. By naming the undergraduate program after him, the ABS Diversity Committee emphasizes its goal to increase the diversity of its membership by encouraging researchers of all ages, levels, and ethnic groups to participate in the annual meetings.

Applicants for the Turner award may be at any stage of their undergraduate career (not secondary school) or recently graduated, but may not have finished their undergraduate degree earlier than the end of the fall semester prior to the annual meeting covered by the award. Turner Awardees who have completed research projects of the quality to produce a poster are encouraged to enter the research in the Genesis Award competition, but poster presentation is not required for selection for the Turner Award.

The Turner Program is managed by the Animal Behavior Society Diversity Committee and with generous funding by the The Animal Behavior Society. Please contact us if you would like to make a donation: diversity@animalbehaviorsociety.org

Awardee notifications will be available in mid-May.

Founders' Memorial Poster Paper Award

This award is in honor of the founders of the Animal Behavior Society. It is for outstanding posters presented at the annual meeting.

Eligibility: Any graduate student or postdoctoral member of the society in good standing is eligible to enter the competition. Applicants can indicate their intention to enter the competition by marking the appropriate box on the Meeting Abstract submission form. All Founders presenters will be expected to provide a single page preview of their poster for the judges.

Awardees will be announced during Awards Ceremony at the Behaviour 2019 meeting in Chicago.

Diversity Fund Student Registration Fee Award

Members-at-Large:

Melissa Hughes, College of Charleston, E-mail: mematlarge2@animalbehaviorsociety.org

Christopher Templeton, Pacific University, E-mail: mematlarge3@animalbehaviorsociety.org

Suzy Renn, Reed College, E-mail: mematlarge3@animalbehaviorsociety.org

The Animal Behavior Society is strongly committed to increasing the diversity of attendees at the ABS Annual meeting and within its membership. A limited number of registration fee bursaries are available to aid attendance by students who will increase the participation of racial minorities under-represented in our field. This includes, but is not limited to students of Black, Hispanic/Latino, Asian, American Indian/First Nation, Aboriginal or Maori heritage. If funds are available, the bursaries may be extended to help defray costs of African, Asian, Central American, South American or Mexican researchers who are not students. Preference is given to individuals presenting research results.

General questions should be directed to the Diversity Committee: diversity@animalbehaviorsociety.org

Awardee notifications will be available in mid-May.

Latin American Travel Award

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

Given the eligibility criteria below, priority will be given to Ph.D. students who are attending an ABS meeting for the first time and who have not received a Latin American Travel Award in previous years. Award values vary according to funds available. Candidates are prioritized according to the quality of their abstracts and CVs.

Checks in US dollars for the amount of the award will be mailed directly to recipients following announcement of the results in mid-May. Applicants are responsible for currency exchange and any bank fees.

General questions should be directed to Member-at-Large Chris Templeton: mematlarge2@animalbehaviorsociety.org

Awardee notifications will be available in mid-May.

Caregiver Travel Grant

The Caregiver Travel Grant award is intended to provide financial assistance for active ABS members whose caregiving responsibilities for dependent persons would otherwise limit their ability to attend and present at the annual ABS meeting. Dependents include but are not limited to young children and aging parents. Receiving this award does not preclude ABS members from applying for additional funding from ABS.

Award values vary according to funds available. Candidates are prioritized according to their need, abstract and CVs. Preference will be given to applicants who are presenting their work. **If you are not presenting work at the annual conference, but would like to be considered for this grant, please contact us at: info@animalbehaviorsociety.org**

Awardee notifications will be available in mid-May.

Graduate Student Travel Grant

The Graduate Student Travel Grant award is intended to provide financial support for graduate students to attend and present at the annual Animal Behavior Society meeting by helping to defray the costs of travel, housing and/or meals at the meetings.

Priority will be given to Ph.D. students who are attending an ABS meeting for the first time. Award values vary according to funds available. Candidates are prioritized according to the quality of their abstracts and CVs.

Awardee notifications will be available in mid-May.

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Announcements

2018-2019 ABS OUTREACH GRANT RECIPIENTS

The Animal Behavior Society is excited to offer Outreach Grants to support outstanding community engagement efforts by ABS members. We have a responsibility as scientists to engage with the public, and most members of ABS are involved in creative outreach activities.

With this ABS Outreach Grant, we recognize and support a few exceptional programs each year. Currently, awards are up to \$1000 each. Winners will share their program on the ABS website (<http://www.animalbehaviorsociety.org/web/education-outreachaward.php>) as well as through a poster at the ABS annual conference.

This year's recipients, in alphabetical order, are:

- Maria J Albo: "Kids that tell science": promoting positive attitudes throughout scientific knowledge
- Laura Hancock: Flying Friends Friday and Wildlife Wednesday
- Shailee S. Shah and Stefanie J. Siller: Superb Stories and Games: Engaging Kenyan students in the unique behavior of a local bird
- Heather Zimler-DeLorenzo: Wild side of science

CALL FOR ABS MEETING INVITATIONS

ABS is seeking proposals for future meeting venues. Sites can be a resort or hotel, university campus or a mixture of the two. Contact ABS Past President: Jeffrey Podos: pastpresident@animalbehaviorsociety.org

CALL FOR SYMPOSIA, INVITED SESSIONS & WORKSHOP PROPOSALS 2020 ABS MEETING

To organize a symposium, an invited paper session, or a workshop for the ABS Annual Meeting, you should first contact the Program Officers to discuss your ideas. We ask you to propose your topic to the Program Officers to make sure that there is no conflict with already existing plans and topics. A symposium should be a profound and stimulating review of an important subject area that currently is a major focus of research. It should be a thorough treatment of past work and current research advances. A symposium should be of general interest to most ABS members. Limited funding is available from ABS to assist with travel, registration, and other expenses for symposia. An invited paper session is a special grouping of papers that focus upon empirical results relating to a particular topic. A workshop is a hands-on exchange of ideas in a more informal setting relative to lectures and symposia. Funding is not available from ABS for expenses unrelated to invited paper sessions and workshops.

Symposia, invited paper sessions, or workshop proposals for the 2020 meeting must be submitted through the website: <https://www.research.net/r/TTW9JPL>

Proposals are due on July 9, 2019. The proposals will be circulated to the Executive Committee prior to the Annual Meeting and then discussed at the Executive Committee meeting.

Further information can be found on the ABS website or by contacting the ABS Program Officers: Alison Bell, E-mail: progofficer@animalbehaviorsociety.org or Elizabeth Tibbetts, E-mail: progofficerelect@animalbehaviorsociety.org

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CALL FOR RESOLUTIONS

Resolutions that deal with timely and substantive political or social issues that members wish to submit for the consideration of the ABS membership should be submitted by May 31, 2019 to President John Swaddle, E-mail: president@animalbehaviorsociety.org. Submitted resolutions should provide direction to the ABS President to facilitate prompt action and will be evaluated by the Public Affairs Committee for appropriateness. Resolutions will be voted on at the annual business meeting in Chicago. Approved resolutions reflect the views of the Animal Behavior Society membership and are sent to the appropriate external agencies, organizations, or to the general public.

Send resolution proposals to the Chair of the Public Affairs Committee Danielle J. Whittaker, Michigan State University, Lansing, Michigan, US. E mail: publicaffairs@animalbehaviorsociety.org

ABS SOCIAL MEDIA

We are increasing our efforts to be more active on Twitter (@AnimBehSociety) and other social media outlets. As a society, we need to do this not only to increase the exposure of the work of our society members (you!), but also to take an active role in informing the public, policy-makers, and others about the importance of animal behavior research and what we do as scientists. To that end, we do need your help!

- If you are active on Twitter, please mention @AnimBehSociety in tweets about your publications, outreach efforts, teaching, and other accomplishments. We will be happy to retweet them to increase the visibility of your work.
- If you are not active on Twitter, please send an email to socialmedia@animalbehaviorsociety.org to let us know of your recent publications/accomplishments - we will get the word out for you!

A few other notes related to our shared efforts:

- Please do not tweet, send us, or mention @AnimBehSociety in any material that contains personal, politically-charged, or other sensitive items or opinions. We hope to keep our society's social media presence professional.
- When sending us information about publications/accomplishments please give us a brief (~150 character) description of the work. Make sure this is accessible - avoid jargon and other things that might prevent a broad audience from understanding. Along these lines, consider sending us pictures of your research (field, lab, etc. without materials that may hurt sensitivities) along with the aforementioned brief description. We want to share with the world the enthusiasm of doing animal behavior research!

Thank you in advance for your help in making our society better!

JOIN THE ABS SOCIAL MEDIA TEAM

We are looking to grow the Animal Behavior Society social media presence. To that end, we are putting together a social media team, and we are looking for volunteers interested in helping curate our Twitter account (@AnimBehSociety). The idea is to have a team such that each person curates the account only once a week. If you are interested (or have any questions), please, email Esteban Fernandez-Juricic (efernan@purdue.edu).

SUPPORT THE ANIMAL BEHAVIOR SOCIETY

Support Link: <http://www.animalbehaviorsociety.org/web/support.php>

Contributions to the Animal Behavior Society are US tax-exempt under code 501(c)(3). DONATIONS make a big difference in our Society. YOU CAN HELP! The Animal Behavior Society is a non-profit organization dedicated to promoting the scientific study of animal behavior. We pride ourselves on being a top quality professional society with very low membership costs. Our Society supports and encourages animal behavior research and outreach through a number of programs and grants. With contributions from you, we can keep these programs in place and help to support animal behavior research, teaching, and outreach. Membership dues include a member's subscription to our journal Animal Behaviour, the monthly Newsletter, and all of the operating expenses of the Society. In order to provide grants and other forms of financial support, we rely on contributions from members like you. Our members, especially our students, need your help. Please access our website to make contributions.

Thanks to a lot of hard work by SPLTrak, ABS is now set up to accept tax-deductible donations of stocks and bonds. Please consider optimizing your tax obligations and helping support ABS. Our student research grants are our biggest line item, and with the demise of the DDIG program they are more valuable than ever!

JOIN AN ABS COMMITTEE

Members-at-Large:

Melissa Hughes, College of Charleston, E-mail: mematlarge2@animalbehaviorsociety.org

Christopher Templeton, Pacific University, E-mail: mematlarge3@animalbehaviorsociety.org

Suzy Renn, Reed College, E-mail: mematlarge3@animalbehaviorsociety.org

If you would you like to volunteer for one of the society's 2019 active committees listed below, contact the ABS President, E-mail: president@animalbehaviorsociety.org

Animal Care Committee: Alexander Ophir, Department of Psychology, Cornell University, Ithaca, New York, US. E-mail: animalcare@animalbehaviorsociety.org

Conservation Committee: Barbara A. Clucas, Department of Wildlife, Humboldt State University, Arcata, California, US. E-mail: conservation@animalbehaviorsociety.org

Nominations Committee: Jeff Podos, Department of Biology, University of Massachusetts-Amherst, Amherst, Massachusetts, US. E-mail: nominations@animalbehaviorsociety.org

Education Committee: Heather Zimler-DeLorenzo, Division of Biology, Alfred University, Alfred, New York, US. E-mail: education@animalbehaviorsociety.org

Film Committee: Barbara A. Clucas, Department of Wildlife, Humboldt State University, Arcata, California, US. E-mail: film@animalbehaviorsociety.org

Applied Animal Behavior Committee: Robin L. Foster, Department of Psychology, University of Puget Sound, Tacoma, Washington, US. E-mail: appliedanimalbehavior@animalbehaviorsociety.org

Public Affairs Committee: Danielle J. Whittaker, Michigan State University, Lansing, Michigan, US. E-mail: publicaffairs@animalbehaviorsociety.org

Board of Professional Certification Subcommittee: Sue Miller McDonnell, PhD, CAAB, University of Pennsylvania School of Veterinary Medicine Kennett Square, Pennsylvania US. E-Mail: caab@animalbehaviorsociety.org

Latin American Affairs Committee: Lilian Tonelli Manica, Departamento de Zoologia, Universidade Federal do Paraná, Curitiba, Parana, Brazil. E-mail: latinamericanaffairs@animalbehaviorsociety.org

Student Research Grants Committee: Melissa Hughes, Department of Biological Science, Florida State University, Tallahassee, Florida, US. E-mail: studentresearchgrants@animalbehaviorsociety.org

Advancement and Investment Committee: Dan Rubenstein, Department of Ecology and Evolutionary Biology, Princeton University, Princeton NJ, US. E-mail: advanceandinvest@animalbehaviorsociety.org

MEETINGS

ANIMAL BEHAVIOR SOCIETY

July 23-27, 2019. A joint meeting of the 56th Annual Conference of the Animal Behavior Society and the 36th International Ethological Conference. University of Illinois at Chicago. Website: <http://www.animalbehaviorsociety.org/2019>

OTHER MEETINGS

November 8th-9th, 2019- Save the Date! The Fifth Northeastern Evolutionary Primatologists Meeting will be held November 8th-9th at the University of Massachusetts, Amherst. NEEP welcomes participants from a wide range of disciplines within evolutionary primatology such as morphology, genetics, genomics, physiology, and behavioral ecology. We welcome research on any and all primates, including humans. Keynote speaker: Dr. Ashley Hammond, American Museum of Natural History. For more information, including registration, abstract submission, and accommodations, please see the NEEP website: <http://www.neevolprimatol.org/>

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In Memoriam

Dorothy L. Cheney, PhD: August 24, 1950 – November 9, 2018

Written by William A. Searcy and Ken Yasukawa

We are greatly saddened to report the death of Dorothy Cheney, who passed away on November 9, 2018 after a lengthy struggle with breast cancer. She was 68. Dorothy had a strong connection to the Animal Behavior Society, attending many annual meetings, publishing more than thirty papers in the society's journal, *Animal Behaviour*, and serving a term (2011-2013) as an Editor. She was made an ABS Fellow in 1997 and in 2016 was named an ABS Distinguished Animal Behaviorist, the society's highest award. Among many other honors, Dorothy was elected to the U.S. National Academy of Sciences in 2015.

Dorothy was born in Boston, Massachusetts on August 24, 1950. Her father was in the U.S. Foreign Service, and as a consequence Dorothy's childhood was spent partly in Washington, D. C. and partly in various foreign postings, including the Netherlands, Nicaragua, Malaysia and India. For college, Dorothy attended Wellesley, from which she graduated in 1972 with a BA in political science. The political science degree was intended to prepare her for studying law, but before entering law school Dorothy decided to spend some time in South Africa with Robert Seyfarth, whom she had recently married. Robert was starting graduate work at Cambridge University under the direction of Robert Hinde, and was going to South Africa to study the behavior of baboons. Once in the field watching free-living primates, Dorothy was hooked, and she convinced Hinde to take her on as a PhD student despite her lack of an undergraduate degree in biology. She received her PhD from Cambridge in 1977.

Dorothy's first scientific paper, published in 1977 in *Nature* and concerning inter-group encounters in baboons, characteristically was co-authored by Robert; from then on, they almost always worked and published together. The two denied that credit for particular ideas or experiments could be apportioned out to one or the other of them; instead all aspects of their work were truly performed jointly. As Robert put it to the New York Times: "Our scientific contributions are hard to separate... One of us had an idea, the other critiqued it, and back and forth it went until it finally took shape and neither of us remembered or cared who took credit for what."

In 1976 Dorothy and Robert moved as postdocs to Peter Marler's laboratory at the Rockefeller University Field Research Center, where with Marler they developed the idea of testing the semantic content of vervet monkey alarm calls. Earlier work by Tom Struhsaker had suggested that vervets give different alarm calls for different predators, and that listening vervets respond appropriately with behavior that makes them safer from the specific predators indicated by a call. In a long stint in the field in Kenya, Dorothy and Robert confirmed that vervets give specific alarms in response to specific predators (eagles, snakes, and leopards), and used playback to demonstrate that the monkeys make appropriate responses to the calls in the absence of the predators themselves. These results were the first good evidence that the natural signals of non-human primates could be referential, in the sense of referring to things or events external to the signaler. The results were published in 1980 in a short paper in *Science* and in a much fuller account in *Animal Behaviour*; in 2013 the latter was named one of the 12 most influential papers published in *Animal Behaviour* during its first 60 years.

Dorothy and Robert continued with fieldwork on vervet monkeys in Kenya until 1988, making further



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contributions to topics such as the ontogeny of alarm call usage, individual recognition of vocalizations, and reciprocity in grooming interactions. The vervet project culminated in the publication of their highly original and influential book, *How Monkeys See the World*, which won the inaugural Howells Book Award from the American Anthropological Association. During these years the couple moved first to UCLA where Dorothy was an Assistant Professor of Anthropology and then to the University of Pennsylvania where she spent the rest of her academic career, starting as an Assistant Professor in the Department of Anthropology and ending as a full Professor in the Department of Biology.

In 1992, Dorothy and Robert began a second, long-term field project, this one on baboons in the Okavango Delta of Botswana. One contribution of this project was to demonstrate the extent to which baboons were aware of the social relationships of other individuals, classifying others by both dominance rank and family membership. A second was to provide strong support for the importance of long-term associations with non-relatives, or friendships, to individual fitness. Through both the baboon and vervet work, Dorothy and Robert became leading proponents of the social intelligence hypothesis, which maintains that the complexities of social life have been an important source of selection leading to the expansion of cognitive abilities. Their work also had an important effect on methodology in animal behavior, through their use of ingenious playback designs to test hypotheses concerning animal communication and other aspects of social behavior. In 2007, they summarized the baboon work in another well received book, *Baboon Metaphysics*.

Dorothy had a profound effect on a host of other animal behaviorists through personal interactions as well as through her published work. She mentored many graduate students and post-docs who went on to distinguished careers in animal behavior, including, for example, Jacinta Beehner, Thore Bergman, Catherine Crockford, Anne Engh, Julia Fischer, Dawn Kitchen, Marta Manser, Noah Snyder-Mackler, and Klaus Züberbuhler. She also profoundly affected her many other colleagues in science, including ourselves. All who knew her were impressed by her combination of intellectual brilliance, great personal charm, and modesty. She is sorely missed.

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Suzy Renn, Reed College, E-mail: mematlarge3@animalbehaviorsociety.org

ABS Newsletter

Send general correspondence concerning the Society to Danielle J. Whittaker, Public Affairs Officer, at: publicaffairs@animalbehaviorsociety.org. Deadlines for materials to be included in the Newsletter are the 15th of the month preceding each issue. The next deadline is **May 15, 2019**. 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.

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