Congratulations to the 2018 ABS Newly Elected Fellows

Lawrence M. Dill, PhD, FRSC
Professor Emeritus, Dept. of Biological Sciences, Simon Fraser University

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. Dill's research: Larry has published several papers that have dramatically changed our discipline. Lima and Dill, 1990. Behavioral decisions made under the risk of predation - a review and prospectus. Canadian Journal of Zoology 68: 619-640. This is a must read for anyone who studies predator-prey interactions. The paper carefully dissects the predation sequence from encounter through detection, attack and capture and provides a framework for how animals use behaviour to avoid being consumed at each point in the sequence. The paper summarized everything we knew about things such as how prey altered when they are active, where they lived and what they ate when exposed to risk, but also forced us to start working on filling basic gaps like how risk influences reproduction in animals. With more than 4600 citations this is one of the most cited papers ever published in our discipline.

Esteban Fernandez-Juricic, PhD
Department of Biological Sciences Showalter Faculty Scholar, Purdue University

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. Fernandez-Juricic's research: I think Esteban’s work is remarkably interdisciplinary and integrative. He studies pretty much all levels of Tinbergenian analysis and because all of his mechanistic work is ultimately framed in an adaptive/functional context (he is one of the few people who pulls this off seamlessly), he is a leader in the field of the study of the evolution of mechanisms underlying both foraging and antipredator behavior. Moreover, because he thinks about the application of this mechanistic knowledge for wildlife conservation and management, I view him as one of only a handful of people effectively integrating cutting-edge insights from visual sensory ecology to wildlife management. Indeed, his fundamental understanding of how birds see and detect both color and movement could genuinely help reduce airstrikes that are responsible for both massive property loss as well as the loss of life. It is not engaging in hyperbole to say that Esteban’s research in avian visual ecology could be life-saving.

Ann V. Hedrick, PhD
Adjunct Professor, University of California, Davis

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. Hedrick’s research: it’s hard to remember that at one point conventional wisdom was that behavior doesn’t have a heritable component; Ann’s 1988 paper was one of the first and most important to put a nail in that coffin. As Beth Jacob put it, “Ann Hedrick started to have an impact on the discipline of animal behavior as a graduate student. She accomplished what Stephen Stearns advised in "Some Modest Advice for Graduate Students": "Go right to the foundations and test the implicit but unexamined assumptions of an important body of work." At that time, in the 1980s, there was discussion in the literature about whether traits under intensive sexual selection would have low variation or whether variation could be maintained in some way. She clearly and logically laid out the problem: "the hypothesis that
preferred male traits are heritable has remained virtually untested for natural populations... An unambiguous test of this hypothesis should include both (1) a precise identification within a population of a male trait used by females to discriminate among potential mates; and (2) a measurement of the heritability of this trait, made in the same population.” Ann then went on to nicely demonstrate that cricket song varies in the population, that some males’ song is more attractive than others, and that the song is heritable, using quantitative genetics techniques. This paper was published in The American Naturalist. Those early papers were a harbinger of a career’s worth of equally elegant and well-crafted publications, primarily on sexual selection but also expanding to other areas, such as personality. Ann was one of the first to show that male acoustic mate attraction displays are heavily influenced by predators and likely as a result, males compensate for this by being extra vigilant. This finding set the stage for Ann’s more recent work on animal personalities in insects, where she has been one of the true leaders in the field of personality research.

David B. McDonald, PhD

Professor, Zoology, Department of Zoology and Physiology, University of Wyoming

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. McDonald’s research: Dr. McDonald is an “early-adopter” whose work produces insights that are years to decades ahead of the curve. For example, his analysis of relatedness among interacting birds in a wild population (McDonald & Potts 1994) was important both because it soundly rejected kin selection as an explanation for cooperative display behavior in Chiroxiphia manakins, and because it was an early example of an analytical approach that is now considered a meat-and-potatoes requirement for studies investigating social interactions. Likewise, Dr. McDonald was one of the first to use of network analysis in the in-depth analysis of social behavior in wild animals. He took analytical tools that had been developed and long-established in the social sciences and applied them to analyze the lifetime effects of early-life network relationships among manakins. He found that early connectivity correlated with later increases in social status (McDonald 2007). More recently, he played a key role in a comprehensive review of the use of social networks in the analysis of animal relationships (Pinter-Wollman et al. 2014), providing a timely and useful assessment of the current state of social network research in animal behavior. His most recent publication further demonstrates his ability to combine disciplines, as he applied approaches from population genetics to the analysis of social networks (McDonald & Hobson 2018).

Gail L. Patricelli, PhD

Professor, Dept. of Evolution and Ecology, University of California, Davis

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. Patricelli’s research: Her classic work used female bower bird robots (that can signal to a courting male the female’s level of interest) to quantify individual differences among males in their courtship responsiveness (Patricelli et al. 2002 Nature, 2006 Animal Behaviour). Remarkably, she showed that variation in the ability of males to adaptively modulate their courtship intensity in response to moment-to-moment variation in the robot female’s behavior played a major role in explaining variation in overall mating success. This study continues to be THE standout study on the critical role that behavioral responsiveness (what has been termed ‘social skill’ or ‘social competence’) plays in sexual selection. In a system where the characteristics of the physical bower or of the male’s complex song are clearly important, Gail’s seminal experiments with robots showed that individual differences in male responsiveness in the dynamic male-female courtship interplay also play a large role in sexual selection. This work is one of the most celebrated, relatively recent studies in animal behavior both in our professional circles, and in public media. It was featured in National Geographic, Science News, PBS, ABC, Discover magazine, and numerous newspaper articles etc.

David W. Stephens, PhD

Professor & Head, Department of Ecology, Evolution and Behavior, University of Minnesota

Here is a short selection of excerpts received by the ABS Executive Committee about Dr. Stephen’s research: Dave’s body of work is inspiring for the elegance both of theory development and of experimental design in testing theory. I am continually struck by how uniquely insightful Dave and colleagues are on topics that I thought I knew quite a lot about, such as learning or multimodal signaling. Problems are stripped down to their essential elements and interesting results produced. Dave’s model on learning and
environmental change published in 1991 is a good example. The model (paper cited in the appended list of representative publications) yielded the inference that learning would evolve only if the environment was unpredictable but not too unpredictable. The model set conditions on what is 'too unpredictable.' As Dave put it, today must tell you something about tomorrow for learning to be of benefit. A recent example of clarity in theory and test is reflected in the recent work by Dunlap and Stephens (PRSB, 2009) on the role of fixity of action and reliability of reward in the evolution of learned and unlearned preference. These two factors had not previously been put forward together as crucial elements to consider in the study of learned preference, despite a huge literature in ethology, psychology and behavioral ecology on learned preference. The study, which included both model and tests using Drosophila, became the cornerstone of an ongoing funded project that has resulted in multiple publications, including one in PNAS in 2014 (citation in appended list). My remarks here are made as a student of animal learning. However, students of optimality theory, game theory and animal communication would undoubtedly make similar remarks about papers in those areas.

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Animal Behaviour

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Change of address, missing or defective issues: ABS Central Office, 2111 Chestnut Ave., Ste 145, Glenview, IL 60025, USA. Phone: 312-893-6585, Fax: 312-696-5614, E-mail: info@animalbehaviorsociety.org.

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2018 PENNY BERNSTEIN DISTINGUISHED TEACHING AWARD

The Penny Bernstein Distinguished Teaching Award is one of the annual ABS career awards that recognize contributions to the field of animal behavior. Since the first recipient, Jane Brockman (1995), distinguished recipients have included, among others, Gail Michener (2000), John Alcock (2007), and Bill Eberhard (2009). This award specifically recognizes a sustained record of excellent teaching and innovation in the classroom or informal education setting (e.g., zoos, aquaria, museums, 4-H programs, research labs, field stations, environmental centers). Awardees are nominated by their peers and students.

As always, there were many highly qualified nominees in 2017. Among them, Susan Riechert stood out and was selected by the education committee. Susan is the University of Tennessee Knoxville, Distinguished Service Professor. To most of us, Susan is known for her work on game theory but she is a dedicated teacher and has been recognized with both the UTK Hesler Award for Excellence in Teaching and Service, and the Tennessee Science Teachers Association, 2010 Science Educator of the Year award. Susan is also director of both the “Biology in a Box”, Science Outreach Program, and the “VolsTeach” Dual Career Path Program. Biology in a Box offers science outreach to students in more than 100 school systems throughout Tennessee. Vols Teach is a program to get STEM majors to earn a minor in education and an opportunity to explore teaching as a career.

For all of this work, we are delighted to recognize Susan Riechert as the newest recipient of the Penny Bernstein Distinguished Teaching Award.
Dear ABS Members and Friends,

We are pleased to invite you to Milwaukee, Wisconsin in August 2018 for the 55th annual meeting of the Animal Behavior Society. We look forward to hosting you on our campus at the University of Wisconsin-Milwaukee (UWM), which is located near the shores of Lake Michigan. Milwaukee is an ideal location with easy access from across the country. The Milwaukee airport has been rated one of the ten best in the US and offers nonstop, affordable flights to 35 of the largest cities in the US. We are also 90 min north of the Chicago airport, which has direct buses to Milwaukee. Milwaukee is often called Brew City for its long history of beer making, or the City of Festivals, as it hosts non-stop festivals during the summer, including Summerfest, the worlds largest music festival. We also have a spectacular art museum with moveable “wings” and a world-class zoo that will be the site of the banquet on the last night.

UW-Milwaukee is located a few miles north of downtown in a residential area next to Lake Michigan and several greenbelt parks. The campus has many rooms available at low prices in suite-style dorm accommodations. There are also three hotels within a 10 min drive (affordable parking is available on campus), although none are within walking distance. The “east side” around campus hosts a wide variety of dining and drinking options, including microbreweries and scenic Biergartens. For more variety, there are over 100 restaurants a short bus or car ride away in downtown.

We have some outstanding plenary speakers and symposia planned at this year’s conference. Plenary speakers will include Damian Elias (UC-Berkeley, "Advances in Communication") and Katie Slocombe (York University, England, "Communication in primates"). Conference symposia include "Sexual Dialogues" and "Research questions that we should be asking". The ABS president’s plenary will be given by Jeff Podos (University of Massachusetts-Amherst).

Other highlights include the annual graduate student Allee Award session, the Charles H. Turner Workshop for undergraduates (by invitation), a pre-conference Public Day, and workshops on teaching, genomics and conservation before the 5-day meeting.

The 2018 ABS conference 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, and recommended pre- or post-conference sights-to-see. Registration will be opening in the Spring; be sure to register early to take advantage of
the great early rates.

We look forward to seeing you in Milwaukee in August 2018!

2018 Local Organizing Committee (pictured below from left to right):
Gerlinde Hoebel, Rafael L. Rodriguez Sevilla, Peter Dun and Linda Whittingham University of Wisconsin Milwaukee.

Registration

Registration Rates (after June 15th)

<table>
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<tr>
<th>Category</th>
<th>Fee</th>
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<tr>
<td>ABS Members</td>
<td>$400</td>
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<td>ABS Student Members</td>
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<td>ABS Developing Nation Students*</td>
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<tr>
<td>Non-members</td>
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Additional Event Fees

- The Closing Banquet will be held Monday, August 6. Tickets are $50 for students and $75 for non-students.
- ABS 2018 Conference T-shirt - $15 (pre-order) $25 (onsite). Please note that on-site sales are limited.
- ABS Film Festival, Saturday, August 4 | 8:00-10:00 pm | no charge, but please RSVP.
- Conservation Behavior Workshop- Friday, August 3 | 3:30 pm- 6:00pm.
- The Teaching Workshop: Animal Behavior Teaching Collection, Thursday, August 2 | 8:00am-12:00pm | Please RSVP in the registration form.
- Conference meal plan- $67
- Daily University Parking pass- $8/daily.

*ABS Emeritus members who can afford to pay full fees are kindly asked to pay the ABS Members fee. This category should be reserved for only those Emeritus members who would be otherwise unable to join us at the meeting.

*Developing country attendees are those currently enrolled or working at an institution in the developing world. This does NOT include persons currently working or enrolled in institutions in the USA, Canada or other developed countries, regardless of country of origin.

Travel Information

General Mitchell International Airport
5300 S Howell Ave.
Milwaukee, WI 53207

General Mitchell International Airport is about 14 miles away from the University (~20 minutes drive/taxi-ride).

How to get to the UWM Campus

Note registration is in the Student Union at the corner of Maryland Avenue and Kenwood Boulevard (2200 East Kenwood Boulevard). The Residence Halls are about a 3 min walk north of the Union at 3400 Maryland Ave. Look for the tall buildings north of the Union. The Riverview Residence Hall is at 2340 North Commerce Street, about 2 miles southwest of campus and on the west side of the Milwaukee River off North Avenue.

Taxi: about $ 30-40 one-way from the airport. It is about a 20 minute drive along the lakeshore from the airport to campus.

GoRiteway Shuttle Van: about $24 each way for a shared van. They will stop at both the Sandburg and Riverview Residence Halls, as well as any of the local hotels. You can book this online in advance or at the airport.

Uber and Lyft: about $27 for a one-way trip from the airport to Sandburg Residence Hall.

Bus: about $2.25 (cash) one-way. A one-day pass for the County bus system is $4, and a 7 day pass is $19.50. The app will
let you purchase 90 min ($2) and 24 hr ($5) fares. If you take the bus, we suggest that you get a prepaid M-Card from the kiosk next to baggage claim #1 or download the app on your phone to pay your bus fare.

There are two options for bus routes.

First, there is the Green Line, without any transfers, but it involves more walking. The Green line bus run about every 15-20 minutes and takes about one hour to get to UWM. Note that the closest stop to UWM on the green line is the corner of E. Hartford and Oakland Ave (stop # 1341). You will need to walk about 0.4 miles, (8 min) first east on Hartford Ave. and then north on Maryland Ave to get to the Sandburg Residence Halls.

To reduce the amount of walking, your second option is to take the Green line bus to stop #736, just south of the intersection of Water and Wisconsin Streets (in the center of downtown). Walk north about half a block and turn right onto Wisconsin street to pick up the #30/30X bus at stop #632 (the bus will have UWM on its sign). Note that you cannot get a free transfer unless you have a plastic M-Card, which you can get at the airport (or use the app). This bus will take about 10-20 longer but it stops directly in front of both the Student Union and the Sandburg Residence Halls.

Accommodations

Campus Dorm Reservations and Meal Plan link here.

SANDBURG- NORTH, SOUTH & WEST TOWERS
$32 guest/night

Units in the North, South and West Towers each have a private bedroom in a shared suite. The suites would be shared between 2 or 3 people. Please note, these traditional towers are not air conditioned. View the Sandburg Floor Plans PDF describing the rooms.

SANDBURG- EAST TOWER
3400 N Maryland Ave, Milwaukee, WI 53201

$48 per guest/night

The East Tower will offer air conditioned rooms, that are 4 bedroom units with a shared bath and kitchen. Each resident’s room key also opens the door into the appropriate suite hallway. View the Sandburg Floor Plans PDF describing the rooms.

RIVER VIEW

$58 per night

RiverView Residence Hall will offer air conditioned suites with two single bedrooms, and a shared bathroom. RiverView is located at the intersection of Commerce Street and North Avenue –about 2 miles away from campus (40 minute walk). A pre-scheduled shuttle service (2- AM trips, and 2- PM trips) will be provided for those staying at River View at no additional cost. Within walking distance you’ll find two grocery stores, multiple restaurants and coffee shops, and independent movie theater, and locally owned stores and boutiques.

AMENITIES:

- Breakfast included at Sandburg Cafe (Meal Plan is also available in the Sandburg Cafe)
- Air Conditioning (East Tower & River View only)
- Kitchen (East Tower only)
- Cable Television
- Wired Internet Connections
- Closet Organizing Kits
- Bathroom

Off-Campus Accommodations

A special conference rate is available at the hotels listed below. There will be no shuttle bus services to/from these hotels to the University. You will be responsible for your own transportation to/from the UWM campus throughout the conference. There are limited number of rooms, so please book in advance.

HOLIDAY INN MILWAUKEE RIVERFRONT
4700 N. Port Washington Rd
Milwaukee, WI 53212
414-962-6040

$139 per night
(rate available through July 3, 2018)

AMENITIES:

- Pool

ALOFT HOTEL
1230 N Old World 3rd St.
Milwaukee, WI 53212
414-226-0122

$149 per night
(rate available through June 15, 2018)

AMENITIES:
Important Note: There are no hotels or motels within walking distance of the University. You will have to contact each option individually for rates, reservations and transportation services that they might offer guests.

Parking
Please note, those with a vehicle will need a daily parking pass ($8 per day/with Saturday @$3/Sunday @$2) to park at the designated ABS lot at the University’s Union Structure. Passes will be available for purchase through the University.

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ABS Meeting Plenary Sessions and Symposia

Keynote & Plenaries

Damian Elias
University of California, Berkeley

Complex communication in spiders: How we discovered that we don't know anything

Gordon Burghardt
University of Tennessee, Knoxville

Are we smart enough to know how smart the early animal behaviorists are?

Katie Slocombe
University of York

Chimpanzee Communication: Have We Underestimated Vocalisations?

George W. Uetz
University of Cincinnati

ABS Fellows Talk: Multimodal communication in wolf spiders: content, context and consequences

Jeff Podos, ABS President
University of Massachusetts, Amherst

Galapagos Finches in a Web of Adaptation
Symposia

**Sexual Dialogues**
Organizers: Peter Dunn, Gerlinde Hoebel, Rafael L. Rodriguez Sevilla, and Linda Whittingham

Recent discoveries indicate that communication involving a back-and-forth of influence between the sexes is common in nature - beyond previously recognized levels in cases of sex-role reversal. Not only do males produce advertisement signals and court females, but females often court males before and even during mating. Sexual coevolution may therefore involve signal and preference traits in both sexes. This symposia will explore the potential for this two-fold mode of coevolution to influence the amount of assortative mating, the speed of divergence, and the strength of sexual selection on communications systems, as well as compare the sources of selection on the mate choice criteria of the sexes, and their influence on sexual selection.

**Speakers:**
- Michelle Hall, University of Melbourne. [https://michellelhall.wordpress.com](https://michellelhall.wordpress.com)
- Anka Kuhelj, Institute of Biology, Slovenia. [https://scholar.google.com/citations?user=Xj3alqoAAAAJ&hl=en](https://scholar.google.com/citations?user=Xj3alqoAAAAJ&hl=en)

**What Are We Not Asking About The Evolution of Behavior That We Should Be Asking**
Organizers: Peter Dunn, Gerlinde Hoebel, Rafael L. Rodriguez Sevilla, and Linda Whittingham

Presenters will outline their view of an important topic on the evolution and/or ecology of behavior that is being neglected by current research. Do you think a topic is being neglected because it is deemed too risky by the traditional 3-year grant system? Or because we have not yet grasped its importance? This is a chance to bring attention to it.

Each presentation will last 20 min, with another 10 min for questions from the audience. The last session will be a 20-min round table discussion among the presenters, with 10 min for questions from the audience.

Following the symposium, we will conduct a crowd-funding exercise, with audience members voting with dollars for the most interesting idea. The top two ideas will share the funds gathered.

**Speakers:**
- Kate Gentry, Purdue University. *Communication Is Fundamental To Arguments About The Evolution Of Social Cognition*
- Susan Foster, Clark University. *Atavism As A Source of “Novelty” In The Evolution of Behavior*
- Andrew Sih, University of California, Davis. *On The Importance of Acknowledging and Studying Individual Differences In ‘Skill’ Or ‘Intelligence’?*
- Trevor Price, University of Chicago. *Understanding Color Perception In Order To Understand Color Differences Between Species*
- Elizabeth Hobson, Santa Fe Institute. *What Are We Missing In Current Measures Of Animal Social Complexity?*

**Animal Behavior in Historical Context: Novel Insights From Interdisciplinary Encounters**
Organizer: Zuleyma Tang-Martinez

The purpose of this symposium is to provide a forum for interdisciplinary dialogue among those who practice the science of animal behavior and produce the scientific knowledge (practitioners of animal behavior) and those who study the process of scientific discovery and the origin and evolution of concepts and ideas in science (historians,
philosophers, and sociologists of science, with a particular interest in animal behavior and related concepts). The social sciences and humanities have produced a fascinating literature exploring various aspects of our field, including its epistemology and controversies. Thus, these two groups and traditions share a strong common interest (animal behavior), but rarely communicate directly at professional meetings to understand and learn from one another.

The symposium includes presentations both by historians of science and by animal behaviorists (non-historian scientists) who have a strong interest in historical and philosophical perspectives and have developed their own historical, philosophical, or socio-cultural interpretations of their specialties within animal behavior. A recurring theme for both groups is the origins of ideas and how they change over time - including the process of generating questions, producing scientific information, deciding what counts a facts, and interpreting data.

The speakers, who are internationally diverse, come from a range of disciplines (biologist, psychologists, historians, philosophers, and those interested in sociological aspects of science). Some topics are more specialized than others, but the historical, philosophical, and social perspectives undergirding the presentations should appeal to a wide cross section of animal behaviorists. The hope is that by the end of the symposium, new lines of communication will have been established and scholarship in both groups will be enhanced as a result of gaining novel insights, and better understanding the perspectives of the different disciplines.

Speakers:
Colin Beer, Rutgers University. Questions of Instinct
Theodora J. Kalikow, University of Maine, Farmington. Konrad Lorenz on Human Degeneration and Social Decline: A Chronic Preoccupation
J. Jordan Price, St. Mary's College of Maryland. Tinbergen's Neglected Fourth Question On The Phylogeny of Behavior
Klaus Jaffé, Universidad Simon Bolivar, et al. Ethology and Animal Behavior in Latin America
Janice Moore, Colorado State University. A Brief History of Parasites, Behavior, and Fickle Fashion
Michael Trestman, University of California, Davis. Our Evolving Understanding of Animal Minds - from Darwin to the Present
Mark Borrello, University of Minnesota. Group Selection and Animal Behavior: Examining the Role of Theory in Discipline Formation
Lynn K. Nyhart, University of Wisconsin, Madison. Governing the Hive: Biological Individuality and Animal States in the Nineteenth Century
Erika Milam, Princeton University. Colloquial Science at the Intersection of Pop-Ethology and Professional Research: A History
Ambika Kamath & Jonathan Losos, Harvard University. How Do We Know The Things We Think We Know? Paradigms, Imperfect Science, and Lizard Mating Systems
Thierry Hoquet, Université Paris Nanterre. Bateman 1948: Rise and Fall of a Foundational Paper?
Zuleyma Tang-Martínez, University of Missouri, St. Louis. The Impact of Women on the History of Animal Behavior and in the ABS

How Enemies Shape Communication Systems
Organizers: Ximena Bernal and Rachel Page

Eavesdropping predators impose strong selective pressure on prey communication systems. Signalers have evolved numerous anti-predator strategies to mitigate the tradeoff between predator detection and conspecific communication. Knowledge of anti-predatory strategies in the context of communication is needed to recognize patterns of strategies to solve this trade-off and ultimately understand the evolution of communication systems. Antagonistic selection from predators on their prey’s communication system can modulate signaling strategies, shape signal structure and affect population dynamics. Drawing on diverse research from a range of taxa and sensory modalities, our symposium combines the expertise of established researchers with new perspectives in the field. We cover a range of research, drawing on both traditional and cutting-edge experimental approaches, as well as conceptual studies that synthesize research to date and shed light on the future directions of the field. Ultimately the aim of this symposium is to develop a framework that integrates the strategies used by signalers to communicate under the pressure imposed by eavesdropping predators and parasites.

Speakers:
Ximena Bernal, Rachel Page. How enemies shape communication systems
Ryo Nakano. Trade-offs between loudness and duration of ultrasonic courtship songs in moths
Eben Goodale, Graeme Ruxton, Guy Beauchamp. Can predator eavesdropping affect communication signals in mixed-species groups?
M. Virant-Doberlet, A. Kuhelj, J. Polajnar, R. Sturm. Is vibrational signaling a private communication channel?
Rüdiger Krahe, Philip K. Stoddard. Cryptis and diversification in the evolution of electric signaling in weakly electric fishes
Laurel Symes, Sharon Martinson, Lars Höger, Rachel Page, Hannah ter Hofstede.  
**Effects of predator cues on prey signaling behavior: bat echolocation and katydid calls in the Neotropical forest canopy**

William Wagner, Oliver Beckers.  
**Evolution of riskier male signals and female preferences in response to eavesdropping parasitoids**

Justa Heinen-Kay, Marlene Zuk.  
**Why does signal exploitation only rarely lead to trait loss?**

Molly Cummings.  
**Ultraviolet and light polarization as private channels in swordtails**

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**Presidential Symposium: Animal Communication, Cognition, and the Evolution of Language**

Organizer: William A. Searcy

Some behaviors found in animal communication are cognitively demanding, and these may be particularly revealing of the conditions and selective pressures that led to the evolution of language. This symposium will examine cognitively demanding communicative behaviors in three groups of animals: honeybees, birds, and non-human primates. Aspects of communication behavior that will be discussed include vocal production learning, semantic communication, pragmatics, and compositional syntax. These behaviors are illustrative of features of human language that are also found to some degree in non-human animals.

**Speakers:**

- William Searcy, University of Miami.  
  **Birdsong learning, avian cognition, and the evolution of language**

- Robert Seyfarth, University of Pennsylvania.  
  **Functional parallels in language and animal communication**

- Toshitaka Suzuki, The Graduate University for Advanced Studies.  
  **Exploring compositionality and grammatical rules in avian vocal sequences**

- Klaus Zuberbühler, University of St. Andrews.  
  **Some discontinuities in language evolution**

- Thore Bergman, University of Michigan.  
  **Gelada vocalizations and the origins of language**

- Asif Ghazanfar, Princeton University.  
  **The developmental neuromechanics of vocal behavior**

- Christoph Grüter, University of Mainz, Germany.  
  **Using Birds to Provide Insights in the Evolution of Language**

- Carel ten Cate, Leiden University.  
  **Gelada vocalizations and the origins of language**

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**Allee Symposium for Best Student Paper**

Organizer: Jennifer Fewell

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 2018 ABS Allee Session, students will present their research to ABS members and talk judges.

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ABS Meeting Highlights & Events

ABS 2018 Preliminary Program

The ABS 2018 program is now available! Click the link below for details on Symposia and Plenary talks as well as poster sessions and special events.


Please contact Jonathan Pruitt (programofficer@animalbehaviorsociety.org) for any questions about the program schedule.

2018 Public Day

Giving Pets The Good Life: The Science of Animal Behavior Shows Us How!

Saturday, August 4
2:00 PM - 6:00 PM
UWM Campus-Kenwood IRC Room 1150
Free and open to the public. No registration required.

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

We all want what's best for our animals. But "what's best" has changed dramatically as the science of animal behavior and allied fields have revealed more about their behavioral, emotional, and cognitive lives. Pets and other animals are far more behaviorally complex, sensitive and cognitively sophisticated than ever imagined. Join us for a stimulating afternoon of lectures by four internationally renowned applied animal behaviorists covering the newest research and how we can use it to provide today's version of The Good Life for our animals.

Intro: Giving Pets the Good Life, Dan Estep, PhD, CAAB
The Science Behind Happy, Healthy, and Well-Adjusted Dogs, Emma Grigg, PhD, CAAB
Happy Horse, Safe Steed, Robin Foster, PhD, CAAB, CHBC and Tammy Donaldson, PhD, CAAB
Lost In Translation? Your Dog Is Talking To You!, Patricia McConnell, PhD, CAAB

CEUs offered. For more information about the speakers and talks please visit the Public Day webpage here:

ABS 2018: Events and Workshops

ABS Outreach Fair: Adventures in Animal Behavior

Thursday, August 2nd
12:00PM - 4:00PM
Urban Ecology Center

Organized by the ABS Education Committee

It is hard to imagine a field better suited to science outreach than animal behavior. People have innumerable questions about the behavior of their pets or squirrels in their backyard, techniques and experiments are easy to demonstrate, and applications range from agriculture and conservation to understanding our own behavior. Each year ABS members come together by the hundreds at the annual meeting, offering a great opportunity to reach out to the local community to excite them about behavior research and science more generally. For the last several years, over 30 labs (about 15/year) have participated in the ABS Outreach Fair, which is generally hosted by local museums and natural history centers. Students, postdocs, and PIs have been working to translate their research into engaging and informative activities for the public, from taking fake birds out of mistnets and tracking stuffed mice with radio collars, to watching butterflies get marked and released. Letting kids participate in such methodological demonstrations is often a great hook for telling them about what we can learn from animal behavior.

http://www.animalbehaviorsociety.org/NEWSLETTERS/63-2/meeting-events.php
Fair participants have also designed creative ways to communicate concepts from their work, such as the ease with which some animals can distinguish olfactory cues, whereas we are much more visually oriented or the importance of learning in behavior. Thanks to the generous efforts of local museums and the ABS participants, each of these fairs has attracted a diverse audience, generally 300-600 members of the public, from toddlers to teens to seniors. The kids are invariably excited to explore each and every display and have been overheard remarking “Look Mom, a girl scientist!” While the outreach fair has proven a valuable event for the local community, it has emerged as equally exciting for the ABS participants. When else does one have an opportunity to see the famed “Patricelli Robogrouse” in action? And what better way to learn about possible systems for dissertation research than to see fish, spiders, termites, caterpillars and bees gathered together in one room with people that know how to work with them? Students have also remarked that having to explain their research to such a wide audience forced them to think about the broader importance of their work. And each year, the participants learn a lot about what activities work well for communicating their research (kids love prizes!) and which ones fall a little flat (people would rather do something than read something). Is your lab interested in participating in this year’s outreach fair? Please contact Sue Margulis (margulis@canisius.edu)

**Education Committee Workshop: Animal Behavior Teaching Collection**
Thursday, August 2nd
8:00AM - 12:00PM

Organizers: Heather Zimbler-DeLorenzo, Andrea Bierema, Deborah Boege-Tobin and Eduardo Bessa

After creating an Animal Behavior teaching activity or module, publish it using the Animal Behavior Teaching Collection on EcoEd. This free half day workshop will show you how to use the site, other useful teaching resources sites, and focus on the publishing aspect of teaching resources. This workshop will also continue to build off of past Education workshops and introduce new ideas for teaching methodologies.

This is a free workshop.

**Genomics for Animal Behaviorists**
Thursday, August 2nd
12:30PM - 4:30PM

Organizer: Peter Dunn

This workshop will introduce genomics to animal behaviorists and help them get started using these techniques in their research. We will discuss study design, choice of methods, including practical issues of sequencing facilities, cost and computing resources, and then proceed to some brief hands-on data analyses based on the interests of the participants. The only background assumed is a basic knowledge of statistics and genetics, familiarity with your computer and interest in learning current genomic methods. This is a free half day workshop on Thursday, 2 Aug (12:30-4:30). Interested persons should send an email to pdunn@uw.edu with their name, affiliation, and a few sentences about what they hope to learn or do with what they learn in the workshop.

**Conservation Committee Workshop**
Friday, August 3
3:00 PM - 6:00PM

Organizers: ABS Conservation Committee

The ABS Conservation Committee (ABS-CC) organizes workshops every other year at the ABS conference where we invite conservation practitioners from the field to present on issues they are facing protecting species. The one-day workshops are then aimed at applying behavioral theory and research to solving these real-world conservation problems. At ABS 2018, conservation behaviorists will be giving 10-minute talks to set the stage for the next workshop, which will be held at ABS 2019 in Chicago. The pre-workshop talks at ABS 2018 will also be filmed and made available online (see below for speakers and topics). The presentations will start at approximately 3:30PM and after the talks there will be a discussion and ABS-CC meeting. Anyone interested in conservation behavior is welcomed to join, regardless of whether you plan to attend the 2019 workshop, and this is a free event.

Barbara Clucas - Introduction to ABS-CC workshops
Rich Buchholz – What is conservation behavior?
Bruce Schulte – How do you do conservation behavior?
Misty McPhee – Connecting with conservation practitioners
Alison Greggor – Systematic reviews and conservation behavior

**Public Affairs Committee: Three Minute Thesis (3MT) Competition**
Sunday, August 5th
How sharp are your science communication skills? Put them to the test in the Three Minute Thesis (3MT) competition! 3MT was originally developed by the University of Queensland for cultivate PhD students’ academic, presentation, and research communication skills. PhD students must effectively present their research in under three minutes, with minimal visual aids, in a manner accessible to a non-specialist audience. The only prop allowed is a single PowerPoint slide, with no animation, sound, or video. Competitors must have achieved candidacy in a doctoral program but not have received their PhD as of June 11, 2018. They will be judged on their content, clarity, accessibility, and presentation skills. Participation will be limited to 12 students. First come, first serve. The top 3 winners will receive prizes! For more information about 3MT, including examples from past competitions, check out their website at http://threeminutethesis.org/. To apply please email publicaffairs@animalbehaviorsociety.org with the Subject line: 3M Thesis Application.

ABS 2018 Silent Auction Reminder:

Bring Items to Milwaukee to Donate!!

Bring items from home, pick up items in your travels or from your field sites, or obtain donations from supportive colleagues and organizations. The more items we have, the more likely the auction will be as successful as it was last year!

What kind of items or services seem to be desirable?

- Books on Animal Behavior, Biology, Ecology, Conservation, Applied Animal Behavior, etc
- Autographed books from ABS authors
- Items with animal themes (t-shirts, jewelry, calendars, decor, greeting cards, posters, etc.)
- Software useful for members (statistics, data collection, etc.)
- Videotapes for teaching or entertainment with behavior themes
- Donations from zoo gift shops
- Memorabilia from past ABS meetings and members (vintage artifacts)
- Animal Photography
- Animal Artwork
- Statistical consulting, behind-the-scenes tour of the zoo, etc.
- Items from past meetings
- Time in privately owned vacation homes
- Anything legal that appeals to ABS Members!!
- Items that you donate for the auction will be placed at the meeting on tables next to bidding forms, or described if the item is not present.

During the meeting, members will visit the tables and bid on items by entering their bid on the bidding form. The auction will continue for several days while members bid against one another. The member with the highest bid at the deadline wins the item and takes it home with them.

Drop your items at the Registration Desk! Or if you can't make it to the meeting and you would still like to participate, you can mail it ahead to the campus. Just let us know what you will donate and we can provide the mailing address.

Funds raised will support Graduate Student Research and Latin American Affairs!

Contact the ABS Central Office About Your Donations: info@animalbehaviorsociety.org

ABS Newsletter

Please send general correspondence concerning the Society to ABS Secretary, Patty Brennan (secretary@animalbehaviorsociety.org).

Deadlines for materials to be included in the Newsletter are the 15th of the month preceding each issue. The next deadline is 15 July, 2018. Articles submitted by members of the Society and judged by the Secretary to be appropriate are occasionally published in the ABS newsletter. The publication of such material does not imply ABS endorsement of the opinions expressed by contributors.

Animal Behaviour

Animal Behaviour, 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 Ave., Bloomington, IN 47408, USA. E-mail: kribrunner@indiana.edu. Phone: 812-345-0497
2018 Grant Awardees

ANNOUNCING THE 2018 STUDENT RESEARCH GRANT AND DEVELOPING NATIONS RESEARCH AWARDS

Emily DuVal, 1st Member-at-Large
Chair, 2018 Student Research Grant Committee

We are pleased to announce the recipients of the 2018 Student Research Grants and the Developing Nations Research Awards. We received many high-quality proposals, but as in previous years, the number of applications exceeded the number we could fund. Of the 95 applications submitted, 39 were awarded funding.

Each proposal was reviewed independently by at least three referees, who provided evaluations and constructive feedback for the student grant writers. As always, members of the Society went above and beyond to provide constructive reviews. The Research Grant Committee extends a very heartfelt thank you to the following reviewers:


We were helped immensely by Lorena McMahon and Adam Kohm at SPLtrak, who administered the online grant submission and review system that ran very smoothly. Melissa Hughes (2nd Member-at-Large) and Chris Templeton (3rd Member-at-Large) made important contributions during the entire process. Thank you to them also. Most importantly, we want to thank all the members of the Society who have supported this program over the years and who have donated funds to make this program such a success.

GEORGE W. BARLOW AWARD

Monica A. Mowery, University of Toronto Scarborough, Understanding Invasiveness in Brown Widow

E. O. WILSON CONSERVATION AWARD

Tom Roth, Utrecht University, Influence of Fruit Availability on Party Size of

DAVID TUBER APPLIED ANIMAL BEHAVIOR AWARD

Emily DuVal, Florida State University E-mail: mematlarge2@animalbehaviorsociety.org

Melissa Hughes, College of Charleston, E-mail: mematlarge1@animalbehaviorsociety.org

President: Jeffrey Podos, University of Massachusetts-Amherst, E-mail: president@animalbehaviorsociety.org

First President-Elect: John P. Swaddle, College of William and Mary, E-mail: preselect1@animalbehaviorsociety.org

Second President-Elect: Jennifer Fewell, Arizona State University, E-mail: preselect2@animalbehaviorsociety.org

Past President: William A. Searcy, University of Miami, E-mail: pastpresident@animalbehaviorsociety.org

Secretary: Patricia Brennan, Mount Holyoke College, E-mail: secretary@animalbehaviorsociety.org

Treasurer: Gil G. Rosenthal, Texas A&M University - College Station, E-mail: treasurer@animalbehaviorsociety.org

Program Officer: Jonathan Pruitt, University of California-Santa Barbara, E-mail: progooffice@animalbehaviorsociety.org

Program Officer-Elect: Alison Bell, University of Illinois-Champaign, E-mail: progoofficeelect@animalbehaviorsociety.org

Parliamentarian: Tamra Mendelson, University of Maryland - Baltimore Count, E-mail: parliamentarian@animalbehaviorsociety.org

Executive Editor: Susan A. Foster, Clark University, E-mail: execeditor@animalbehaviorsociety.org

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

Members-at-Large:

Emily DuVal, Florida State University E-mail: mematlarge1@animalbehaviorsociety.org

Melissa Hughes, College of Charleston, E-mail: mematlarge2@animalbehaviorsociety.org
Carolyn Loyer, University of Washington, Does canine cognitive bias predict agonistic interactions in companion dogs?

AMY R. SAMUELS CETACEAN BEHAVIOR AND CONSERVATION AWARD

Elizabeth Zwamborn, Dalhousie University, Follow the leader or take a vote? How long-finned pilot whales (Globicephala melas) structure their social interactions

STUDENT RESEARCH AWARDS

Piero Amodio, University of Cambridge, Are octopuses creative tool users or tool specialists?

Celina Baines, University of Toronto Mississauga, Does dispersal behavior in water striders (Aquarius remigis) depend on phenotype and mating dynamics?

Lisa P Barrett, University of Wyoming, Personality, problem solving, and pair bonds: An investigation of coordination in zebra finches

Elizabeth Bergen, Cornell University, Stochastic Variation In Female Mating Preferences As A Target Of Male Mate Choice

Mae Berlow, University of Tennessee, Knoxville, Impacts of Urban Noise on Avian Behavior, Stress Hormones, and Gut Microbiome

Carlos Biagolini-Jr., Universidade de Brasilias, The role of habitat in extra-pair paternity in Blue-black Grassquit (Volatinia jacarina)

Nicholas Brown, McMaster University, Nest-site selection as a strategy to maximize the benefit-to-cost ratio of providing parental care

Zachary Cannizzo, University of South Carolina, Exploration of the Impacts of Newly Colonized Habitats on the Ritualistic Aggression Behavior of a Range-Shifting Species

Noori Choi, University of Nebraska-Lincoln, Anthropogenic interference in the communication of ground dwelling predator

Casey Coomes, University of Tennessee Knoxville, If you can’t take the heat: The effects of heat stress on communication behaviors in an endotherm

Brittany Coppinger, University of Tennessee, Flock Density and Its Influences on Social and Vocal Complexity

Jessica Cusick, Florida State University, Investigating Proximate Causes of Individual Variation in Cooperative Behavior

Zachary Emberts, University of Florida, The Evolution of Sacrificing a Limb to Escape Predation Olivia Feagles, University of Wisconsin Milwaukee, Testosterone: The Power behind Multimodal Signaling in Gray Treefrogs (Hyla versicolor)?

Claire Hemingway, University of Texas at Austin, State-dependent Decision-making Strategies in Frog-eating Bats

Michael Henderson, Boise State University, Consequences of Nest-site Selection for an Arctic Specialist in a Dramatically Changing Environment

Harrison Jones, University of Florida, Behavioral Plasticity of a Threatened Migratory Bird Across an Andean Fragmentation Gradient

Kanza Khan, University of Southern Mississippi, Developing a model of the placebo effect in zebrafish (Danio rerio)

Laura LaBarge, State University of New York, University at Buffalo, Perceived Predation Risk and Sociality in a Wild Primate

Chase LaDue, George Mason University, Investigating the Variation of Musth in Asian Elephants (Elephas maximus)

Elizabeth Lange, Florida State University, Socially Mediated Plasticity and Polymorphism: Integrating Theory and Experiment to Predict the Maintenance of Alternative Reproductive Tactics

Casey Lee, Colorado State University, Behavioral Impacts of a Gradient of Anthropogenic Noise on a Keystone Species

Ashley Love, Oklahoma State University, The Influence of Maternal Disease on Offspring Behavior and Disease Susceptibility
Amelia Meier, Duke University, Using African Forest Elephant Behavioral Ecology to Inform Anti-Poaching Strategies

Meredith Miles, Wake Forest University, The physiology and evolution of high-speed gestural displays

Rebecca Moss, James Cook University, Species Interactions and Plasticity in Female Mate Assessment Camila Pavún, Laboratorio de Etología, Ecología y Evolución. Instituto de Investigaciones Biológicas

Clemente Esta, MANTAINANCE OF ALTERNATIVE MATING TACTICS IN A NEOTROPICAL GIFT-GIVING SPIDER

Kevin Potts, University of Mississippi, Anti-Predator Behavior and Optimization of Oviposition Site Choice of Odonates in Response to a Predatory Fish

Amanda Rowe, Stony Brook University, DNA barcoding and the race for conservation: Implementing novel methods to understand the nutritional ecology of Microcebus rufus for optimized management strategies in Ranomafana National Park, Madagascar

Clint Sergi, University of Wisconsin - Milwaukee, Analyzing the causes of individual variation in web architecture in Latrodectus hesperus

Elyan Shor, University of Memphis, Seasonal and Neuroendocrine Regulation of Immune Function and Glucocorticoids in the Siberian Hamster (Phodopus sungorus).

Levi Eldon Storks, University of Missouri, The Neuronal Substrates of Intraspecific Variation in Behavioral Flexibility in the Lizard Anolis sagrei

Chris Tyson, UC Davis, Uncovering the Behavioral Benefits of Prolonged Pair Bonds in Seabirds

Erin Weigel, University at Buffalo, The use of multiple play signals in captive infant and juvenile western lowland gorillas

Emma White, University of New England, The role of true paternity in fitness in a grassland songbird

Dalon White, University of Illinois Urbana-Champaign, Investigating the Intersection Between Warmer Environmental Conditions and Behavioral Traits Using Two Common Centrarchids

Dana Williams, UCLA, Social transmission of foraging knowledge in yellow-bellied marmots

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**DEVELOPING NATIONS RESEARCH AWARDS**

Ramiro Arrieta, Argentine Dryland Research Institute - National Scientific and Technical Research Council, Behavioral Factors Affecting the Rate of Extra-pair Paternity in a South Temperate Population of Sedge Wren (Cistothorus platensis)

Anna Bastian, University of Cape Town, Acoustic mate choice - Is echolocation a trait under female sexual selection?

Lia Kajiki, University of Brasília, The Social and Genetic Mating System of a Neotropical Manakin Endemic to the Cerrado Biome

Romina Scardamaglia, FCEN-UBA, Information Parasitism In An Avian Brood Parasite? Communal Roosts as Possible Centres Of Information For Host Nest Location

Laura Schaedler, Universidade Federal do Paran, Phenotypic interaction networks in blue manakins (Chiroxiphia caudata)

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**ANNOUNCING THE RESULTS OF THE 2017 GRANTS PROGRAM FOR GRADUATE STUDENTS IN PUERTO RICO**

In fall 2017, ABS sponsored a small grants program for animal behavior graduate students in Puerto Rico, to aid in the recovery from Hurricanes Irma and Maria. This was a one-time allocation of funds, to help students with damage to infrastructure and ongoing research programs. The Executive Committee allocated $5000 of discretionary funds to this effort, and ABS members generously donated an additional $3050 in response to the call for support.

With this support, we were able to support 10 applicants, with funds divided evenly among awardees. Each application was independently reviewed by at least two MALs, and rated as suitable or unsuitable for funding (based on whether or not the work described included animal behavior).
Awardees are: Jose Arce, University of Puerto Rico at Mayaguez Stephanie Feliciano, University of Puerto Rico - Rio Piedras Maria E. Ramirez, University of Puerto Rico - Rio Piedras David Clark, Jr., University of Puerto Rico - Rio Piedras Elizabeth Evans, University of Puerto Rico - Rio Piedras Wickensonn Norze, University of Puerto Rico Valeria De La Rosa-Reyes, University of Puerto Rico-Medical Sciences Campus Agnes M. Acevedo Canabal, University of Puerto Rico, Medical Sciences Campus Adolfo Rodriguez Velázquez, University of Puerto Rico - Rio Piedras Maria Isabel Herrera-Montes, University of Puerto Rico - Rio Piedras

ANNOUNCING THE 2018 CONFERENCE TRAVEL AWARDS

Congratulations to the recipients of the conference travel awards. These awards were administered by Melissa Hughes, with the assistance of Emily DuVal and Chris Templeton (the Members at Large). For both the Latin American Travel Awards and Graduate Student Travel Grants, two MALs separately rated each abstract, and those scores were combined with ratings of the submitted CVs to rank applications. Within those rankings, ties were broken by giving preference to PhD students and those who had not previously attended ABS. We received many more deserving applications than we were able to fund, and appreciate the widespread interest in these awards.

We were able to fund 5 of 17 applications for the Latin American Travel Awards. Award amounts varied this year to reflect travel costs from the students' varied locations. LATA awardees for the 2018 conference are:

Jimena Lois Milevicich, Universidad de Buenos Aires
Joao Menezes, Universidade de Sao Paulo
Luane Ferreira, Laboratory of Bioacoustics, UFRN
Pedro Ribeiro, UFPR
Paulo Pulgarin, Universidad CES

We were able to fund 24 of 88 applications for the Graduate Student Travel Grants, with each award set at $500. GSTG awardees for the 2018 conference are:

Joseph Burant, University of Guelph
Sebastian Echeverri, University of Pittsburgh
Meredith Fitschen-Brown, Ohio University
Eve Humphrey, Florida State University
Todd Johnson, University of Illinois at Urbana-Champaign
Lily Johnson-Ulrich, Michigan State University
Whitley Lehto, University of Denver
Meredith Miles, Wake Forest University
Philip Queller, University of Texas at Austin
Natalie Roberts, University of Maryland Baltimore County
Juan Manuel Rojas Ripari, CONICET
Amy Shipley, University of Wisconsin-Madison
Yasmin Shirali, University of Texas at Austin
Erin Siracusa, University of Guelph
Ummat Somjee, University of Florida
Jessie C. Tanner, University of Minnesota
Olivia Tomeo, Georgia State University
Reut Vardi, Ben-Gurion University
W. Tang Watanasriyakul, Northern Illinois University
Melinda Weaver, Arizona State University
Dalon White, University of Illinois Urbana-Champaign
Eric Wice, Rice University
Maggie Wisniewska, New Jersey Institute of Technology
Yusan Yang, University of Pittsburgh

THE 2018 CAREGIVER TRAVEL GRANT

The Caregiver Travel Grant award provides 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. 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. This year, we were able to award one caregiver award so far and expect to award more as the grant deadline was recently extended. Each recipient receives $500 to put towards the care of those either traveling with them or staying behind. Awards were administered by Chris Templeton, with the assistance of Emily Duval and Melissa Hughes (the Members at Large).
Announcements

DONATIONS TO ABS FUNDS - A BIG THANK YOU TO ALL CONTRIBUTORS!
Over $11,000 was contributed in the calendar year from May 1, 2016 to April 30, 2017 to support the student grant competitions and other ABS activities, as detailed here:

- Student Research Grants: $1,350
- Unrestricted Funds (Includes $2,850 to the Puerto Rico Grant): $5,730
- Cetacean Award: $45.72
- Tuber Award: $79.24

Donations to ABS Funds (contributors in alphabetical order by first name):

GIFT STUDENTS WITH AN ABS MEMBERSHIP
Student members in the Animal Behaviour Society are very inexpensive ($25/year for online subscription or $60/year for paper and online subscription; $15 or $45, respectively, for students in developing nations). Given graduate students usually have minimal disposable income, please consider purchasing ABS memberships for your students. You will support your students and your society with one small donation.

Please contact the ABS Central Office for more information on how to purchase a gift a membership:
info@animalbehaviorsociety.org

GEORGE W. BARLOW AWARD FOR OUTSTANDING STUDENT RESEARCH PROPOSAL
An endowment fund was established in 2014 in memory of George W. Barlow for the purpose of encouraging excellence in graduate student research in the field of animal behavior. The Barlow Award is awarded annually to one top-ranked proposal in the Student Research Grant cycle in accordance with the most recent ABS Student Research Grant competition rules. A cash award and a certificate will be given to the student selected. The amount of the Barlow Award will be the maximum amount allowed for a Student Grant Award as specified in the most recent ABS bylaws or policies.

If you would like to make a US tax-deductible donation to this cause, please send your donation to: Animal Behavior Society, 2111 Chestnut Avenue, Suite 145, Glenview, IL 60025, USA (with appropriate notation for this fund). We will recognize major donors in a future issue of the newsletter. Thanks to Dr. Judy Stamps for arranging for ABS to manage this endowment and for her generous seed donation.
CALL FOR SYMPOSIA, INVITED SESSIONS & WORKSHOP PROPOSALS FOR THE 2019 ABS & ICE JOINT MEETING

Interested in proposing a Symposium or Workshop for Behaviour 2019? Please complete the proposal form found in the link below to submit your invited paper session and/or workshop proposal for consideration.

Selections will be made in consultation with the ABS Executive Committee and ICE Council Members.

Behaviour 2019 proposal form: https://www.research.net/r/TTW9JPL

The deadline to submit this form is July 09, 2018.

If you have any questions, please contact the ABS 2018 Program Officer Jonathan Pruitt: progofficer@animalbehaviorsociety.org

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 July 31, 2018 to Jeff Podos, 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 Toronto. 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 East Lansing, MI, Email: publicaffairs@animalbehaviorsociety.org

FOLLOW ABS ON FACEBOOK

Go to http://facebook.com/animalbehaviorsociety/ to stay on top of the latest news, events, and announcements about the Animal Behavior Society, its members, and their research. Members are welcome to contribute to our wall and share their ABS-related photos and experiences. Invite all your friends to help continue to expand the society!

SUPPORT THE ANIMAL BEHAVIOR SOCIETY

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.

NOTICE TO DEVELOPING NATION SCIENTISTS PLANNING TO ATTEND ABS 2018

The Latin American Affairs Committee and/or Diversity Committee can provide letters of invitation to help scientists (faculty or students) from developing countries obtain travel funding from their universities in order to attend the ABS meeting in 2018. If such a letter would be useful in helping you to obtain funding, please contact the following person, depending on whether you are from a Latin American country or elsewhere, to request an invitation. Please provide your name and address, as well as the title or topic of the paper you will be presenting at the conference.

Latin American Countries: Lilian Tonelli Manica, Departamento de Zoologia, Universidade Federal do Paraná, Curitiba, PR 81531-990, BRAZIL. E-mail: latinamericanaffairs@animalbehaviorsociety.org

Other Countries: Daniel Howard, Department of Biological Sciences, University of New Hampshire, Durham, NH 03824, US. E-mail: diversity@animalbehaviorsociety.org
JOIN AN ABS COMMITTEE!

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

ABS STANDING COMMITTEE AND SUBCOMMITTEE CHAIRS 2015-2017

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: William A. Searcy, Department of Biology, University of Miami, Coral Gables, Florida, US. E-mail: nominations@animalbehaviorsociety.org

Education Committee: Susan W. Margulis, ABEC Department, Canisius College, Buffalo, 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: Kaci V. Thompson, University of Maryland, College Park, Maryland, US. and Danielle J. Whittaker, Michigan State University, Lansing, Michigan, US. E-mail: publicaffairs@animalbehaviorsociety.org

Board of Professional Certification Subcommittee: Crista Coppola, Certified Applied Animal Behaviorist, Dog and Company Behavior Consulting, Tucson, Arizona, 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: Emily DuVal, 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

Diversity Committee: Daniel Howard, Department of Biological Sciences, University of New Hampshire, Durham, New Hampshire, US. E-mail: diversity@animalbehaviorsociety.org

ANNUAL MEETINGS

ANIMAL BEHAVIOR SOCIETY


OTHER MEETINGS

July 4th-7th, 2018. The 30th annual HBES conference will be held July 4th-7th, 2018 in Amsterdam, Netherlands.


August 19-22, 2018. The 2nd Joint Congress on Evolutionary Biology will be held in Montpellier, France. https://www.evolutionmontpellier2018.org
