

# Business Meetings

## American Physiological Society 171st Business Meeting

Time: 5:30 PM, Tuesday, April 24, 2018

Place: San Diego, CA

### I. Call to Order

The meeting was called to order at 5:30 PM by President Dennis Brown, who welcomed members to the 171th Business Meeting of the American Physiological Society.

### II. Election of Officers

President Brown announced the results of the election. The new President-elect is Meredith Hay (University of Arizona; April 25, 2018 to April 2021). The three newly elected Councillors are David Mattson (Medical College of Wisconsin), Timothy Musch (Kansas State University), and Larissa Shimoda (John Hopkins University). The newly elected Councillors will serve a 3-year term (April 25, 2018 to April 2021). All newly elected officers will assume office at the close of EB2018.

### III. Approval of Bylaws Changes

#### A. Request for approval of bylaw changes

President Brown stated the members of APS received changes to our bylaws, which are listed below. The first change is designed to make it easier for the Society to approve bylaw changes via e-ballots instead of having to wait until the next annual meeting.

#### 1. Current Bylaw

##### ARTICLE XIII. Amendments

SECTION 1. *Presentation.* Amendments to these Bylaws may be proposed in writing, by any regular member, to Council at any time up to three months in advance of any Business Meeting of the Society. Such proposed amendments must be presented in writing at the following Business Meeting for action by the Society.

SECTION 2. *Adoption.* These Bylaws may be amended at any Business Meeting of the Society by a two-thirds majority vote of the regular members present and voting.

#### Change to:

##### ARTICLE XIII. Amendments

SECTION 1. *Presentation.* Amendments to these Bylaws may be proposed in writing, by any regular member, to Council. Following approval by Council (by electronic vote), amendments will be publicized to allow members to discuss the amendment by electronic discussion board for 30 days. Regular members then will have an additional two weeks to vote by electronic ballot.

SECTION 2. *Adoption.* These Bylaws may be amended after approval by a two-thirds majority of the regular members who vote electronically.

The second bylaw change reflects the pending change of location for the APS as it moves from 9650 Rockville Pike, Bethesda, to 6120 Executive Boulevard, Rockville.

#### 2. Current Bylaw

##### ARTICLE I. Principal Office

SECTION 1. The Society will have its principal place of business at 9650 Rockville Pike, Bethesda, MD 20814. The office shall house all activities delegated to the employees of the Society.

#### Change to:

##### ARTICLE 1. Principal Office

SECTION 1. The Society will have its principal place of business at 6120 Executive Boulevard, Rockville, MD 20852. The office shall house the activities delegated to employees of the Society.

The motion was approved.

### IV. Membership

#### A. Summary of the Membership Status

President-Elect Jeff Sands reported on the status of the Society membership. As of March 1, 2018, the current membership of the Society is 10,8103, of which 6,912 are regular members, 22 are honorary members, 1,184 are emeritus members, 147 are affiliate members, 2,046 are

graduate student members, and 502 are undergraduate student members. He also indicated that women make up 29% of the membership, 27% of our members reside outside of the U.S., and 37% are under the age of 45.

### **B. Deaths Reported Since the Last Meeting**

A list of the names of those members whose deaths had been reported since the 2017 Business Meeting was displayed. Sands asked the membership to stand and to observe a moment of silence in tribute to their deceased colleagues.

## **V. Awards and Presentations**

### **A. Ray G. Daggs Award**

Ray G. Daggs was the APS Executive Secretary-Treasurer between 1956 and 1972. In tribute to his devotion to the Society, the Ray G. Daggs Award was established and is given annually to a physiologist for distinguished service to the Society and to the discipline of physiology. The 2018 Daggs Awardee is Hannah Carey, an APS Past-President.

Carey received her B.S. degree from the State University of New York at Binghamton in 1977 and her PhD in zoology from the University of California at Davis in 1983. She did postdoctoral training at the Ohio State University and joined the faculty at the University of Wisconsin School of Veterinary Medicine in 1989. Carey's research interests revolve around understanding the mechanisms of nutritional adaptation in hibernating mammals. Her most recent work focuses on the gut microbiome in hibernation. She has published over 100 manuscripts in excellent journals in the field.

Most importantly for this award, Carey has had a distinguished career of service to the American Physiological Society and to science in general. As is well known to the Council, she served as the Society's President from 2007 to 2008. Her path to



APS President Dennis Brown presents the Ray G. Daggs Award to Hannah V. Carey

president is marked by a vast amount of APS committee service, including Chair of the Committee on Women in Physiology, Chair of the Membership Committee, Chair of the Committee on Committees, and Chair of the Communications Committee. She served on the International Advisory Board of IUPS and, of course, was a member of the APS Council. More recently, she was the APS representative to the FASEB Board of Directors. For FASEB, she also served on the Public Affairs and Science Policy Committee, and was Vice President for Science Policy. Most recently, she was elected to be FASEB's President-elect as of July 1.

Carey has provided service to numerous journals and granting agencies, including NIH and NSF, where she served as Program Director from 2010 to 2011, working in the Division of Integrative Organismal Systems within the Biology Directorate. She was the North American Editor of the *Journal of Comparative Physiology B*. Carey has served on the editorial boards of five APS journals. She has been honored by several sections of APS, which includes the GI and CEP sections.

### **B. Arthur C. Guyton Educator of the Year Award**

The Arthur C. Guyton Physiology Teacher of the Year Award is selected by the Teaching Section and is supported by Elsevier. This award recognizes a full-time faculty member who has demonstrated excellence in classroom teaching, commitment to the improvement of physiology teaching, and contributions to physiology education at the local community, national, or international levels. This year, the recipient of the Guyton Educator of the Year Award is Jonathan D. Kibble (University of Central Florida).

### **C. Dale Benos Early Career Professional Service Award**

The Early Career Professional Service Award honors an APS member who is judged to have made outstanding contributions to the physiology community and furthering its broader goals. This award was established to recognize the late Dale Benos, the Society's 79th President, Chair of Physiology at the University of Alabama, Birmingham, and a distinguished physiologist. The award recognizes Dale's dedication and commitment to excellence in the training and mentoring of young physiologists and colleagues. APS is pleased to recognize Patricia Halpin (University of New Hampshire) as the 2018 Awardee. Christopher Banek, Chair of the Trainee Advisory Committee, assisted the President in presenting the award.

#### **D. S&R Foundation Ryuji Ueno Award**

The S&R Foundation Ryuji Ueno Award was established in 2007 by the American Physiology Society through the generous support of Ryuji Ueno and Sachiko Kuno and the S&R Foundation. Ryuji Ueno and Sachiko Kuno are founders of Sucampo Pharmaceuticals and the S&R Foundation, both in Bethesda, MD. This award recognizes an APS member who has demonstrated outstanding research promise. The award is given annually to an early career physiologist demonstrating outstanding promise in research in wound healing, tissue remodeling, and/or organ regeneration. The award of \$30,000 is designated for the awardee's research program. APS is pleased to recognize this year's awardee, Eitaro Aihara (University of Cincinnati).

#### **E. Beverly Petterson Bishop Award for Excellence in Neuroscience**

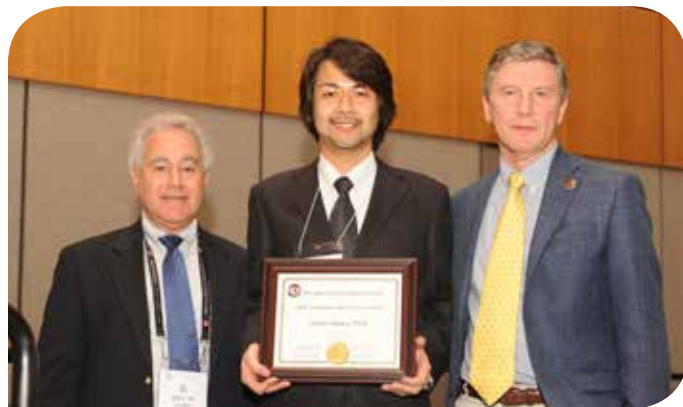
The Beverly Petterson Bishop Award recognizes excellence in neuroscience/neurophysiology research. The award is given to an investigator who holds an academic rank no higher than assistant professor. The award is presented annually to an individual demonstrating outstanding promise based on his/her program in neuroscience/neurophysiology research. Each recipient receives a \$20,000 award designated for use in their research program. APS is pleased to recognize Scott Edwards (LSU Health Sciences Center).

#### **F. Giles F. Filley Memorial Awards**

As a result of a bequest from the family of Giles F. Filley, a memorial fund was established to recognize excellence in research in respiratory physiology and medicine. Two annual awards of \$16,000 are made to junior faculty members (at an academic rank no higher than assistant professor). APS is pleased to recognize this year's awardee, Adrienne Huxtable (University of Oregon).

#### **G. Arthur C. Guyton Award for Excellence in Integrative Physiology and Medicine**

The Arthur C. Guyton Award Fund was established in 1993 to recognize the contributions of Arthur C. Guyton and his interests in feedback, modeling, and integrative physiology. The awards are made to an independent, junior investigator pursuing research that uses integrative approaches to the study of physiological function and explores the role of feedback regulation in physiological



APS President Dennis Brown (right) and President-Elect Jeff Sands (left) present the S&R Foundation Ryuji Ueno Award to Eitaro Aihara (middle)

function. The award is for \$30,000 and is designated for use in the awardee's research program. This year's awardee is Lauro Vianna (University of Brasilia).

#### **H. Lazaro J. Mandel Young Investigator Award**

As a result of a bequest from the wife of Lazaro J. Mandel, a memorial fund was established to recognize excellence in epithelial or renal physiology. An award is made to a junior faculty member who has demonstrated outstanding research promise. The award is \$9,500 and is designated for use in the awardee's research program. This year's awardee is Aaron Polichnowski (East Tennessee State University).

#### **I. Shih-Chun Wang Young Investigator Award**

As a result of a bequest from the wife of Shih-Chun Wang, a memorial fund was established to recognize excellence in physiology. An annual award is made to a junior faculty member who has demonstrated outstanding research promise. The award of \$10,500 is designated for the use in the awardee's research program. APS is pleased to recognize this year's awardee, Colin Young (The George Washington University).

#### **J. Dean Franklin Young Investigator**

The Dean Franklin Young Investigator Award was established by Data Sciences International (DSI) to recognize Franklin's role in developing instrumentation to monitor physiological function in conscious animals and humans. The award recognizes a postdoctoral scientist or junior faculty member who is pursuing in vivo physiological research and is in the process of establishing





APS President Dennis Brown, President-Elect Jeff Sands, and Dan Singer (*right*) from DSI present the Dean Franklin Investigator Award to Tengis Pavlov

an independent laboratory. The award recipient receives a travel award of \$1,500 to attend the annual EB meeting to present his/her work and a DSI instrumentation starter kit valued at approximately \$20,000. Dan Singer and Mariko Austin of DSI joined Brown to recognize this year's awardee, Tengis Pavlov (Henry Ford Health System).

#### **K. ADI Macknight Progressive Educator Award**

The ADInstruments Macknight Progressive Educator Award is named in honor of Anthony Macknight, an APS member since 1978 and founder of ADInstruments. The award honors an APS member who incorporates innovative teaching techniques and technology resources to engage undergraduates in physiology education. The awardee receives a \$1,500 travel award to attend the EB meeting and an institutional grant providing the award recipient's institution with a PowerLab LabTutor Physiology Teaching Bundle or equivalent. This year, the Society is pleased to recognize Anne Crecelius (University of Dayton) as the ADInstruments Macknight Progressive Educator Awardee.

#### **L. Physiologists in Industry Committee Awards**

The Translational Research Awards were established in 1999 and are given to a graduate student and to a postdoctoral fellow submitting the best abstracts describing novel disease models. This award is sponsored by the Physiologists in Industry Committee and by Novo Nordisk Beijing. The recipient of this year's postdoctoral award is Paramita Pati (University of Alabama at Birmingham), and the recipient of this year's predoctoral award is Jianxiang Xue (University of South Florida).



APS President Dennis Brown and President-Elect Jeff Sands present the ADInstruments Macknight Early Career Innovative Educator Award to Anne Crecelius

#### **M. International Early Career Physiologist Travel Awards**

The International Early Career Physiologist Travel Award program was established in 2008 to assist with travel expenses for international early career physiologist who are attending the APS Annual Meeting at EB to present their work. This year's awardees are:

**Karla Garcia-Pelagio** (Universidad Nacional Autonoma De Mexico, Mexico), **Erika Iwamoto** (Sapporo Medical University, Japan), **Beibei Luo** (Shanghai University of Sport, China), **Chitaranjan Mahapatra** (Indian Institute of Technology Bombay, India), **Sophie Moller** (University of Copenhagen, Denmark), **Luis Gustavo Patrone** (Sao Paulo State University, Brazil), **Marcelle Paula-Ribeiro** (Federal University of Sao Paulo, Brazil), **Jean-Philippe Rousseau** (Universite Laval, Canada), **Adam Russell-Hallinan** (University College Dublin, Ireland), **Jeann Sabino-Carvalho** (University of Brasilia, Brazil), **Andre Teixeira** (University of Brasilia, Brazil), **Alyssa Weinrauch** (University of Alberta, Canada), **Calum Wilson** (University of Strathclyde, United Kingdom).

#### **N. Caroline tum Suden/Frances Hellebrandt Professional Opportunity Awards**

The recipients of the Caroline tum Suden awards are selected by the Women in Physiology Committee chaired by Susan Marsh. This year's fifty awards were made possible by the bequests of Caroline tum Suden and Frances Hellebrandt, who were long-time members of the Society. Awards are open to graduate students or postdoctoral fellows, who receive a \$500 check and paid registration.

### **O. Fleur Strand Professional Opportunity Awards**

The Fleur L. Strand Award was established to recognize the achievements of a graduate student or postdoctoral fellow, enabling the recipient to attend the EB meeting. The award is named in honor of the late Fleur Strand, formerly Professor Emerita, New York University. Strand was the first to show that stress-evoked hormones such as ACTH can have a direct effect on peripheral systems, independent of the adrenal gland. The award is open to a physiologist working in any area of research. The awardee receives \$1,000 and complimentary registration for the EB meeting. APS is pleased to recognize this year's awardee, Melissa Linden (Colorado State University).

### **P. Steven M. Horvath Professional Opportunity Awards**

The Steven M. Horvath Award is given to the top two applications from minority candidates. This award is a reflection of Horvath's long-term commitment to the training of minority physiologists. These awards are made possible by a bequest of the family of Steven M. Horvath. APS is pleased to recognize this year's awardees, Austin Robinson (University of Delaware) and Denisha Spires (Medical College of Wisconsin).

### **Q. Recognition of Outgoing Section Chairs**

Michael S. Hedrick (Chair of Comparative & Evolutionary Physiology Section), Carmen Hinojosa-Laborde (Chair of the Water & Electrolyte Homeostasis Section), Eric Lazartigues (Chair of Neural Control & Autonomic Regulation Section), Michael Hedrick (Chair of Comparative & Evolutionary Physiology Section), and Declan McCole (Chair of the Gastrointestinal & Liver Section) completed their terms at the close of the EB18 meeting. Brown thanked them for their service to their sections and to APS, and presented them with certificates of service.

### **R. Recognition of Outgoing Committee Chairs**

Robert Brock (Chair of the Membership and FAPS Committee), Erica Dale (Chair of the Trainee Advisory Committee), Paul Davenport (Chair of the Perkins Memorial Award Committee), and Caroline Rickards (Chair of the Women in Physiology Committee) completed their terms on December 31, 2017. Brown thanked them for their service to their respective committees and to APS, and presented them with certificates of service.

### **S. Recognition of Outgoing Councillors**

Councillors David Gutterman (Medical College of Wisconsin), Lisa Leon (U.S. Army Research Institute of Environmental Medicine), and Irene C. Solomon (Stony Brook University) completed their terms at the close of the EB18 meeting. Brown thanked them for their service to the Society and presented them with a certificate.

### **T. Recognition of Past President Jane Reckelhoff**

Brown asked the membership to join him in offering a special thank you to outgoing Past-President Jane Reckelhoff for her hard work and dedication to APS over the past 3 years.

Says Brown: "Janie has led the society through a time of great transition. She played a central role in the implementation of a forward-looking strategic plan, and most recently spent countless and grueling hours serving on the search committee for the new executive director to follow Marty Frank. Her wisdom and insights have guided me through my year as president, and for that I am deeply grateful. I will miss working with her over the next year as I move into the past-president role, but I hope that she will find other ways to continue to serve APS as she has done so effectively and vigorously in the past. Her most visible role was of course as a member of the executive council, but she has worked behind the scenes on innumerable committees, task forces, and editorial boards to help further the mission of the society. The APS owes Janie a considerable debt of gratitude for her unselfish volunteering on behalf of our thousands of members. I hope she will now have more time to focus her efforts on her outstanding scientific program at the University of Mississippi, Jackson. But Janie, please don't be a stranger—we need people like you to help the society navigate challenges and exciting opportunities that we will encounter as we move forward under new leadership."

## **VI. Passing of the Gavel**

Brown then passed the gavel to Jeff Sands (Emory University), with his sincere commitment to support Sands in his work to achieve the goals as incoming President of the American Physiological Society.

## **VII. New Business**

No new business.

Brown stated that Marty Frank will retire on June 30, 2018, from the APS after 33 years as executive director. During his time at APS, Frank has overseen growth in many areas, including increases in the Society's member base and in its ability to support researchers working in the discipline of physiology. Some of his significant accomplishments include building a strong advocacy program for animal research, transitioning the APS family of journals from print to online, and developing an undergraduate research program that has attracted students to physiology research careers. Frank has worked tirelessly to advance inclusion and diversity within APS. In recognition of his efforts, the Council approved a proposal to name the Society's Minority Travel Fellowship Program in his honor. In the future, the program, which was started by Frank in 1987, will be called the Martin Frank Minority Travel

Fellowship Program. Marty, on behalf of the Council and the membership, thank you for your 33 years of service to the Society. We all wish you well in your retirement.

Brown said before he adjourns the meeting, he would like to take this opportunity to introduce the Society's new executive director, Scott Steen, who will be succeeding Marty Frank. Steen came to the podium and indicated that he was excited to become the Society's next executive director and looked forward to building on the programs initiated and developed during Marty's tenure.

There being no new business, the meeting was adjourned at 6:34 PM, April 24, 2018.

**Jeff Sands**  
*President-Elect*



APS President Dennis Brown and President-Elect Jeff Sands present the Presidential Recognition Plaque to Jane Reckelhoff, APS Past President



APS President Dennis Brown passes the gavel to President-Elect Jeff Sands

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