

Business Meeting Minutes

American Physiological Society 170th Business Meeting

Time: 5:45 PM, Tuesday, April 25, 2017

Place: Chicago, IL

I. Call to Order

The meeting was called to order at 5:45 PM by President Jane F. Reckelhoff, who welcomed members to the 170th Business Meeting of the American Physiological Society.

II. Election of Officers

President Reckelhoff announced the results of the election. The new president-elect is Jeff Sands (Emory University School of Medicine; April 26, 2017 to April 08, 2020). The three newly elected councillors are Charles Lang (Pennsylvania State University College of Medicine), Merry Lindsey (University of Mississippi Medical Center), and Ronald Lynch (University of Arizona Health Science Center). The newly elected councillors will serve a 3-year term (April 26, 2017 to April 08, 2020). All newly elected officers will assume office at the close of EB2017.

III. Membership

A. Summary of the Membership Status

President-Elect Dennis Brown reported on the status of the Society membership. As of March 1, 2017, the current membership of the Society is 10,711, of which 7,188 are regular members, 22 are honorary members, 1,140 are emeritus members, 125 are affiliate members, 1,812 are graduate student members, and 424 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 2016 Business Meeting was displayed (see Table 1 at end of article). Brown asked the membership to stand and to observe a moment of silence in tribute to their deceased colleagues.

IV. State of the Society

President Reckelhoff addressed the membership and spoke on the state of the Society.

Reckelhoff stated it was an honor and pleasure serving as the Society's 89th President.

The support provided by the Council, membership, and staff have made this a wonderful experience as we have worked together to advance the Society and our discipline of physiology.

As was written in an article in *The Physiologist*, physiology does not get the respect that we all think that it deserves. As a consequence, the Society contracted



APS President Jane Reckelhoff and President-Elect Dennis Brown present the Ray G. Daggs Award to Kim E. Barrett

with a consulting group, Minding Your Business, to work with us to rebrand the Society and discipline, as well as to work with us on the development of a new Strategic Plan.

Joined by members of the Section Advisory Committee, Trainee Advisory Committee, and senior APS staff, the Council met with Minding Your Business in Houston earlier this year to develop a Strategic Plan. We are still working on the plan, so I'm not prepared to share it with you at this time, but it will be published by the end of the year in *The Physiologist*. However, I can share the five areas on which the plan is focused. Specifically:

- Refreshing the strategic focus of the Society
- Modernizing the membership model

- Prioritizing and evaluating Society offerings
- Extending the influence of the Society through journals and conferences
- Enhancing governance and operational performance

To help us finalize the Strategic Plan this summer, we will be incorporating the results of a post-EB meeting survey that each of you should receive later this week and I urge you to complete it since it will be important in informing the strategic plan.

The post EB meeting survey will also help to inform the Society on how best to restructure our annual meeting. As you may or may not know, this will be the last year that the American Society for Nutrition will be meeting as part of EB. The remaining five societies

of the APS awards and to which the Development Office is striving to raise additional funds from individuals and foundations. APS currently receives support from three foundations: the William Townsend Porter Foundation, the S&R Foundation, and the Novo Nordisk Foundation.

The APS membership is stable, but there is increasing interest in the Society's new Fellows Program that is designed to acknowledge noteworthy scientific and professional accomplishments, as well as APS leadership and service. At present, there are approximately 200 Fellows of APS (FAPS), and each of you are encouraged to consider applying for Fellow status or nominate someone you think would qualify for Fellowship status.



APS President Jane Reckelhoff, President-Elect Dennis Brown, and Lynell Golden present the Arthur C. Guyton Educator of the Year Award to Thomas Schmidt



APS President Jane Reckelhoff, President-Elect Dennis Brown, and Erica Dale (TAC Chair) present the Dale Benos Early Career Professional Service Award to Patricia Silveyra

(APS, ASBMB, ASPET, ASIP, and AAA) will be holding a strategic planning meeting at the end of May to discuss how to restructure the meeting to best serve the members of each of our societies, and also to create a scientific program that draws upon the expertise of each of our disciplines. The integration of the programming will help strengthen the meeting and enable us to move forward. This planning meeting will also help us to identify venues for the joint meeting in the future.

Reckelhoff said the good news is that the Society is financially strong with an annual budget of \$20 million, which will allow us to allocate the funds needed to implement a new strategic plan. The Society also has an endowment of over \$15 million, which supports many

The APS Publications program remains the strength of our operations, with 15 scientific journals and a book monograph book series published with Springer. Three of the journals will be receiving new editors before EB 2018: Sue Bodine becomes EIC for *Journal of Applied Physiology* as of July 1, 2017 (replacing Peter Wagner), Rory Morty becomes EIC for *AJP-Lung* (replacing Sadis Matalon), and Sadis Matalon becomes EIC for *Physiological Reviews* as of January 1, 2018 (replacing Dennis Brown). We would like to welcome the new editors and thank the outgoing editors for their service to APS journals.

Although it is always exciting to welcome new editors to our journals, this year we have more excitement. We will be moving our journals to a new online platform. After over 20 years with HighWire Press, the Society will be moving the journals to Atypon, with new journal websites and enhanced features. We hope you like the new platform, which will go live January 2018.

The Publications program has also taken on the issue of data reproducibility and the promotion of transparent reporting. Transparent reporting will focus on animal experimentation, antibody validation, adequate descriptions of experimental details in figures and legends, and the public deposit of software for articles based on original computer simulations. In addition, the journals will be publishing articles focused on the

the future through the undergraduate summer research fellowship program and through PhUn Week.

The APS Science Policy program focuses on research funding and the humane use of animals in research. We hope that each of you are on the mailing list for information from the Science Policy program since each of us needs to be an advocate for science. As you are aware, Saturday, April 22, was not only the start of our annual meeting but it was also the date for the March for Science, which was held in Washington, DC, here in Chicago, and over 400 other sites nationally and internationally. We have to make sure that the March is not just a one-time event but the start of advocacy on the part of the scientific community and APS membership. Please use the URL www.experimentalbiology.org/speakup to contact your elected representatives to urge them to pass the 2017 appropriations bill from which NIH will get an additional \$2 billion, and to pass the 2018 appropriations bill, supporting an increase in funding for NIH, NSF, and the other science agencies.

Reckelhoff reported another challenge facing the Society relates to FASEB. As a founding member of FASEB, the APS is supportive of FASEB and its mission. Since its founding in 1912, FASEB has grown from 4 societies to 30 societies, representing over 125,000 scientists. As such, it provides us with a large and active voice in support of research and basic science, in particular, on Capitol Hill. However, as of late, FASEB has been undergoing some upheaval as a result of the departure of its Executive Director, Guy Fogelman, and the decision to sell its campus in Bethesda. As a result, the APS will be moving to a new location in mid-2018, hopefully with some of our sister societies. A final decision on the location of our new home should be announced shortly.

Reckelhoff reminded members of the upcoming APS meetings to be held in 2017. APS will be holding three conferences this year:

- **August 11-14:** *Cardiovascular Aging: New Frontiers and Old Friends* in Westminster, CO.
- **August 27-30:** *Mitochondria from Bench to Bedside* in San Diego, CA
- **November 6-8:** *Physiological and Pathophysiological Consequences of Sickle Cell Disease* in Washington, DC



APS President Jane Reckelhoff and President-Elect Dennis Brown present the Beverly Petterson Bishop Award to Paul Marvar

proper experimental design and statistical analyses needed for data sets.

The Education Department continued its efforts this year to help our members become better educators and mentors. The Society has four awards designed to recognize excellence in mentoring, teaching, and service. In addition, there are awards and programs to support physiologists in training from professional skills training courses through fellowships. At this year's meeting, we recognize the Society's 50-year history of promoting the training of underrepresented minority students through the Porter Physiology Development Program. In addition, the Society has been building for

The 38th World Congress of the International Union of Physiological Sciences will be held August 1-5, 2017 in Rio de Janeiro.

Reckelhoff said Mari Hopper, the Chair of the Chapter Advisory Committee, made a request to remind members of the Physiology Chapters Program. Nine chapters had scientific meetings in the past 6 months, with almost 1,000 attendees and almost 500 presentations, mainly by young physiologists. Mari says, "Some state chapters are still in their infancy and are actively looking for member support to help grow. If you, as APS members, are interested, please get involved. There are opportunities for everyone."

Reckelhoff reported that the annual meeting closes on Wednesday with the Nobel Prize Lecture by Dr. Louis Ignarro. The lecture was followed by the closing party and the "Battle of the Bands" starring GI Distress and the Third Reviewers.

Reckelhoff thanked Martin Frank for his support while she was President. She said that she has been friends with Marty for over 25 years. She noted that, although we do not always agree on everything, that was okay because not all scientists agree on everything. However, they have developed a close relationship and trust that was not apparent before her presidency. She noted that Frank manages an awesome staff, which has been instrumental in helping her accomplish the things that were important in advancing the Society. The APS staff is critical to the success of the Society.

With that, Reckelhoff expressed her thanks for the opportunity to serve as APS President before moving on to recognizing the recipients of the Society's various awards. APS annually makes about 400 awards for about \$1.2 million. Most of the awards are listed in the Business Meeting Agenda Book.

IV. 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 2017 Daggs Awardee is Kim Barrett, APS Past-President, Distinguished

Professor of Medicine of the University of California, San Diego.

Kim Barrett, a native of the United Kingdom, obtained her BS and PhD degrees from the Department of Chemistry at University College London. Following a postdoctoral fellowship at the National Institutes of Health, she joined the faculty of UCSD School of Medicine in 1985 and rose to her current rank of Professor of Medicine in 1996, and is now a Distinguished Professor of Medicine. In 2006, she was appointed as Dean of the Graduate Division at UCSD.

Her research interests center on the normal and abnormal biology of the intestinal epithelium and their relevance to a variety of digestive diseases,



APS President Jane Reckelhoff and President-Elect Dennis Brown present the Giles F. Filley Memorial Award to Mehendra Damarla

including inflammatory bowel diseases, infectious diarrheal diseases, and peptic ulcer disease. Barrett has been recognized for her contributions with a number of awards, including a Science and Engineering Research Council Research Scholarship, Fogarty Visiting Fellowship, Fulbright Traveling Scholarship, the Young Investigator Award of the American Gastroenterological Association and Gastroenterology Research Group, the APS Henry Pickering Bowditch Award, a Kaiser-Permanente Award for Excellence in Teaching, Doctor of Medical Science, honoris causa, from Queen's University Belfast, the APS Davenport Lectureship, election as a Foreign Member of the Swedish Royal Society of Sciences, the AGA

Outstanding Women in Science Award, the APS Bodil Schmidt-Nielsen Distinguished Mentor and Scientist Award, the Distinguished Administrator Award from the Graduate Student Association at UC San Diego, and the Partner in International Education Award from the UC San Diego International Center.

Kim has been highly active in editorial activities as well as other aspects of peer review. She served as Editor-in-Chief of *American Journal of Physiology – Cell Physiology*, among other editorial roles, and is currently on the Editorial Board of *Physiological Reviews* as well as serving as Editor-in-Chief (for The Americas) of *The Journal of Physiology*. She has served as a permanent NIH study section member and on review panels for the National Center for Complementary and Alternative Medicine.

Cell and Molecular Physiology Section (ex officio), as APS representative to the FASEB Excellence in Science Award Committee and on the *FASEB Journal* Editorial Board, on the Awards Committee, as Chair of the Committee on Committees, as vice-chair of the Publications Committee in charge of ethical issues, on the Nominating and Finance Committees (ex officio), on the Publications Taskforce, and as a faculty member at every Professional Skills Workshop on Writing and Reviewing for APS Journals since their inception in 2006.

B. Arthur C. Guyton Educator of the Year Award

The Arthur C. Guyton Physiology Educator 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



APS President Jane Reckelhoff and President-Elect Dennis Brown present the Arthur C. Guyton Award to Justin Grobe



APS President Jane Reckelhoff and President-Elect Dennis Brown present the Lazaro J. Mandel Young Investigator award to Prabhleen Singh

She is chair of the International Scientific Advisory Board for the School of Biosciences at the University of Cardiff, UK, and the Scientific Review Committee of the Center for Gastrointestinal Biology and Disease at the University of North Carolina, Chapel Hill.

Barrett has been actively involved with the APS essentially for the entirety of her professional career. She has served the Society in many capacities, including President of the Society in 2013-2014. Her important role in APS publications as Chair of the Publications Committee was mentioned above. She also served as councilor, a member of the Nominating Committee of the GI Section, as member and chair of the Women in Physiology Committee, on the Steering Committee of the

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 Thomas Schmidt of Roy J. and Lucille A. Carver College of Medicine, University of Iowa. Lynelle Gordon assisted President Reckelhoff in presenting the award.

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 Silveyra (Penn State College of Medicine) as the 2017 Awardee. Erica Dale, 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

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 Paul J. Marvar (George Washington University).

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



APS President Jane Reckelhoff and President-Elect Dennis Brown present the The Shih-Chun Wang Young investigator award to Jin O-Uchi



APS President Jane Reckelhoff, President-Elect Dennis Brown, and Terrence Haas present the Dean Franklin Young Investigator Award to Aaron Polichnowski

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, Young C. Jang (Georgia Technology).

E. Beverly Petterson Bishop Award for Excellence in Neuroscience

The Beverly Petterson Bishop Award recognizes excellence in neuroscience/neurophysiology research.

this year's awardees, Mehendra Damarla (John Hopkins University) and Tatum Simonson (University of California, San Diego). Tatum Simonson was unable to attend the meeting.

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 function. The award is for \$30,000 and is