Joint Program Committee

Experimental Biology 2013
The 2013 EB Meeting was held in Boston, April 20-24. The scientific and poster sessions were well-attended and overall enthusiasm for the meeting remains high. The other participating societies included: ASPET (pharmacology), ASN (nutrition), ASBMB (biochemistry), ASIP (pathology) & AAA (anatomy). The APS hosted five guest societies: The Microcirculatory Society (MCS), the Biomedical Engineering Society (BMES), the American Federation for Medical Research (AFMR), the Society for Experimental Biology and Medicine (SEBM), and The Physiology Society (UK).

The meeting opened with several unique sessions on Saturday including the traditional Refresher Course—Immunology for the Physiologist. APS sponsored two unopposed Techniques and Technology in Physiology Workshops on Saturday entitled: Rodent Experimentation and Bioinformatics, and Modeling 101: How to Use Your Office Computer for Discovering/Modeling Physiological Networks of Your Favorite Genes. Also on Saturday, The Walter B. Cannon Memorial Award Lecture was presented by Michael Joyner, Mayo Clinic.

The Henry Pickering Bowditch Memorial Award Lecture was presented by Johnathan Tune, Indiana University School of Medicine. During the week, 12 section-sponsored Distinguished Lectures were presented. APS also sponsored four Cross-Sectional Symposia: Emerging Concepts in Understanding Mechanisms of Diabetes; Emerging Concepts in AMPK Function; Recent Advances in Understanding Mechanisms Regulating Breathing During Exercise; and Tissue Engineering of Epithelial Organs: Applications to Physiology and Disease.

The APS President’s Symposium Series (formerly the Physiology InFocus program) was organized by APS President Susan Barman and focused on the theme “From Animals to Human Models of Disease”. The program consisted of three symposia and one lecture which included Eating Disorders; Lessons from New Animal Models of Cystic Fibrosis; and Animal Models of the Irritable Bowel Syndrome: Basic and Translational Implications. The Nobel Prize in Physiology or Medicine Lecture was presented by Linda Buck, Fred Hutchinson Cancer Research Center.

There were ~1000 more paid scientific registrants in attendance compared to the EB12 meeting, including 1673 in the High School Student/Teacher and Undergraduate Student categories, an increase of about 100 from 2012. However, there were 85 less exhibitors continuing a trend of fewer companies paying to exhibit at EB meetings.

APS programmed 356 sessions in total: 215 poster sessions, 70 symposia, 46 featured topics, 17 lectures, two workshops, one refresher course, two awards sessions, and three special sessions. The programming continued to be organized using the Clustering of Sectional Programs for the third year.

Experimental Biology 2014
The JPC met to begin organizing EB 2014 (April 26-30, 2014) in San Diego, CA. The JPC began scheduling rooms by day and time for the platform sessions, and, at the same time, tried
to minimize scientific overlap. The number of APS posters programmed for Wednesday will be maintained lower than other days to optimize the time provided for individual poster discussion.

Two Techniques and Technology workshops will be scheduled on the first day of EB 2014; *Computational Modeling* and *Translation of Cardiovascular Endpoints across Species*. Both workshops will feature a dedicated webpage with detailed information and links to additional resources.

The President’s Symposium Series—*Multiscale Physiology: Linking Cellular and Molecular Insights to the Health of Organisms and Populations*—will feature a series of three symposia and a Nobel Lecture including *Early Life Origins of Adult Disease; Life at Extremes: Adaptations to Diverse Challenges to Normal Homeostasis; Physiological Relevance of the Intestinal Microbiome: Moving Beyond the Gut*; and a Nobel Lecture in Physiology or Medicine featuring Bruce Beutler, Univ. of Texas Southwestern Medical Center.

As is customary, the meeting will also feature sessions organized by the APS Publications, Careers in Physiology, Science Policy, Women in Physiology, Trainee Advisory, Physiologists in Industry and Education Committees.