



# APS: Environmental & Exercise Physiology Section Newsletter

Volume 27

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### **1. Congratulations to the 2006 EEP Award winners:**

#### New Investigator Awards:

Jian Cui, Pennsylvania State University College of Medicine  
Espen Spangenburg, University of Maryland

#### Postdoctoral Awards:

GATORADE BEGINNING INVESTIGATOR: Josef Brandauer, Joslin Diabetes Center-Harvard University  
MILITARY PHYSIOLOGY: Caitlin Thompson-Torgerson, Pennsylvania State University  
GRAVITATIONAL PHYSIOLOGY: Joseph M. McClung, University of Florida  
RECOGNITION: Deborah L. Enns Wilfrid, Laurier University  
RECOGNITION: Tamara L. Mau University of California, Berkeley  
RECOGNITION: Eric B. Taylor, Joslin Diabetes Center, Harvard University

#### Predoctoral Awards:

GATORADE YOUNG INVESTIGATOR: Sharon L. Casperson, University of Texas Medical Branch Galveston  
MILITARY PHYSIOLOGY: Eileen M. Weinheimer, Ball State University  
GRAVITATIONAL PHYSIOLOGY: Hyo-Bum Kwak, Texas A & M University  
RECOGNITION: Gregory C. Henderson, University of California, Berkeley  
RECOGNITION: Lacey Holowatz, Penn State University  
RECOGNITION: Dhanashri D. Kohok, Univ. of North Texas-HSC  
RECOGNITION: Adeel Safdar, McMaster University

### **2. New members of EEP Steering Committee: Sam Chevront , Robert Roach and Lacy Holowatz**



Samuel S. Chevront, Ph.D., Research Physiologist, US Army Research Institute of Environmental Medicine, was elected to serve as Councilor for Thermal Physiology and agreed to assume EEP Secretary / Treasurer responsibilities.



Robert Roach, Ph.D., Professor, University of Colorado Health Science Center, was elected to serve as Councilor for Environmental Physiology.



Lacy A. Holowatz, Ph.D., The Pennsylvania State University will serve as Trainee Representative.

### **3. Know Your Steering Committee**

The following individuals were elected to serve your interests. If you have any program or other ideas / concerns regarding APS and EEP issues please do not hesitate to contact the following:

Chair: - Michael N. Sawka (508) 233-5665

Joint Program Committee Representative - P. Darrell Neuffer (252) 737-1551

Exercise Physiology Councilor - David A. Hood (416) 736-2100

Exercise Physiology Councilor - Scott William Trappe (765) 285-1145

Environmental Physiology Councilor - Vincent J. Caiozzo (949) 824-7752

Environmental Physiology Councilor - Robert C Roach (303) 724-1670

Thermal Physiology Councilor - Samuel N. Cheuvront (508) 233-5607

Thermal Physiology Councilor – Lisa R. Leon (508) 233-4862

Committee-on- Committees Representative - Michael C. Hogan (619) 534-2773

Trainee Advisory Representative - Lacy M.A. Holowatz (814) 863-2948

International Committee Representative - Mark Hargreaves 61-3 83445820

(619) 534-2773

Liaison with Industry - Jeff Zachwieja (847) 304-2061

### **4, EB, EEP Section Steering Committee & Business Award Reception News**

Jack Boulant presented the 2007 E.F. Adolph Lecture. Dr. Boulant's lecture provided a synthesis of the neural control of thermal regulation characteristic of the experimental mastery, mechanistic insights and scholarship evident in his research. It was an outstanding lecture and well attended.

## EEP Section Steering Committee Meeting:

Ron Terjung announced that the next Integrative Biology of Exercise Meeting was approved for September 2008 for a location in the Southeastern United States.

Jerry Dempsey (editor) reported on the status of the Journal of Applied Physiology. The journal has placed greater emphasis on “significant physiological advances” as a criterion for acceptance. As a result, the acceptance rate has decreased from ~40% to ~30%. The High-Lighted Topics and the Point-Counterpoint papers have been well-received and have topics assigned into 2008. Dr. Dempsey encouraged younger investigators to become involved in Point-Counterpoint papers and welcomes suggestions. He emphasized the importance of the journal to reflect the research topic interests of EEP, and thanked members for their support.

APS Council established Task Forces (from 2006 Strategic Plan) to examine Financial, Conference, Meetings and Governance issues and interim reports were provided and discussed. Below is a brief synopsis.

- Financial Task Force: APS will hire a consultant to identify development opportunities and launch programs to increase revenue streams. Sections will be encouraged to be proactive in the use of this new resource.
- Conference Task Force: Will be separate from Joint Program Committee (JPC) and not section driven. The mandate of the new Conference Committee is to review proposals, identify topics and work with Section leadership to insure program balance and market conferences.
- Meeting Task Force: This Task Force will evaluate programming for the APS-Experimental Biology meeting and propose changes. Four possible strategies were recommended. Strategy 1: Joint Program Committee (JPC) continues to solicit program ideas from sections and Interest Groups (bottom-up), but would initiate broader top-down programming. Strategy 2: JPC will incorporate translational research throughout EB meeting to attract clinical scientists and educate attendees on clinical relevance of research. An annual translational lecture will be added – “Physiology and Medicine lecture”. Strategy 3: More opportunities for oral presentation of research from graduate students, post-docs and young investigators. This will be accomplished by decreasing the number of symposia (from 42 to 33) and increasing the number of Featured Topics (from 41 to 50). Featured Topics would be limited to one invited speaker. Strategy 4: recommendation to increase international representation at EB by including one international speaker per symposia (with \$500 made available to fund travel costs), include international speakers for Section Distinguished Lectureships, encourage exchange of symposia with international societies, and encourage financial support for young investigators from abroad.
- Governance Task Force: Recommendation to retain current size and structure of Council. Task Force asked if Section Advisory Committee (SAC) interested in changing its current Section and Interest Area structure (any interest in combining), requested that Sections review their respective Statements of Organization and Procedures (EEP SOP was last updated in August 1998), and that each APS member be allowed to have primary membership in all Sections they affiliate.

The SAC Task Force Interim Reports were discussed with respect to their potential impact on EEP. Discussions focused on impact of a possible reduction in symposia and multiple primary Section memberships. The suggestion of multiple primary membership raised considerable concern, as this would have impact the Section ability to retain autonomy with respect to

developing a balanced program and serving the membership. It was agreed that both actions would be detrimental to EEP membership. It was agreed that the primary challenge was having adequate programming for environmental, thermal and exercise interests at EB meetings. In addition, discussions focused on creative approaches to increase programming for EEP interests to increase attendance at EB.

#### Other News:

NIH Peer Review Process: APS participated in an open house held by the NIH-Center for Scientific Review (CSR) to communicate views on the peer review system. Issues included appropriate expertise on study sections, inclusion of more APS members, and reduction of R01 grant application length. Frank Booth from EEP has taken the lead on this effort and future CSR open houses are planned.

On June 29, 2007 the CSR at the NIH will hold an open house to consider peer review of the following Integrated Review Groups: AIDS and Related Research (AARR), Infectious Diseases and Microbiology (IDM), Oncological Sciences (ONC) and Surgical Sciences, Biomedical Imaging and Bioengineering (SBIB). For information on how to submit comments or attend the Open House, please contact APS Science Policy Analyst Rebecca Osthus (rosthus@the-aps.org).

Post-Doctoral Fellowship Bridge Program: APS Council announced a one-time postdoctoral fellowship initiative designed to support up to 10 APS members who have narrowly missed funding at NIH. The Council will consider applications from APS members working in the laboratories of established APS members who have received priority scores in the range of 100-200 and just missed the NIH institute pay-line. The deadline for applications will be August 1, 2007 and January 2, 2008. Details can be found on the APS website.

Author's Choice Open Access (OA) Option: Concerns about efforts of funding agencies to mandate free access to the scientific literature has prompted the APS to extend its Author's Choice OA Option from Physiological Genomics to all other APS journals effective July 1, 2007. Funding agencies such as the Wellcome Trust, British Heart Foundation, and Howard Hughes Medical Institute have encouraged immediate OA to articles by paying the associated publication costs. The cost associated with APS publication research articles is \$3,000. Since most authors pay approximately \$1,000 in page and color figure charges, the Council has decided to charge an additional \$2,000 should an author and their funding agency want immediate OA for their article.

#### EEP Business and Award Reception:

After providing an overview of the financial state of EEP, Ron Terjung provided certificates of appreciation to outgoing EEP councilors (Mike Hogan, Scott Montain, Scott Powers) and welcomed new councilors (Samuel Cheuvront, Robert Roach) and new EEP chair (Michael Sawka). Charley Tipton provided Ron Terjung a certificate of appreciation for his service to EEP. Awards were presented to pre-doctoral and post-doctoral award winners. Jere Mitchell was presented the EEP Honor Award and he provided a delightful presentation that summarized his career and the many colleagues and students who have contributed to the success of his laboratory. A social hour with complementary buffet and cash bar followed.

## 5. Welcome New EEP Members:

The following new student and regular members are welcomed to the EEP family consisting of over 1300 Primary and Secondary members. Regular Members: Naomi Brooks, Chad Carroll, Marcelo Coertens, Warren Gregson, Wissam Joumaa, Eric Taylor, David Thomas. Student Members: Seung-Soo Baek, Matthew Coutsos, Kim Jong-hee, Dhanashri Kohok, Carrie Sharof, Nathan Jenkins, Orlando Laitano, W. Bradley Nelson.

## 6. In Memoriam: Steve Horvath .....



It is with sadness that we announce the passing of Dr. Steven Horvath, the eminent environmental-exercise physiologist, who died on March 21, 2007 at the age of 96 years. Dr. Horvath was born in Cleveland, Ohio, on September 15, 1911. In 1930 he enrolled at Oberlin College to study chemistry and after one year transferred to Miami (Ohio) University where he earned a B.A. degree in chemistry and physical education in 1934 and an M.S. in physiology in 1935. After two years at Ohio State University (1935-1937), he went to Harvard University, earning a Ph.D. in physiology and biology in 1942. As a student, Horvath held research and teaching assistantships at the Woods Hole Biology Laboratory and Miami (Ohio) University. At Harvard, he worked in the Fatigue Laboratory under the direction of David Bruce Dill, whose daughter, Elizabeth, Horvath married in 1940. In the 1940s and 1950s, Horvath held a variety of medical research and teaching positions: director of physiological research at the Massachusetts State Hospital for the Insane (1939-1942); faculty member of the University of Pennsylvania and the State University of Iowa (1949-1958); and, head of the Department of Physiology at Landenau Hospital in Philadelphia (1958-1961). He was a visiting professor at the University of Copenhagen, Denmark, in 1958-1959 and at Jefferson Medical College in 1959-1961. In 1961 Horvath joined the faculty of the Department of Physical and Health Education at the University of California, Santa Barbara, where he helped establish the Institute of Environmental Stress and served as its director (1962-1984). Horvath also worked on the proposal to establish the Center for Aging Research at UCSB. Dr. Horvath wrote a book on the Harvard Fatigue Laboratory and authored >550 books, chapters and scholarly articles (with three still in preparation). Dr. Horvath desired that a travel fund be set up for graduate students from institutions with limited research funds to provide the opportunity for the presentation of their scholarly work at American Physiological Society meetings. The Steven M. Horvath Travel Award is being established to accomplish this goal.