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1. EEP Section is Good for Trainees----Congratulations to these IUPS 2005 Award winners:

Predoctoral Awards:

GATORADE YOUNG INVESTIGATOR: David A. Brown, University of Colorado-Boulder
MILITARY PHYSIOLOGY: Jordan D. Miller, University of Wisconsin
GRAVITATIONAL PHYSIOLOGY: Damian Dyckman, Penn State University
RECOGNITION: Steven Bloomer, University of Iowa
RECOGNITION: Jessica C. Taylor, University of Missouri

Postdoctoral Awards:

GATORADE BEGINNING INVESTIGATOR: Jeffrey S. Otis, Emory University
MILITARY PHYSIOLOGY: David Wright, Washington Univ, St. Louis
GRAVITATIONAL PHYSIOLOGY: Shizue Masuki, Mayo Clinic
RECOGNITION: Alexandre A. Steiner, St. Joseph’s Hospital-Phoenix
RECOGNITION: Tarek M. Mousa, University of Nebraska

In addition, Marcella Raney, University of Southern California, should be congratulated for receiving an APS tumSuden-Hellebrandt Award.

2 IUPS 2005 March 31st (PM) through April 5th, 2005 San Diego, CA

Jack Boulant to Receive the EEP Honor Award

Erik Richter to present The Adolph Lecture on Sunday 3:00 PM

Note: EEP Business mtg/Reception: 6:00 PM Sunday April 3rd, Marriott Hotel, San Diego A
3. **EEP New Investigator Awardee:**

Christopher T. Minson, Asst Prof. University of Oregon should be congratulated for receiving the *EEP New Investigator Award.*

4. **Adolph Lecturer Luncheon**

Graduate Student and Post Docs are invited to attend a luncheon with Dr. Erik Richter, who will deliver the 2005 Adolph Lecture (see above). Luncheon Time: 12:15 PM Sunday April 3rd, Marriott Hotel, Mission Hill room. While seating is limited, there are still openings for a few trainees. Please contact: Ron Terjung (TerjungR@missouri.edu) to see if available.

5. **Election of New EEP Steering Committee Members**

Lisa R. Leon, Research Scientist, US Army Research Institute of Environmental Medicine, will serve as *Councillor for Thermal Physiology* on the EEP Steering Committee for the next three years.

David A. Hood, Professor, York University, will serve as *Councillor for Exercise Physiology* on the EEP Steering Committee for the next three years.

6. **Successful Austin Meeting: Integrative Biology of Exercise-2004**

By all accounts, the *Integrative Biology of Exercise* Meeting held in Austin Texas on Oct 6-9, 2004 was a resounding success. This Meeting was an initiative out of the EEP Section through the sponsorship of APS, and the American College of Sports Medicine and the Canadian Society for Exercise Physiology as affiliated societies. The program was made possible by financial support from: NASA, US Army Research Institute of Environmental Medicine, NIAMSD, the Gatorade Sports Sciences Institute, and Pfizer.

The program was strong, thanks to the efforts of a superb Organizing Committee and the contributions of excellent speakers. There were 606 registered attendees, including 282 trainees (graduate students and postdocs). In addition to the well-attended symposia, there were 337 abstracts discussed with authors over the mid-day periods. Again, the EEP Section was good for pre- and post-doc trainees and wishes to recognize the following individuals for their Research Excellence Awards:

**Predoctoral awards:**
- Eric B. Taylor
- Chad Hancock
- Anne Cecile Durieux
- Soo Kim

**Postdoctoral awards:**
- R. Andrew Shanely
- Takayuki Akimoto
- Carol A. Witczak

Brigham Young University
University of Missouri
Unite PPEH, France
University of California-Los Angeles
University of Missouri
Duke University
Joslin Diabetes Center
In addition, the following received the APS Porter Fellowship Awards:

- Christopher Mendias, University of Michigan
- Phillip Palmer, Meharry Medical College
- Rhonda Prisby, Texas A & M University
- Karma Rabon-Stith, University of Maryland
- James Recinos, California State Univ-Northridge
- William Richards, Ohio State University
- Alberto Vallejo, University of Southern California

EEP looks forward to developing another Integrative Biology of Exercise meeting for 2008!

7. In Memorium:

Harold Theodore (Ted) Hammel
May 8th, 1921 – February 24th, 2005

World physiology, especially Environmental and Thermal Physiology, just lost one of its most important and prominent practitioners. Harold T. (Ted) Hammel, Ph.D., died on February 24, 2005, at age 83, in Bloomington, IN. At the time, he was still an active and very engaged researcher and educator, having converted the basement of his house into a physiological laboratory and serving as Adjunct Professor of Physiology and Biophysics as well as of Biology at Indiana University, Bloomington. Indeed, his obvious joy in talking and doing science was very contagious, and he stimulated many a young physiologist over the years to “go further”. He had come to Bloomington, near his hometown of Huntington, in 1988, after 21 years with Per (Pete) F. Scholander at the Physiological Research Laboratory of the Scripps Institution of Oceanography in La Jolla and as Professor of Physiology at the University of California, San Diego. Before this, he had been Research Fellow at Yale University’s John B. Pierce Foundation Laboratory, arriving there in 1961 with James (Jim) D. Hardy in whose department at the University of Pennsylvania School of Medicine he had served for the preceding 8 years. That had been his first position after earning his Ph.D. in Zoology in 1953 at Cornell University. It was his preceptor there, Dr. Donald Griffin, who awakened Ted’s interest in biology, particularly biophysics (physics had been his undergraduate major at Cornell) and, subsequently, discussions with Jim Hardy, whom he met while conducting fieldwork as a graduate student in Alaska, that excited his lifelong research in temperature regulation. Similarly, it was his later fieldwork with Pete Scholander that stimulated his other life-long interests, osmotic pressure and sap pressure in trees.

Dr. Hammel’s contributions to thermoregulation were multiple, significant and heuristic. Among them, three series of studies stand out especially, the first because its results have framed our current concept of temperature regulation as a multiple-input/multiple-output feedback system (see essay by Mack, JAP, 97:1593-4, 2004), and the second because it fully and meticulously described the strategies developed by humans living in diverse, extreme climates around the world to cope with their environment (reviewed by Hammel, Hdbk Environ Physiol, p., 1964). It was during one of these field studies that he also undertook work, in collaboration with Dr. Eckhart Simon, on the third series of his major contributions, the thermo- and osmoregulation of the Adelie penguin. This grew into a 3-6 months/year, 12-year long, formal association as an External Scientific Member of the Max Planck Institute for Physiological and Clinical Research in Bad Nauheim, Germany.

Dr. Hammel published over 200 papers over his career, his last one a review in 2004, in Cryobiology (48:309-21). His extensive work in the area of osmosis and capillary fluid exchange was summarized in FASEB J. 13:213-31, 1999.

It may not be generally known that, remarkably, before becoming a physiologist and while he was a graduate student in nuclear physics at Cornell, during WWII, Ted worked with the Los Alamos Omega Group under Enrico Fermi and Otto Frisch in the assembly of the uranium and plutonium bombs.

Dr. Hammel was a member of the American Physiological Society, American Physical Society, American Society of Mammalogy, American Society of Plant Physiologists, the American Association for the Advancement of Science, and the Norwegian Academy of Science and Letters (honorary).

Dr. Hammel leaves his wife, Dorothy, and two daughters. We will all greatly miss him and his enthusiasm and always remember him fondly and gratefully.

Clark M. Blatteis, Ph.D.