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1. EB 2007 April 28th through May 2nd in Washington D.C.

Note: Predoc and Postdoc Trainees: Eight Research Awards (cf., Pg 3)
EEP Section Awards/Social will be: 6:00 PM Monday April 30th, Marriott Hotel
Selected Program sessions that should be of interest to EEP members: cf. Pg 4

2. Jere H. Mitchell, M.D., to Receive the 2007 EEP Honor Award

The EEP Section is pleased to announce that Dr. Jere H. Mitchell, Professor of Internal Medicine, Physiology, and the Carolyn P. And S. Roger Horchow Chair in Cardiac Research, University of Texas Southwestern Medical Center, Dallas TX, will receive the EEP Honor Award for 2007. Dr. Mitchell is an internationally renown investigator and scholar who has made landmark contributions to our understanding of the neural control of the circulation, the cardiovascular response and adaptations to exercise, and the control of left ventricular function. He has contributed over 330 publications, averaging nearly 7 publications per year over his esteemed career! His research has been continuously supported by one of the longest funded grants from NIH. Among his many fundamental contributions in the control of CV function, Dr. Mitchell is instantly recognized for his critical studies defining CV deconditioning during bedrest and the subsequent recovery during training. Dr. Mitchell has been an Established Investigator of the AHA, received a Research Career Development Award from NIH, a Citation and Honor Award from the ACSM, the Carl J. Wiggers Award from the CV Section, APS, and a Doctores Medicinae Honoris Causa from the University of Copenhagen. Dr. Mitchell is held in exceptional regard by the scientific community. The EEP Section of APS is pleased to recognize Dr. Mitchell with this Honor Award. The Award will be made at 6:00 PM on Mon April 30th at the EEP Awards/Social Event. Please come to help us celebrate our revered colleague.
3. The Adolph Lecture at EB 2007: Dr. Jack Boulant

Jack Boulant, PhD, the F.A. Hitchock Professor of Environmental Physiology at the Ohio State University School of Medicine, and recipient of the 2005 EEP Honor Award, will present the 2007 Adolph Lectureship. Dr. Boulant earned his PhD. From the University of Rochester, was a postdoc at the Pierce Laboratory, Yale University, and for the past 27 years has contributed seminal studies evaluating the role of the hypothalamus in body temperature regulation. Dr. Boulant’s lecture will no-doubt provide us with a synthesis of the neural control of thermal regulation characteristic of the experimental mastery, mechanistic insights and scholarship evident in his publications. The 2007 Adolph Lecture will be help on Monday April 30th (time to be determined).

4. Grad Students & Postdocs Invited to The Adolph Lecture Luncheon

Graduate Students and Postdoctoral Trainees attending EB2007 are invited to attend a luncheon to meet with Dr. Boulant, who will deliver the 2007 Adolph Lecture

Time: 12:00 Noon Monday April 30th
Where: APS headquarters hotel (Washington Marriott; specific room to be determined
Contact: Ron Terjung (TerjungR@missouri.edu) to make reservations (limited to the first 20!)

5. J. Appl. Physiol. -- Point/Counter Point topics solicited

Dr. Jerry Dempsey, Editor-in-Chief of the Journal of Applied Physiology has initiated a successful series of point: counterpoint articles to the Journal. We invite members of the EEP section to submit their suggestions for future point: counterpoint debates. Please send the statement you wish to have debated and potential authors for each side of the debate. We advise you to communicate with potential participants in order to carefully define the problem to be debated and to devise wording of the statement. We also encourage you to consider yourself (and colleagues and/or students) as authors. Please put some thought into this topic and send ideas to Jerry Dempsey, Editor-in-Chief, at jdempsey@wisc.edu. We look forward to receiving your ideas. For further information see: www.the-aps.org/publications/specialcalls/jappl.htm

6. EB 2007 -- Program Items of Interest

The EEP Honor/Social Event is scheduled for Monday April 30th at 6:00 PM in the Marriott Hotel. The brief business meeting will focus on the presentation of Awards given by our Section, including: the predoctoral, postdoctoral trainee, and young investigator awards, and recognition and celebration of the achievements of the EEP Honor Awardee. Immediately following will be an informal social gathering with hors d’oeuvres and associated beverages, including a cash bar. See you at the Marriott---

While exact dates and times for scheduling are not available at this time, your attention is directed to some of the forthcoming sessions that should be of interest to EEP Section members:

Symposia:

• Insulin Resistance & the Cardiometabolic Syndrome: Adipose Tissue & Skeletal Muscle
  J.R. Sowers and C.S. Stump
• Exercise Hyperemia: Are There Answers Yet? M.J. Joyner
• Functional Imaging of Autonomic Circuits: J. Potts & R. Rogers
• Heart Failure and Exercise: Autonomic and Cardiovascular Responses.
  C. Crandall and L. Sinoway
• Mechanotransduction Mechanisms of Muscle Hypertrophy: M.M. Bamman
• Muscle Mechanics: Molecular Properties to Contractile Function. K. Campbell
Symposia (con’t):

• New Horizons in Cardiovascular Aging.
  G. Kaley and Z. Ungvari
• What Have We Learned about Respiratory Control from the Use of Transgenic Models?
  J.A. Neubauer and C. Gaultier
• Metabolic Sensing & Signaling (ASBMB)
  J. Rutter
• Mitochondria in Health and Disease (ASBMB)
  E.D. Abel
• Aging and Metabolism (ASBMB)
  P. Puigserver
• Vascular Adaptations (AAA)
  R. Tomanek

Adolph Distinguished Lectureship:
• Jack A. Boulant

Featured Topics:

• Activity-Dependent Gene Regulation
  D. Hood
• Energy Balance, Cancer and Diabetes
  . T. Nosek
• Hypertension: Integrated Mechanisms
  G. Navar and J. Granger
• Muscle Fatigue
  J-M. Renaud
• Neural Control and Autonomic Regulation.
  C. Madden and D. Sartor
• Phenotype and Functional Plasticity of Pulmonary Airway & Vascular Smooth Muscle
  A.J. Halayko and K. Stenmark
• Role of ATP Receptors in Respiratory Responses: Point/Counter-Point
  G.D. Funk and E. Gauda
• The Vascular Supply during Aging
  S.S. Segal

7. EB 2007 – Abstract Submission and Competition for Awards

The EEP Section is good for trainees with a significant number of pre- and postdoc awards available. Your are referred to the EEP Awards web site or a description of these 8 awards. It is appropriate to submit your abstract for consideration by one, two or all of the Awards available in each of the pre-doc and postdoc categories (i.e., the Section Recognition, Gatorade, Military, and Gravitational designated Awards). The awards are based upon a judgement of scientific merit made by the EEP Advisory Committee from those abstracts submitted for consideration. It is important to recognize that only those abstracts submitted to EEP-specific abstract categories are eligible for consideration for an EEP Award. Therefore, if you wish to have your abstract considered for an EEP pre- or postdoc award, it is essential to submit your abstract under one of the following EEP categories:

1115-APS Activity-dependent gene expression
1116-APS Current concepts of skin blood flow
1117-APS Altitude and hypoxia
1118-APS Cardiovascular responses to exercise
1119-APS Circadian and biological timekeeping
1120-APS Diving and hyperbaria
1121-APS Exercise metabolism and locomotion
1122-APS Exercise responses and training

1123-APS Fever and hypothermia
1124-APS Gravitational and space
1125-APS Metabolism in muscle
1126-APS Muscle plasticity & gene regulation/expression
1127-APS Responses to physical inactivity
1128-APS Signaling in muscle
1129-APS Temperature regulation & fluid balance

These categories should be considered in their broadest context, especially the Exercise Metabolism/locomotion (1121-APS) and Exercise Responses and Training (1122-APS).
8. APS New Investigator Award

Applications are welcome from all investigators who have made meritorious contributions to the areas represented by the EEP Section, are not above the rank of Assistant Professor or a comparable position in a research track at an academic institution or in industry (e.g. Scientist, Sr. Scientist, Research Investigator, etc.), and are a member of APS in good standing. **Nominations are made by at least two regular members of the APS.** Candidates will be judged on their publications, how the publications relate to the EEP Section and evidence for independence and promise (grant funding, peer review activities, etc.). This is not an abstract-based award; however, awardees are expected to attend EB, the EEP Reception for receipt of the Award, and make an oral or poster presentation.

Attention: **Applications are due by November 8, 2006.** Please see the APS web site for description and instructions.

9. Call for Nominations: EEP Councilors, Honor Awardee, Adolph Lecturer, APS Committee

In order for the EEP Section to represent the interests and concerns of its membership and to promote environmental, thermal, and exercise physiology within the society, it is essential that the EEP Steering Committee maintains dedicated and competent physiologists. We need your assistance in identifying such individuals before the April meeting in Washington, D.C. Specifically we need the following:


- **Nominations for the 2008 EEP Honor Award** (candidate must be at least 60 yrs of age). Past recipients include: Drs. Buskirk, Faulkner, Gagge, Grover, Horvath, R. E. Johnson, Hammel, Hong, Mussachia, Reeves, S. Robinson, Tipton, Senay, Robertshaw, Blatteis, Greenleaf, Boulant, Baldwin, and Mitchell.

- **Nominations for APS Councilors and APS President Elect.**

- **Nominations for EEP Councilors for Thermal Physiology and Environmental Physiology** representatives. Please send your recommendations to Ron Terjung (TerjungR@missouri.edu) as soon as possible. Please include a brief comment for your recommendation; if possible, include a NIH type biosketch for each of your nominees.

10. Call for Program Suggestions for EB 2008

Call for program suggestions for EB2008. This is a good opportunity to become involved in EEP Section program development. Two types of program offerings can be developed:

1) Symposium, and 2) Featured Topics.

**The forms are available online.** It is essential that all the information requested on the form be provided. Send any proposals to P. Darrell Neufer (NEUFERP@ecu.edu) Deadline is **February 1, 2007.**

11. Integrative Biology of Exercise V

The APS Intersociety meeting, *Integrative Biology of Exercise V*, is planned for the Fall of 2008. An Organizing Committee is in the process of developing the program to be submitted to the Program Committee of APS for approval. The first Integrative Biology of Exercise was held in Colorado Springs in 1992, under the able leadership of Peter Wagner. The meeting proposed for the Fall of 2008 will be the fifth meeting in the series that have convened every 4 years. The Organizing Committee expects that the proposed program will continue the success of the past meetings. More information is forthcoming, when available.
12. In Memorium:

**Gary Alton Dudley**  
Distinguished Research Professor,  
University of Georgia

Gary A. Dudley died on September 29, 2006 at the age of 54 after a prolonged bout of cancer. Gary received his BA in Mathematics and Physical Education from Marshall University and his MA and PhD in Exercise Physiology from the Ohio State University. Through his graduate training, Gary gained a real passion for research. This was further strengthened through the early years of his career, as a Postdoctoral Fellow at the State University of New York Health Science Center-Syracuse, and then in 1980 at his first academic position as an Assistant, and then Associate Professor, Department of Zoological and Biomedical Sciences, at Ohio University. In 1987 Dr. Dudley invested 4 years of his career as a Muscle Physiologist, in the Biomedical Operations and Research Office, National Aeronautics and Space Administration, Kennedy Space Center, FL. Then in 1993, after a brief tenure at Marshall University, Huntington, WV, Dr. Dudley moved to the Department of Exercise Science (Kinesiology) at the University of Georgia, Athens, where in 2002 he was honored as a Distinguished Research Professor of the University.

Dr. Dudley conducted a number of seminal studies on muscle adaptations to exercise and the consequences of muscle disuse. He published well in excess of 125 experimental studies that address the complexities of muscle fiber utilization and metabolic responses during exercise, the nature of muscle adaptations, the consequences of muscle disuse, innovative strategies for muscle recovery, and the health-related benefits of exercise. In recent years, Dr. Dudley’s research focused on the consequences of muscle disuse and the means to recover muscle mass, especially in spinal chord injured patients, through his appointment at the Shepherd Center in Atlanta. Dr. Dudley's professional influence has not only been through his research publications, but in a very direct personal way with the students that he taught, the trainees that he mentored, and the colleagues with which he work and collaborated.

In addition to his 25 year battle with chondrosarcoma, Dr. Dudley suffered a catastrophic automobile accident which helped show us admirable facets of his real character. His injuries that left him a coma were expected to result in a permanent inability to ever venture from his bed. However, the tenacious, hard-working and driven nature of Gary brought him to the rehab room day after day, until he was able to stand, care for himself, and earn the freedom provided by a wheelchair. In fact, Gary quickly returned to his passion, his research, with continued submission of manuscripts and grants. It seems almost ironic that Gary would make such good use of the very rehabilitation services at the Shepherd Center that he used in his own research program with others. Remarkably, Gary’s family and friends would never hear him complain, only respond “to how are you doing,” by “not too bad, how about you?” In all, Gary remained appreciative of the gifts that God gave him, especially his loving wife Tammie, and their four children, Kara, Jared, Josh, and Kristen. His passing leaves a significant void in the field of exercise physiology, in those he mentored, in his colleagues and friends, and in his family.

With Great Admiration,
Ron Terjung