Chair’s report

Joey Granger

Final plans for the EB 2006 meeting in San Francisco are in progress. The meeting promises to be very exciting and this newsletter highlights several pertinent events. I encourage all members to attend our annual business meeting and luncheon that will be held on Sunday, April 2, 2006 (see details below). The agenda for our business meeting will include committee reports from the WEH steering committee chairs and presentation of WEH section awards. The annual business meeting and luncheon provides an opportunity for students, fellows, and section members to meet the Distinguished Lecturer-Thomas Coffman, the recipient of the Young Investigator Award-Armin Just, and the APS Research Recognition awardees (Lakshmi Tallam, Carrie Northcutt, and Radu Iliescu).

In closing, EB 2006 is the last meeting I will serve as Chair of WEH section. It has been an honor to serve as Chair for one of the most active sections of APS. I would like to thank all of the WEH steering committee members and regular WEH members for making my tenure as Chair a pleasurable and productive venture. I wish our new WEH Chair, Dr. David Brooks, the best of luck. I am sure he, along with our steering committee, will continue to enhance our section’s commitment to achieving the multiple missions of the American Physiological Society.

TICKETS Available for the WEH Business Luncheon at EB 2006

Sunday, April 2 11:45 AM--1:00 PM  Canton Seafood & Dim Sum Restaurant

Please make your plans NOW to attend the Annual WEH Business Luncheon at EB 2006 that will take place on Sunday, April 2, 2006 at 11:45 am to 1:00 pm. The luncheon will be held at the Canton Seafood & Dim Sum Restaurant, 655 Folsom St., San Francisco, CA (www.cantonsf.com). The restaurant is within easy walking distance of the convention center. There will be a variety of Chinese dishes (seafood, chicken, beef, vegetarian) to choose from at each table. Tickets are available at $15.00/faculty and $5.00/students and fellows. Please email your reservations for tickets to Jennifer Pollock at jpollock@mcg.edu and send a check (if from US bank) by March 24 to Jennifer Pollock, CB 3213, Vascular Biology Center, Medical College of Georgia, Augusta, GA 30912 or bring cash to the luncheon.

APS Trainee Advisory Committee

Sean D. Stocker, WEH Trainee Representative

The APS Trainee Advisory Committee has launched the APS Trainee website at: http://www.the-aps.org/trainees. This website is devoted to the development of trainees (students, postdocs, junior faculty) and provides valuable information about trainee-relevant issues, career planning, funding resources, lab management, and mentoring. If you know of useful information that we can add to this website, please contact me at sean.stocker@uky.edu
Introducing the new Chair of the WEH Section

David Brooks

Dr. David Brooks is currently Vice President of Cardiovascular and Urogenital Biology US at GlaxoSmithKline Pharmaceuticals. He was born and brought up in the London, England and received his education at Queen Elizabeth College, University of London (B.Sc. Physiology) and Southampton University UK (M.Sc. Biochemical Pharmacology, Ph.D. Physiology). He was a postdoctoral fellow with John Claybaugh at the University of Hawaii and Tripler Army Medical Center in Honolulu, Hawaii. Subsequently he was an Assistant Professor, Physiology and Biophysics at the University of Tennessee School of Medicine, Memphis where he worked with Leonard Share. David has also served as an Adjunct Assistant and Associate Professor of Physiology at the University of Pennsylvania School of Medicine, Philadelphia, PA. His research interests have included the mechanisms involved in renal disease, hypertension, preeclampsia and preterm labor. David has been a member of the American Physiological Society since 1983 and has been active in the Water and Electrolyte Section serving as Secretary/Treasurer from 1996 to 1999. He has been a member of the Editorial Board for American Journal of Physiology: Regulatory, Integrative and Comparative Physiology and has held a number of other leadership positions within APS. These have included: Liaison with Industry Committee (1990-95; Chair 94-95), Program Advisory Committee (1994-95), Public Affairs Committee (ex officio 1994-95), Animal Care and Experimentation Committee (ex officio 1994-95), Career Opportunities in Physiology Committee (1998-2000), Fund-raising Task Force (2001-02) and Long Range Planning Committee (2003-05). David resides in West Chester, PA with his wife Jane and has two sons, one at Medical School at Northwestern University, Chicago and one at St. Andrew's University, Scotland.

APS Liaison With Industry Committee

Christine Schnackenberg, WEH LWIC Representative

The APS LWIC is sponsoring a Symposium at EB2006 entitled "Advances in Ion Channel Physiology" on Sunday, April 2 from 10:30 AM to 12:30 PM in the Convention Center, Room 274/276. This symposium will highlight the development and use of novel technologies, and describe the ways in which these approaches are advancing our understanding of ion channel function and transforming the treatment of a variety of diseases. Look for the full program on-line at www.the-aps.org/meetings/eb06/abs/lwic-martin.htm.

The Novel Disease Model Award will be granted to a graduate student and a postdoctoral fellow who submit the best abstracts at EB2006 that describe a novel disease model. The model can be in vitro or in vivo but should clearly emphasize the potential utility of the system for future research related to a disease. The award is $500 for the graduate student and $800 for the postdoctoral fellow and is sponsored by the LWIC.

You're invited! Come meet and eat with your fellow physiologists who are working in the corporate sector. The 6th Annual Liaison With Industry Committee Mixer at EB2006 is on Sunday, April 2, 5:45-7:15 PM in room Pacific A of the Marriott Hotel.
Thomas Coffman, MD  
2006 Ernest H. Starling Distinguished Lecturer  
We are honored to have Dr. Thomas Coffman present the Ernest H. Starling Distinguished Lecture at the 2006 Experimental Biology meeting. Dr. Coffman’s lecture entitled “The Critical Role of the Kidney in Hypertension: Implications for Pathogenesis and Therapy” will be at 8:00 am on Sunday, April 2, 2006. Dr. Coffman will also attend our annual business meeting/luncheon on Sunday, April 2 where he will meet with trainees and WEH members. Dr. Coffman is James R. Clapp Professor of Medicine and the Chief of the Division of Nephrology at Duke University Medical Center. Dr. Coffman graduated cum laude from the University of Pennsylvania and obtained his M.D. from the Ohio State University School of Medicine. He undertook his internal medicine and nephrology training at Duke. A national leader in the field of nephrology, Dr. Coffman is a Councilor of the American Society of Nephrology. He has served on review panels and advisory boards for NIH and AHA, and editorial boards for high profile scientific journals including Cell, Metabolism, and The American Journal of Physiology. Dr. Coffman’s research interests include the renin-angiotensin and prostanoid systems and their role in regulating blood pressure, kidney function, and renal inflammation. His laboratory is supported by grants from the NIH and VA.

Ernest H. Starling Distinguished Lecturers of the Water and Electrolyte Homeostasis Section  
2006 Thomas Coffman, Duke University  
2005 Giuseppe Bianchi, University Vita Salute San Raffaele  
2004 Christopher Wilcox, Georgetown University  
2003 Friedrich C. Luft, Humboldt University, Berlin  
2002 Richard P. Lifton, Yale University  
2001 Richard J. Roman, Medical College of Wisconsin  
2000 Gerald F. DiBona, University of Iowa  
1999 Alan Kim Johnson, University of Iowa  
1998 John Hall, University of Mississippi  
1997 Jurgen Schnermann, University of Michigan  
1996 Allen Cowley, Jr., Medical College of Wisconsin  
1995 Pierre Corvol, College de France  
1994 John Laragh, Cornell University Medical Center

Armin Just, MD  
2006 New Investigator Award in Regulatory and Integrative Physiology  
The New Investigator Award in Regulatory and Integrative Physiology was established to encourage young investigators to continue research careers in cardiovascular, renal, and neuroendocrine integration. The award is presented annually at the business luncheon of the Water and Electrolyte Homeostasis Section to a new investigator who has made important contributions to our understanding of the integrative aspects of cardiovascular, renal, and neuroendocrine physiology in health and/or disease. Dr. Armin Just from the University of North Carolina at Chapel Hill is the 2006 New Investigator Awardee. Dr. Just’s lecture will be presented at 9:00 am on Sunday, April 2. Dr. Just received his doctorate in 1992 in Germany with an internship in physiology and cardiology in Heidelberg. His interest in physiology began when he joined the laboratory of Dr. H.R. Kirchheim in Heidelberg as a medical student in 1988 for his doctoral dissertation on the regulation of erythropoietin. During the Habilitation in the same laboratory he worked on the dynamics of cardiovascular regulation and renal hemodynamics in conscious dogs. In 2000, he joined the faculty at the University of North Carolina at Chapel Hill as Research Instructor with Dr. W.J. Arendshorst, where in addition to studying calcium signaling in isolated microvessels, dynamics of vasoconstrictor responses, and interactions of endothelin receptor subtypes, he expanded his work on the mechanisms underlying renal blood flow autoregulation. His integrative approach to research was recognized by the APS in 2004 by receiving the Arthur C. Guyton Award for Excellence in Integrative Physiology.
Joint Programming Committee
Michael Brands, WEH JPC Representative

EB 2006 PLANNER: This is a list of APS Award Lectures, Symposia, and Featured Topics organized around the Water and Electrolyte Homeostasis Section programming.

April 1, Saturday afternoon
5:45-6:45 PM Walter B. Cannon Memorial Award: Jo Rae Wright. Room 134

April 2, Sunday morning
8:00-9:00 AM Ernest H. Starling Distinguished Lectureship of the APS
Room 104 Water & Electrolyte Homeostasis Section: Thomas Coffman
Lecture title: "The critical role of the kidney in hypertension: implications for pathogenesis and therapy"

9:00-10:00 AM WEH Young Investigator Award Lecture: Armin Just
Room 104

10:30-11:30 AM Carl Ludwig Distinguished Lectureship of the APS Neural Control & Autonomic Regulation Section: Gunnar Wallin

11:45 AM – 1:00 PM *** WEH business luncheon ***
Canton Seafood & Dim Sum Restaurant
655 Folsom St., San Francisco, CA

April 2, Sunday Afternoon

WEH Posters Neural Control of blood pressure and fluid volume homeostasis (1209)
WEH Posters Water & Electrolyte Homeostasis (1212)

2:00-3:00 PM Horace W. Davenport Distinguished Lectureship of the APS
Room 104 Gastrointestinal & Liver Physiology Section: Kim E. Barrett
OR
Room 131 Claude Bernard Distinguished Lectureship of the APS
Teaching of Physiology Section: Dee Silverthorn

3:15-4:15 PM Carl W. Gottschalk Distinguished Lectureship of the APS
Room 135 Renal Section: Peter Igarashi

Room 133 OR
Room 131 CV Featured Topic - NADPH Oxidase vs. Mitochondria: From Where do Vascular Reactive Oxygen Species Arise?
OR
Room 132 CV Symposium - Neurovascular Interactions. Organized by S. Segal

5:45-6:45 PM Henry Pickering Bowditch Award: Ulrich Hans Von Andrian
Room 134
April 3, Monday morning

8:00-10:00 AM WEH Featured Topic - Control of Renal Function and blood pressure in syndrome and diabetes
Room 250/262 Featured Speaker: Karen Griffin. Lecture title: "Renal Consequences of Obesity and the Metabolic Syndrome"

10:30-11:30 AM Robert M. Berne Distinguished Lectureship of the APS
Room 131 Cardiovascular Section: Thomas Hintze

10:30-12:30 AM Physiology In Focus: Integrating Cellular Functions: The Role of the Primary cilium in Cell Proliferation and Kidney Disease.
Room 135 A. Chapman W. Sale
OR
Room 130 NCAR Symposium – Oscillations and Rhythms in the Neural Control of the Circulation. S. Barman, M. Kenney
OR
Room 133 ETG Featured Topic – Epithelial Ion Channels
OR

April 3, Monday Afternoon

WEH Posters Fetal Programming of Cardiovascular and Renal Disease (1208)
WEH Posters Renin-Angiotensin System in Blood Pressure Regulation and Hypertension (1211)

3:15-4:15 PM Edward F. Adolph Distinguished Lectureship of the APS Environmental & Exercise Physiology Section. Kenneth Baldwin
Room 104

3:15-5:15 PM CV Wiggers Award Featured Topic: Pivotal Role of Endothelium in Deranged Vascular Control
Room 130
OR
Room 135 Physiology In Focus: The Lipid in Lipid Rafts: Lipids as Signaling Molecules. H-P. Ma
OR
Room 133 BMES Symposium – Regulation of Leukocyte Recruitment on Inflamed Endothelium. Organized by S. Simon
OR
Room 250/262 NCAR Featured Topic Autonomic Adjustments to Stress in Humans

April 4, Tuesday morning

8:00-10:00 AM WEH Symposium – Melanocyte Stimulating Hormones and Their Receptors. Organized by Michael Humphreys.
Room 252/260 Presenters: Donald F. Steiner, Christian Vaisse, John E. Hall, and Michael H. Humphreys.

10:30-12:30 AM WEH Featured Topic – Sex Differences in Renal and Cardiovascular Disease. Featured Speaker: Chris Baylis.
Room 274/276 Lecture title: "Sex differences in the aging kidney.” Oral program also includes 3-minute highlights from Featured Topic posters.
April 4, Tuesday Afternoon

WEH Posters
Sex Differences in Renal and Cardiovascular Disease
(Featured Topic – 1207)
WEH Posters
Control of Renal Function and Blood Pressure in Metabolic Syndrome and Diabetes (Featured Topic – 1205)

2:00-3:00 PM
Walter C. Randall Lecture on Biomedical Ethics: Randall S. Prather
Room 135

3:15-5:15 PM
History Symposium - The Obesity Epidemic: A Historical Perspective. Organized by G. Bray
OR
EEP Featured Topic - Neural Control of Cardiovascular Function during Exercise

5:45-7:00 PM
APS Business Meeting
Room 134

April 5, Wednesday morning

8:00-10:00 AM
WEH Featured Topic - Clinical Disorders and Vasopressin.
Featured Speaker: Robert W. Schrier. Lecture title: "Role of Aquaporins in Disorders of Urinary Concentration and Dilution."
Room 132

10:30-12:30
Renal Section Symposium - Obesity and Renal Disease
Organized by L. Harrison-Bernard
Room 133
OR
Room 131
OR
CAMPS Featured Topic - Subcellular Organization of Second Messenger Signaling
Room 250/262
OR
CNS Symposium - Hyperpolarization-Activated HCN Pacemaker Channels: Role in the Brain, Heart, and Disease. Organized by S. Siegelbaum
Room 130

WEH Posters
Clinical Disorders and Vasopressin (Featured Topic - 1206)

EB 2006 Trainee-Relevant Symposia

Women in Physiology/Pharmacology Mentoring Workshop
Mastering the Juggling Act: Laboratory, Life and Leadership Roles
Organizers: Ann Schreihofen, Deborah Damon, Laura Nisenbaum
Monday April 3rd
8:00 – 10:00 AM
Convention Center, Room 130

Publishing 101: Dos and Don’ts of Publishing in APS Journals
Organizer: Kim E. Barrett
Monday, April 3rd
10:30 – 12:00 PM
Convention Center, Room 274 Mezzanine West
Career Symposium

Navigating the Interview: How to Make it Work for You
Organizers: Nansie A. McHugh, Ph.D. and William R. Galey, Ph.D.
Monday, April 3rd 5:45 – 7:45 PM
Convention Center, Room 252/260

Transition from Postdoc to Jr. Faculty: Surviving the Initial Years
Organizer: Rudy M. Ortiz and Ryan W. Bavis
Tuesday, April 4th 8:00 – 10:00 AM
Convention Center, Room 132

NHLBI Strategic Planning Meeting for New Investigators
Tuesday, April 4th 12:30-2:30 PM
Room 2008 Moscone West
The goal of this session is to provide an overview of the strategic planning process, and obtain feedback about the Institute's future scientific directions from new R01 investigators, early career development awardees, and early career award applicants (K01, K02, K08, K23, K25). Following an overview presentation, attendees and NHLBI scientific program staff will meet in small groups to elicit comments, suggestions, and feedback from participants.
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