News from the Chair, Jane Reckelhoff

Once again, the WEH Section of APS is in the midst of a busy and productive year. Just a reminder, as in years past, one of our most important current goals is to increase membership in our Section. New membership is essential to the continued vitality of our Section. To this end, WEH Section will pay the first year’s membership fees for any individual who wishes to become either a student member or a regular member of APS and designates the WEH Section as their primary affiliation. Simply contact me (jreckelhoff@umsmed.edu) and I will do the rest. We need your help in recruiting new members to our Section!

Kudos to Dave Mattson who did an excellent job in getting WEH members nominated and on various APS Committees for 2010! If you want to serve on an APS committee, send your CV to Dave (dmattson@mcw.edu), and he will do the rest (see his Committee on Committees Report below). Most committees now have positions for trainees, as well.

The EB 2011 meeting will be the first one in the new programming format that will have EB programming through Wednesday afternoon. Jennifer Pollock will update you on the specifics (see her report on Joint Program Committee below). WEH section programming will overlap with Renal and CV Section on Sunday and Monday. We have one APS-sponsored Symposium and have four Featured Topics. Trainees, don’t forget to apply for the WEH Awards. We will also have a special reception planned on Saturday afternoon immediately after the trainee presentations, so make your flight and hotel arrangements to arrive in time. More to come on that! Have a great Fall and Winter!

EB 2011 April 9-13, 2011  Washington, DC
www.experimentalbiology.org

Monday, November 8, 2010: Abstract submission deadline
Sunday, November 14, 2010: WEH New Investigator Award, WEH-DSI Predoctoral Award, Juan Carlos Romero Postdoctoral Award application deadline

EB 2011 WEH Business Luncheon
Sunday, April 10, 2011
Tom Cunningham, WEH Secretary/Treasurer
Please mark your calendars and buy your tickets for the Annual WEH Business Luncheon at EB 2011 that will take place on Sunday, April 10, 2011 at 12:30 am to 2:00 pm at the Tony Cheng’s Restaurants, 619 H Street, NW, Washington, DC (http://www.tonychengrestaurant.com/). Service will start at 1:00 pm. The luncheon cost is $5 for Students and Post-doctoral Fellows and $25 for all other attendees. Tickets will be available online through APS. The DSI-WEH Student and Juan Carlos Romero Postdoctoral Fellow Award winners will be announced at the luncheon.
APS Joint Programming Committee
Jennifer Pollock, WEH representative

This is our first EB with the new “Meeting-within-a-Meeting” format. WEH sessions will now be programmed Saturday through Monday, but there will be scintillating science on Tuesday and Wednesday as well! Lots of details are provided at www.experimentalbiology.org. Please select a WEH topic category for programming your abstract. Remember that if your abstract is selected for an oral presentation in a Featured Topic, you will also present this work in a poster session. With the new programming format, we have more opportunities for presentations in Symposia and Featured Topics. It is never too early to be generating ideas for programming. Please contact me (jpollock@mcg.edu) and I will be happy to help coordinate your ideas into reality. See you in DC.

WEH Posters  (All abstracts programmed will be poster presentations)

1229-APS  Blood pressure and fluid volume regulation in pregnancy and developmental programming
1230-APS  Cardiovascular and renal mechanisms in obesity and diabetes
1231-APS  Inflammatory mediators in regulation of blood pressure and renal function
1232-APS  Neurohumoral mechanisms of blood pressure regulation
1233-APS  Renin-angiotensin-aldosterone system in regulation of blood pressure and renal function
1234-APS  Sex differences in blood pressure and fluid volume homeostasis
1235-APS  Vasopressin and neurohypophyseal mechanisms in volume regulation
1236-APS  Water and electrolyte homeostasis

WEH Featured Topics (Abstracts are selected for oral and poster presentation)

1225-APS  Cardiovascular and renal homeostasis during pregnancy and pregnancy complications
Chairs: Jennifer Sasser and Shyama Masilamani
Sun, April 10; 8:00-10:00 AM; Room 147A

1226-APS  Hemodynamic and inflammatory alterations in hypertension and renal disease
Chair: David Mattson
Mon, April 11; 8:00-10:00 AM; Room 145B

1227-APS  Hypertension: mechanisms and consequences
Chair: Michael Brands
Sun, April 10; 10:30 AM-12:30 PM; Room 147A

1228-APS  Novel renal and extrarenal mechanisms of sodium and water homeostasis
Chair: Peter Bie
Mon, April 11; 10:30 AM-12:30 PM; Room 147A

WEH Symposia and Lectures

- Leonard Share Memorial Symposium  Vasopressin and the Neurohypophysis: An Old But Continuing Story  Chair: David Brooks  Sat, April 9; 12:45-2:45 PM; Room 147B
- WEH Trainee Recognition Awards Symposium  Sat, April 9; 4:00-5:00 PM; Room 147B
- Starling Distinguished Lecture  Sun, April 10; 3:15-4:15 PM; Room 146A
- WEH New Investigator Lecture  Sun, April 10; 4:15-5:15 PM; Room 146A
- Developmental Programming of Renal and Cardiovascular Disease in Adults  Chairs: Barbara Alexander and Javier Salazar  Mon, April 11; 3:15-5:15 PM; Room 147B
- Understanding Blood Pressure Regulation through Neural, Vascular, and Renal Specific Knockout/Knockdown Approaches  Chairs: Jennifer Pollock and David Pollock  Wed, April 13; 8:00-10:00 AM; Room 146B
I would like to remind all graduate students and postdocs to submit abstracts to a WEH sponsored section and to apply for the Water & Electrolyte Homeostasis Section Research Recognition Awards. The deadline for abstracts is Nov. 8, 2009, and the award applications deadline is Nov. 14, 2010. This year we will also have a mixer following the Trainee Awards symposium, so make sure you make your travel arrangements so that you can participate in these events on Saturday afternoon. The Trainee Advisory Committee has established an Early Career Professional Service Award which honors an early career stage member of the American Physiological Society who has made outstanding contributions to the physiology community and demonstrated dedication and commitment to furthering the broader goals of the physiology community. The deadline for applications is January 24, 2011. Apply online at http://www.the-aps.org/awardapps.

At EB 2011, the Trainee Advisory Committee symposium will be “Developing an Individual Development Plan – A Roadmap to Success.” This will be an activity-based presentation aimed at guiding the audience through the steps of self-assessment of skills, values, and interests. Audience members will learn how to effectively explore their career options and learn about SMART goal setting, and how to work with their mentor to implement their own Individual Development Plan. The symposium will be Wednesday April 13, 2011. Also, you can see the powerpoint presentations and hear audio of previous sessions from the Trainee Advisory Committee and other APS committees at http://www.the-aps.org/trainees/EBsymposia.htm. The topics covered include such topics as publishing, mentoring strategies, career choices, and career advancement at all levels.

APS Committees: If you are interested in becoming more active in the APS, consider nominating yourself to serve on one of the APS standing committees. Many of these committees have trainee members, and some will have openings for 2012 (Awards, Communications, Education, Membership, and Women in Physiology). Please contact me or Dr. Dave Mattson (Committee on Committees Representative) for more information.

Introducing Natasha C. Moningka, Trainee Advisory Representative, WEH Steering Committee

Natasha Moningka has been appointed to the WEH Steering Committee as the Trainee Advisory Committee Representative beginning January 2010. Natasha is a graduate student at the University of Florida, and Natasha has been a student member of APS since 2007. Natasha will also be the chair of the newly established WEH Section Trainee Advisory Committee, with Sydney Murphy (University of Mississippi Medical Center) and Susan Wood (Children’s Hospital of Philadelphia) completing the committee. Please contact any of us if you have any questions or suggestions related to trainee issues. For more information and useful links, visit the trainee website http://www.the-aps.org/trainees/, and subscribe to the Trainee ListServ. Don’t forget to become a fan of the APS and the APS WEH Section on Facebook.
Committee on Committees

Now is the time to nominate yourself or someone else to serve on the various standing committees of APS. Last spring at the WEH luncheon, several people approached me about nominating themselves for committees—please contact me (dmattson@mcw.edu). We would like to have WEH represented on all APS committees. There are positions coming available on most of the committees. The charge of each committee is located on the APS website for your information (www.the-aps.org/committees). The process for committee nomination includes filling out a Candidate Information Form and getting an APS member to fill out an Endorsement form for you (or we can do this for you). Both forms can be found at www.the-aps.org/committees/nominate.htm. Please send the forms or your CV (and we will fill out the forms for you) to Dave Mattson (dmattson@mcw.edu) by December 15, 2010 so they be can be submitted to APS on time.

2011 WEH New Investigator Award

Nominations are being solicited for the 2011 WEH New Investigator Award ($1,000 plus reimbursement of the advance registration fee) recognizing an outstanding investigator in the early stages of his/her career. Candidates should be meritorious investigators contributing to the area represented by the WEH Section. Nominees should be APS members in good standing and not be above the rank of Assistant Professor or a comparable position in academia or industry. Nominations must be received from at least two regular APS members. Candidates will be judged on publications, research related to the WEH Section, and evidence of independence and promise. Although this is not an abstract-based award, awardees are expected to attend EB and make an oral or poster presentation. Please submit names with the accompanying materials online at http://www.the-aps.org/awardapps. The deadline is November 14, 2010.

The New Investigator Award in Regulatory and Integrative Physiology was established to encourage young investigators to continue careers in cardiovascular, renal, and neuroendocrine integrative research. The award is presented annually at the WEH Business Luncheon 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. Contact Tom Cunningham or Catherine Uyehara with questions.

Please consider making a tax-deductible contribution to the Juan Carlos Romero Senior Postdoctoral Research Recognition Award for Water and Electrolyte Homeostasis Section. This award provides $1000 plus reimbursement of the advance registration fee and travel expenses to senior postdoctoral fellows to attend the annual Experimental Biology Meeting. The APS website is: https://www.the-aps.org/ebuspprod/OneClickDonation/tabid/229/Default.aspx?ProductId=142
On June 17th this year our friend and colleague Dr Leonard Share passed away. Dr Share was instrumental in establishing the Water and Electrolyte Homeostasis Section and was elected its first chair. For many years he was a fixture at the section’s events and scientific sessions and was a great mentor to many of its current members.

Leonard Share received a Bachelors degree in Biology from Brooklyn College in 1947 and a Masters in Zoology the next year from Oberlin College. His formal degree was a Ph.D. in Physiology awarded in 1951 from Yale University. He did postdoctoral research at Western Reserve University School of Medicine where he was appointed as an instructor in 1952. He rose to the rank of Full Professor in 1968. During the intervening years he established himself as an authority on the regulation of vascular volume and blood pressure by discovering the role of vasopressin (antidiuretic hormone) in controlling these important parameters. In 1969, Dr. Share was recruited to Chair in the Department of Physiology at The University of Tennessee College of Medicine, a position he held for 17 years. During his career, Dr. Share and his colleagues published over 200 peer-reviewed manuscripts in outstanding medical and basic science journals. He was considered one of the foremost international authorities on the regulation of blood volume and vasopressin. His work was continuously supported with grants from the National Institutes of Health from 1953 to 1999, including a prestigious MERIT Award. His laboratory served as the training ground for young scientists from around the world. He was especially interested in the training of minority students and was the Program Director of a NIH grant for Cardiovascular Research Training for minority students for nearly 10 years. In addition to his many personal accomplishments, Dr. Share will best be remembered by students, young scientists and faculty members for contributing to their careers and professional development.

In honor of Dr. Share, WEH is sponsoring the Leonard Share Memorial Symposium "Vasopressin and the Neurohypophysis: An Old But Continuing Story". Sat, April 9; 12:45-2:45 PM in Room 147B at the Washington Convention Center.

Congratulations to Barbara Alexander the Secretary/Treasure elect for WEH and a special thanks to Jennifer Sullivan and Christine Schnackberg for agreeing to run for the Office.
WEH DSI 2010 Trainee Award Winners
Jianli Bi, Wake Forest Univ, Sch. Med; Analia Loria, Med. Coll. of Georgia; Mohamed A. Saleh, Med. Coll. of Georgia; January May Andaya, Univ of Hawaii; Sydney Murphy, Univ. of Mississippi Medical Center; Micheale Manigrasso, Univ. of Mississippi Medical Center.

2010 WEH New Investigator Award winner Alejandro R. Chade from the University of Mississippi School of Medicine and 2010 Ernest H. Starling Distinguished Lecturer Kirk P. Conrad from the University of Florida receiving their awards from WEH Chair Jane Reckelhoff.
More Pictures From EB2010
WEH Steering Committee

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