News from the Chair, Jane Reckelhoff

This will be my last message as Chair of WEH. Thank you all very much for your support for my appointment to APS Council, and a big congratulations to our new WEH chair, Dr. Jennifer Pollock. Thanks to Tom Cunningham for agreeing to run as well. Also thanks to Tom for all his hard work as Secretary/Treasurer for the past three years.

We are looking forward to seeing you all in Washington, DC, for the 2011 Experimental Biology meeting. This is the first year with the newly structured meeting program. All of the WEH programming will be on Saturday through Tuesday. The Section has another very exciting program highlighted by the APS Water and Electrolyte Homoeostasis Section Trainee Awards Symposium on Saturday afternoon, including a “Data Diuresis” reception for all trainees and mentors afterwards, supported by Data Sciences, Inc. Mike Ryan and Mike Brands will host the reception.

We are also delighted that Dr. Curt Sigmund will be our 2011 Starling Lecturer on Sunday afternoon. Please be sure to attend this lecture as well as the talk given afterwards by our New Investigator Awardee, Dr. Ahmed Elmarakby. In addition, on Saturday, there will be a Memorial Symposium in honor of Dr. Leonard Share, one of the founding members of the WEH section. The symposium will be chaired by two of his former trainees, Drs. John Sallone and David Brooks. Details of these talks and all WEH sponsored sessions are provided below.

I would also like to invite you to our Business Meeting and Luncheon on Sunday where you will have a chance to meet and congratulate all our awardees. See you all in DC!!
WEH Programming EB 2011

Jennifer Pollock, WEH Joint Programming Committee Representative

Look for the full program for Experimental Biology 2011 online at
http://experimentalbiology.org/content/ProgramInformation.aspx

Saturday, April 9, 2011

  Chairs:  David Brooks and John Stallone
  This symposium was organized in memory of Dr. Leonard Share, founding member of the WEH section.

• 3:15-4:45 PM Room 147B.  WEH Trainee Award Finalists Session.
  Chairs:  Natasha Moningka and Alejandro Chade.
  **Romero Postdoctoral Finalists:**  Kedra Wallace, Tiffany Thai, and Analia Loria.
  **WEH/DSI Predoctoral Finalists:**  Di Feng, Vanessa Ramseyer, and Margaret Zimmerman.

• 4:45-5:45 PM Room 147B.  DSI Trainee Mixer and Data Diuresis Session.
  Chairs:  Mike Ryan and Mike Brands.  Refreshments sponsored by Data Sciences, Inc.

Sunday, April 10, 2011

• 8:00-10:00 AM Room 147A Featured Topic:  *Cardiovascular and renal homeostasis during pregnancy and pregnancy complications.*
  Chairs: Jennifer Sasser and Shyama Masilamani.
  Featured Speakers:  Shyama Masilamani and Rolando Ramirez.

• 10:30 AM-12:30 PM Room 147A Featured Topic:  *Hypertension: mechanisms and consequences.*
  Chair: Michael Brands

• 12:30-2:00 PM WEH Section Business Luncheon and Awards Presentations.
  *Tony Cheng’s Restaurant*  619 H Street, NW, Washington, DC  
  (http://www.tonychengrestaurant.com/).  Tickets are required.

• 3:15-5:15 PM Room 146A Earnest H. Starling Distinguished Lecture,
  *Curt Sigmund.*  Divergent mechanisms regulating fluid intake and metabolism by the brain renin-angiotensin system: A story of drinking and donuts.

  WEH Young Investigator Lecture,
  *Ahmed Elmarakby.*  Reno-protective mechanisms of epoxyeicosatrienoic acid derivatives in cardiovascular diseases.  Chair: Jane Reckelhoff

Monday, April 11, 2011

• 8:00-10:00 AM Room 145B.  Featured Topic:  *Hemodynamic and inflammatory alterations in hypertension and renal disease.*
  Chair: David Mattson.  Featured Speakers:  David Basile and David Mattson.
• **10:30 AM-12:30 PM Room 147A** Featured Topic: *Novel renal and extrarenal mechanisms of sodium and water homeostasis.*
  Chair: Peter Bie.
  Featured Speakers: David Pollock and Peter Bie.

• **3:15-5:15 PM Room 147B. WEH Symposium: Developmental Programming of Renal and Cardiovascular Disease in Adults.**
  Chairs: Barbara T. Alexander and Javier Salazar.

• **WEH Poster Session: Cardiovascular and Renal Homeostasis During Pregnancy and Complications**
• **WEH Poster Session: Hypertension: Mechanisms and Consequences**
• **WEH Poster Session: Neurohumoral Mechanisms of Blood Pressure Regulation**
• **WEH Poster Session: RAAS in Regulation of Blood Pressure and Renal Function**
• **WEH Poster Session: Sex Differences in Blood Pressure and Fluid Volume Homeostasis**

**Tuesday, April 12, 2011**
• **WEH Poster Session: Cardiovascular and Renal Mechanisms in Obesity and Diabetes**
• **WEH Poster Session: Developmental Programming and Cardiovascular Disease**
• **WEH Poster Session: Hemodynamic and Inflammatory Alterations in Hypertension and Renal Disease**
• **WEH Poster Session: Novel Renal and Extra-Renal Mechanisms of Sodium and Water Homeostasis**
• **WEH Poster Session: Vasopressin and Neuropophyseal and Volume Regulation**

**Wednesday, April 13, 2011**
• **8:00-10:00 AM Room 146B. APS Cross-Sectional Symposium: Understanding Blood Pressure Regulation through Neural, Vascular, and Renal Specific Knockout/Knockdown Approaches.**
  Chairs: Jennifer Pollock and David Pollock.
  Speakers: Robin Davisson, Andreas Friebe, Donald Kohan, and David Harrison.

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Science in a relaxed and fun atmosphere? Yes, you can have both! Join us for the “Trainee Mixer and Data Diuresis Session” at EB2011. The event is provided through the generous support of Data Sciences, Inc. with 2 drink tickets/person (soft drinks, water, or beer) and snack mixes. The Data Diuresis Session will be an informal preview of the various presentations by WEH section members. The presentations will be held as part of a social hour from 4:45 to 5:45 PM in Room 147B at the Convention Center. Each person will present a maximum of 2 data slides. Microphones will be placed throughout the room (including our innovative “bar mic”) for audience questions. Co-Chairs, Mike and Mike (Ryan and Brands), will lead us through a relaxed session that enables sneak previews of WEH abstracts and low-pressure “face time” for our younger scientists. Make travel arrangements so that you can kick off EB with this new event and not miss out on any of the fun!
Leonard Share Memorial Symposium

In honor of Dr. Leonard Share, the founding member of the Water and Electrolyte Homeostasis Section of the APS, the WEH section will sponsor the Leonard Share Memorial Symposium at EB 2011. This symposium will be held on Saturday, April 9th from 12:45-2:45 PM in Washington Convention Center, Room 147B.

The title of this year’s symposium is “Vasopressin and the Neurohypophysis: An Old but Continuing Story.” Drs. David Brooks and John Stallone will chair this year’s symposium.

WEH Section Committee on Committees

Dave Mattson, WEH Committee on Committee Representative

It is not too early to think about nominating yourself or someone else to serve on the various standing committees of APS for next year. We would like to have WEH represented on all APS committees, and positions will be available on many of the committees. The charge of each committee is listed 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 either the forms or your CV (and we will fill the forms out for you) to Dave Mattson (dmattson@mcw.edu) by December 15, 2011 so the materials can be submitted to APS.

How to Be an Advocate: A Workshop for Scientists

Saturday, April 9, 1:00-3:00 PM Room 147A

Join the members of the APS Science Policy Committee to learn how to be an effective advocate for science. This workshop will address what scientists can do to encourage federal support for research and what you need to understand about the budget process. You will also learn how to schedule a meeting with your Member of Congress while you are in Washington. Experienced science advocates will be available to guide small group discussions about advocacy and answer questions about meeting with Members of Congress.

For more information on planning ahead to visit Capitol Hill during EB, see the APS Science Policy website: http://www.the-aps.org/pa/advocate/AdvocateforScience.htm

Please consider making tax deductible contributions 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 for 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
WEH Trainee Advisory Committee

Natasha Moningka, WEH Representative

I encourage all trainees (students, postdocs, and early career investigators) to stay informed with all trainee-related information by subscribing to the Trainee Listserv (http://www.the-aps.org/trainees/) and by following our Facebook page (search for APS WEH Section).

Also, please support this year’s WEH trainee finalists at our Trainee Awards Symposium (Saturday, April 9, 2011 from 3:15 to 5:30 PM). On that same day, immediately after, join us for a fun student-faculty mixer, kindly sponsored by our friends at DSI.

Lastly make sure to check out the following exciting symposia at the upcoming ET 2011 meeting:

Career Committee
Monday, April 11, 2011; 3:15-5:15 PM
New Opportunities in Non-traditional Academic Positions

Women in Physiology Committee
Wednesday, April 13, 2011; 8:00-10:00 AM pm
Work/Life Balance: Every Choice Matters

Trainee-Advisory Committee
Wednesday, April 13, 2011; 10:30-12:30 AM
Developing an Individual Development Plan-A Roadmap to Success

Please feel free to contact me if you have any suggestions and/or comments regarding trainee-related issues. See you at EB!

The APS Conference Committee is seeking Proposals for APS Conferences:

The APS Conference Committee provides the ultimate in programming opportunities and works with organizers to assist in all aspects of conference planning. The APS provides up to $30,000 toward reimbursement of invited speaker direct costs and registration. Proposals are due April 1, August 1, and December 1 and guidelines and online application form can be found online at: http://www.the-aps.org/meetings/aps/index.htm

Questions should be directed to Sarah Knox sknox@the-aps.org or 301-634-7967 or Gerald A. Meiningher, Ph.D. Meiningherg@missouri.edu or 573-882-9662.

From the APS Physiologists in Industry Committee (PIC).

The APS PIC is sponsoring a Symposium at EB 2011 entitled “Stem Cells in Physiology and Drug Discovery” chaired by Drs. Magdalena Alonso-Galicia and Cheryl Watson. The symposium will be held at the Washington DC Convention Center in Room 145A on Sunday April 10th, 2011 from 8 to 10 AM. Recent breakthroughs have allowed the generation of induced pluripotent stem cells (iPS cells) from somatic cells which maintain all the potential of embryonic stem cells without using embryos, eliminating ethical concerns. These findings have generated excitement and interest in the biomedical research community as well as the pharmaceutical industry. In the symposium, current efforts on the use of stem cells in CNS, cardiovascular and diabetes drug discovery will be discussed by Dr. John Hambor, (The Cell Therapy Group), Dr. Timothy J Kamp (University of Wisconsin), and Dr. Lawrence Chan (Baylor College of Medicine).
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