

# The American Physiological Society



## WATER AND ELECTROLYTE HOMEOSTASIS SECTION NEWSLETTER

March 2009

### ***News from the Chair, David P. Brooks***



We are looking forward to seeing you all in New Orleans for the 2009 Experimental Biology meeting. The Section has another very exciting program highlighted by the APS Water and Electrolyte Homeostasis Section Trainee Awards Symposium, the Young Investigator Talk and the Starling Lecture. Our Trainee Symposium is going into its third year and we have every hope that it will be as successful and as well attended as the first two. Once again we are most grateful to our colleagues at **Data Sciences, Inc.** who have provided an educational grant that makes the symposium possible. We are delighted that

**Dr. Alicia McDonough** will be our 2009 Starling Lecturer. Please be sure to attend this lecture as well as the talk given by our New Investigator Awardee, **Dr Carol Moreno Quinn**. Details of these talks and all WEH sponsored sessions are provided below. I invite you to our Business Meeting and Luncheon where you will have a chance to meet and congratulate all our awardees. At this meeting we will also be asking our members to approve a couple of changes to the Section's Statement of Organization and Procedure (see page 5). I suggest that you purchase your tickets early since space will be limited. We are delighted to introduce two new members to the Section's Steering Committee, **Dr Shyama Masilamani** and **Dr Catherine Uyehara**, who will serve as Councilors. Finally it gives me great pleasure to announce that **Dr Jane Reckelhoff** has been elected to serve as Chair of the Section and her term will start following the EB meeting. Please join me in congratulating all these individuals

### **APS Joint Programming Committee**

***Janie Reckelhoff, WEH Representative***



The WEH section had 115 abstracts programmed for EB 2009. Below are the sessions:

#### **WEH Sponsored Sessions:**

**Saturday, April 18, 4:15--5:15 PM Room 238**  
**DSI-WEH Student/Fellow Awards Symposium**

Chairs: Jane Reckelhoff & Jennifer Sasser.

- 4:15 *Marcia Venegas-Pont*
- 4:25 *Sydney R. Murphy*
- 4:35 *Analia S. Loria*
- 4:45 *Anne DM Riquier*
- 4:55 *Carmen De Miguel*
- 5:05 *Carlos Manuel Nicolas Schreck*

**Sunday, April 19, 3:15--4:15 PM Room 244**

**Ernest H. Starling Lectureship**

Alicia McDonough

**Sunday, April 19, 4:15--5:15 PM Room 244**

**WEH Young Investigator Award Lecture**

Carol P. Moreno Quinn

**WEH Symposium**

**Monday, April 20, 8:00--10:00 AM Room 243**

**Angiotensin II Type 2 Receptor: Role in Renal/Cardiovascular Function and Blood Pressure Control**

Chairs: Tahir Hussain and Helmy Siragy

Invited Lecturers: Robert Widdop, Rhian Touyz, Helmy Siragy and Tahir Hussain

**WEH Featured Topics**

**Sunday, April 19, 8:00-10:00 AM Room 244**

**Hypertension**

Chairs: Jane Reckelhoff and Christine Maric

Invited Lecturers: David Harrison and Ralf Deshend

**Monday, April 20, 10:30—12:30 AM Room 235/236**

**Role of Sex Steroids in Cardiovascular Physiology and Pathophysiology**

Chair: Michael Ryan

Invited Lecturer: Karen A. Gould

**Tuesday, April 21, 8:00-10:00 AM Room 238**

**Imaging in Renal Physiology and Pathophysiology**

Chairs: Alejandro R. Chade and Radu Iliescu

Invited Lecturers: Lilach O. Lerman and Janos Peti-Peterdi

**See EB'09 Website:** <http://www.eb2009.org/>

TIME	Saturday April 18	Sunday April 19	Monday April 20	Tuesday April 21	Wednesday April 22
8:00 am to 10:00 am		<i>WEH Featured Topic</i> <b>Hypertension</b> (Room 344)	<b>WEH Symposium Angiotensin II Type 2 Receptor: Role in Renal/Cardiovascular Function and Blood Pressure Control</b> (room 243)	<i>WEH Featured Topic</i> <b>Imaging in Renal Physiology and Pathophysiology</b> (Room 25A)	
10:30 am to 12:30 pm		<b>11:30 am WEH Business Luncheon</b> <i>Plimsoll Club</i>	<i>WEH Featured Topic</i> <b>Role of Sex Steroids in Cardiovascular Physiology and Pathophysiology</b> (room 235/236)		
<b>POSTER SESSIONS</b> 12 noon to 3:00 pm		WEH Posters	WEH Posters	WEH Posters	
<b>PLENARY</b> 3:15 pm to 5:15 pm	<b>4:15 pm WEH Awards Finalists</b> (Room 238) 5:45 pm Cannon Lecture 7:00 pm APS Reception	<b>3:15 pm WEH Starling Lecture</b> (Room 244)  <b>4:15 pm WEH YIA Lecture</b> (Room 244)	<i>WEH Featured Topic</i>  Hypertension: Integrated Mechanisms and Sequelae (Room 24)		

Disclaimer: Please check program for room number. Presenters should not use this as final notification.

\* **Starling Lecture and Young Investigator Award (YIA) Lecture** will be presented in the same session.

**REMEMBER:**

**Now is the time to develop new ideas about Symposia and Featured Topics for EB2010 in Anaheim. Young investigators, please consider submitting your idea topics.** Both Symposia and Featured

Topic presentations are 2 hrs long. A symposium has 4 pre-named speakers, whereas a Featured topic has 1 main speaker and the rest of the presentations are programmed from abstracts submitted to that topic. The deadline for submission is May 1, 2009. Please contact Janie Reckelhoff with your ideas prior to or at EB'09 (jreckelhoff@physiology.umsmed.edu).



**2009 Ernest H. Starling Distinguished Lectureship  
Alicia McDonough, PhD**

*Life in the fast lane: Sodium transporter traffic regulates blood pressure and volume.*

**Sunday, April 19, 3:15--4:15 PM Room 244**

**2009 WEH New Investigator Award  
Carol P. Moreno Quinn**

*Genomic strategies for dissecting cardiovascular and renal disease*

**Sunday, April 19, 4:15-5:15 PM Room 244**



**Congratulations to the DSI-WEH Trainee Finalists**

**Predoctoral Trainee Finalists:**

**Carmen De Miguel**, Physiology, Medical College of Wisconsin

**Sydney Murphy**, Physiology, University of Mississippi Medical Center

**Anne Riquier**, Cell and Neurobiology, University of Southern California

**Postdoctoral Trainee Finalists:**

**Analia Loria**, Vascular Biology Center, Medical College of Georgia

**Carlos Schreck**, Physiology, Medical College of Wisconsin

**Marcia Venegas-Pont**, Physiology, University of Mississippi Medical Center

The Award winners will be announced at the WEH Business Luncheon on Sunday, April 19, 2009. **Make plans to attend the DSI-WEH Finalist Awards Symposium on Saturday, April 18 and WEH Business Luncheon on Sunday, April 19.**

## EB 2009 WEH Business Luncheon Sunday, April 19<sup>th</sup> 2009

*Tom Cunningham, WEH Secretary/Treasurer*

Please mark your calendars for the Annual WEH Business Luncheon at EB 2009 that will take place on **Sunday, April 19, 2008 at 11:30 am to 1:00 pm at the Plimsoll Club**, 2 Canal St., 30th Floor, New Orleans, LA 70130 (<http://www.plimsoll.com/map.html>). The luncheon cost is \$5 for Students and Post-doctoral Fellows and \$20 for all other attendees. Tickets are available on line at <http://www.the-aps.org/sections/water/banquet09.htm> and will not be available on site. The DSI-WEH Student and Fellow Awardees will be announced at the luncheon. Alicia McDonough, 2009 Starling Lecturer, and the 2009 WEH New Investigator, Carol Moreno Quinn will attend the luncheon and be presented with their awards as well.



### Liaison with Industry Committee (LWIC)

*Maggie Alonso-Galicia, WEH Representative*

The Liaison with Industry Committee (LWIC) is committed to fostering interactions between the APS and industry. Below are some LWIC-sponsored events for Experimental Biology 2009 that you won't want to miss!

**Symposia 2009:** "Molecular Imaging of Physiological Processes in Drug Discovery". The symposium will highlight recent advances in the field of In Vivo molecular imaging of disease processes, biomarkers, and novel therapeutic targets and has commitments from *Dr. William Strauss, M.D. (Memorial Sloan-Kettering Cancer Center)*, *Dr. Adriana Maggi, Ph.D. (University of Milan)*, *Dr. Paul Acton, Ph.D. (Johnson & Johnson Pharmaceuticals)*, and *Dr. Farouc A. Jaffer, M.D., Ph.D. (Harvard Medical School)*.

**EB '09 Translational Physiology symposium; "Fibrosis: Signaling, Physiology, and Therapies"**. The symposium will discuss recent advances in the field of pathological fibrosis and potential therapeutic approaches to its treatment. Speakers for the Translational Physiology Symposium include *Dr. Scott L. Friedman, M.D. (Mount Sinai School of Medicine)*, *Dr. Eric G. Neilson, M.D. (Vanderbilt University School of Medicine)*, *Dr. Scott Lonning, DVM, Ph.D. (Genzyme)*, and *Dr. Kevin K. Brown, M.D. (National Jewish Medical and Research Center)*.



### WEH Section Committee on Committees

*Jennifer Pollock, WEH Committee on Committees Representative*

**YES, you can serve on APS committees and make a difference! Now is the time to nominate yourself or someone else to serve on the various standing committees of APS.** 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](http://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 (I would be happy to do this for you). Both forms can be found at [www.the-aps.org/committees/nominate.htm](http://www.the-aps.org/committees/nominate.htm). Please send me the forms ([jpollcock@mcg.edu](mailto:jpollcock@mcg.edu)) when they are completed so I can submit them to APS.

## APS Trainee Advisory Committee

Jennifer M. Sasser, WEH Representative



Experimental Biology 2009 will once again offer multiple sessions targeted at APS trainees. To begin the week, please join us at the WEH Trainee Awards Symposium on Saturday and then again on Sunday, April 19 for the presentation of the Awards at our annual Business Luncheon. At the luncheon, trainees will also have the opportunity to meet the 2009 Ernest H. Starling Distinguished Lecturer, Dr. Alicia McDonough. Then on **Monday morning at 8:00**, please join the APS Trainee Advisory Committee for this year's symposium, "**Mentoring Strategies: Beyond the Bench**." Laboratory management skills are a necessary, but often neglected, component of trainee education, so speakers will discuss 1) The value of mentoring trainees and effective approaches to mentoring; 2) Skills important for supervising employees in any leadership environment 3) Capitalizing on diverse personalities in the work environment; and 4) Constructive approaches to conflict resolution. This symposium will complement the symposium sponsored by the APS Women in Physiology and ASPET Women in Pharmacology Committees, "**Pathways to Leadership: Developing Critical Skills**" that will be held **Tuesday at 8:00**.

For more information on the TAC and other trainee issues, including career planning and job searches, visit the recently re-designed TAC website (<http://www.the-aps.org/trainees/>), and sign up for the Trainee LISTSERV to receive valuable information by email. In addition, the APS Trainee Advisory Committee has created a Facebook group page designed specifically for trainees. The APS Trainees group is public and provides a great venue for APS Trainee related news, updates, and physiology-relevant discussions.

## Congratulations to David Brooks and Curt Sigmund on their election to APS Council

**The following changes to the Statement of Operations and Procedures will be discussed at the Business Luncheon**

Proposed changes to the Statement of Operations and Procedures.

### ARTICLE III. Membership

Section membership is conferred by designating Water and Electrolyte Homeostasis Section as a primary or secondary ~~or tertiary~~ section for affiliation through the APS Membership Services Department.

### ARTICLE IV. Officers

#### Section 3. Election of Officers and Terms of Office

Terms of office of all members of the Steering Committee will begin and end at the close of the annual spring meeting of the Society, with the exception of the Trainee member whose term will begin and end on January 1<sup>st</sup> and December 31<sup>st</sup> respectively to coincide with the terms of membership of the Trainee Advisory Committee.

## WEH Steering Committee

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