News from the Chair, Jennifer Pollock

Hello WEHians! EB in Boston is jammed pack with exciting science and social events for all investigators. Many of our WEH members have been very busy the past few months programming featured topics, symposium, Data Diuresis, organizing trainee awards, and social events--don’t forget to include all of the WEH events in your EB itineraries. The WEH Trainee committee is hosting the “mentoring on the go” again this year, so please “say yes to the WEH”. Our luncheon is organized to maximize your time to visit with old friends, WEH Award Lecturers, make new friends as well as allowing time for mentees and mentors to greet each other.

There was overwhelming support from the WEH Steering Committee to select Dr. Jane Reckelhoff as our 2015 Starling Award Lecturer. Dr. Reckelhoff is a Professor at the University of Mississippi where her scientific contributions have focused on sex differences and cardiovascular disease. She also directs the Women’s Health Initiative at the University of Mississippi. Janie is one of our most active members in WEH serving as our Past-Chair, Secretary/Treasurer, Committee on Committees Representative, and Joint Programming Representative. She also is very active on numerous APS committees and Dr. Reckelhoff was just elected as our APS President-elect! We are very proud to have Dr. Reckelhoff as our 2015 Starling Lecturer. Dr. Justin Grobe, Assistant Professor at University of Iowa, was selected as the 2015 WEH New Investigator Awardee. Dr. Grobe's research is focused on novel mechanisms of pregnancy-induced hypertension especially related to dysregulation of vasopressin pathways and fluid-electrolyte homeostasis. Please congratulate Drs. Reckelhoff and Grobe as well as our Trainee Awardees at the WEH Sunday Business Luncheon.

Thanks so much for all you do for APS and especially for WEH.
See you in Boston, Jennifer

In This Issue

• Programming highlights for EB2015 sponsored by WEH
• Three WEH members to receive major honors from the APS
• WEH section awardees to be recognized at EB2015
• WEH trainee specific programming and mentoring

....and much more!
Please be sure to check out all of the exciting WEH programming at EB2015. See you in Boston!

SATURDAY, March 28, 2015
2:15pm-5:15pm, Room 205C, Convention Center
WEH Trainee Award Finalists Session and Data Diuresis

SUNDAY, March 29, 2015
8:00am-10:00am, Room 212
WEH Featured Topic- The Heart of the Matter: Menopause, Sex Steroids, and Cardiovascular Disease
Chairs: J Reckelhoff and M Wenner
3:15pm-4:15pm, Room 210A
Ernest H. Starling Distinguished Lectureship of the APS Water and Electrolyte Homeostasis Section
4:15pm-5:15pm, Room 210A
WEH New Investigator Award Lecture

MONDAY, March 30, 2015
8:00am-10:00am, Room 207
WEH Featured Topic- Hypertension: Developing Concepts
Chairs: J Sullivan and M Ryan
10:30am-12:30pm, Room 206B
WEH Symposium- Gastro-Renal Communication
Chair: P Jose
3:15pm-5:15pm, Room 207, Convention Center
WEH Featured Topic: Water, Electrolyte, and Blood Pressure Homeostasis: Neural and Humoral Regulators and Stressors
Chairs: J Gao and R Veelken

TUESDAY, March 31, 2015
10:30am-12:30pm, Room 206B
WEH Featured Topic- The Biology of Oxygen Homeostasis and Hypoxia
Chairs: A Polichnowski and R Evans

POSTER SESSIONS
- WEH Poster-Blood pressure and fluid volume regulation in pregnancy and developmental programming
- WEH Poster-Developmental programming and cardio-renal function in adults
- WEH Poster-Cardiovascular and renal mechanisms in diabetes and metabolic syndrome
- WEH Poster-Renin-angiotensin-aldosterone system in regulation of blood pressure and renal function
- WEH Poster-Sex differences in blood pressure and fluid volume homeostasis
Major APS Honors for Three WEH Members

Congratulations to our WEH Chair, Dr. Jennifer Pollock, Recipient of the American Physiological Society 2015 Bodil M. Schmidt-Nielsen Distinguished Mentor & Scientist Award

The Bodil M. Schmidt-Nielsen Award honors an APS member who is judged to have made outstanding contributions to physiological research and to excellence in training of young physiologists. Dr. Pollock is well known for her scientific contributions related to understanding the role of nitric oxide in the vasculature and kidney, as well as contributions of early life stress to cardiovascular risk. Now, Dr. Pollock will be recognized for her commitment to her students and fellows having shaped the career of over 100 trainees. Congratulations Dr. Pollock, on this well deserved honor.

Congratulations to Dr. Jane Reckelhoff, President Elect of the American Physiological Society

Dr. Reckelhoff was recently elected to serve as the 89th president of the APS. In addition to her distinguished scientific career, Dr. Reckelhoff has been dedicated to service of the APS where is a past chair of the WEH section, has served on and chaired APS committees, and most recently served as a councilor to the APS. Dr. Reckelhoff continues the long history of service excellence provided by WEH member to the APS. Congratulations Dr. Reckelhoff.

Congratulations to WEH member Dr. Babbette LaMarca, Recipient of the American Physiological Society 2015 Henry Pickering Bowditch Award

The Bowditch Award is given to a regular member of the APS who is under 42 years of age or less than eight years beyond postdoctoral training for their outstanding accomplishments in the field of physiology. Dr. LaMarca is an Associate Professor of Pharmacology at the University of Mississippi Medical Center. Her work is focused on immune mechanisms that contribute to the pathogenesis of preeclampsia.
EB 2015 WEH Data Diuresis

Jennifer Sullivan, Data Diuresis Coordinator

It’s BACK! The WEH section will again kick-off the EB meeting with the 5th annual Data Diuresis Session to be held on Saturday March 29, 2015 (Convention Center, 205C) immediately following the Trainee Awards competition. The Data Diuresis Session provides an informal preview of the exciting science being performed by our WEH section members. The format for the session will be modified from previous years. We have added two 30-minute “Mix and Mingle” times prior to (3:15-3:45 pm) and immediately following the Data Diuresis presentations (4:30-5:15) when the bar will be open; the bar will be closed during the presentations. A special thank you to Data Sciences International (St. Paul, MN) for their continued support of this session. We are pleased that Justin Grobe (Univ of Iowa) and Dexter Lee (Howard Univ) will return to emcee the session and maintain order during the presentations. Thank you also to our membership for submitting their best work to WEH Featured Topics and to the hard work of Christine Maric – Bilkan (NHLBI), Analia Loria (Univ Kentucky) and Justin Grobe for their efforts and quick turn-around in selecting seven outstanding abstracts covering an array of topics of interest to our membership.

Each presentation will be 3 minutes allowing a sneak-peak into novel and exciting finings made by our membership. Presentations are as follows:

- **Keisa Mathis**, “Evidence of an Impaired Neuroimmune Pathway in Autoimmune-Associated Hypertension”
- **Andrew Terker**, “Induced pan-nephron mineralocorticoid receptor knockout causes Na+ wasting and K+ retention”
- **Carmen De Miguel**, “Evidence that Vascular Endothelial Derived Endothelin-1 Promotes Development of Tunicamycin-Induced Endoplasmic Reticulum Stress in Renal Vessels”
- **Juan Gao**, “Radiofrequency Renal Denervation Produces Sustained Decreases in Blood Pressure and Cytokines, Tumor Necrosis Factor a (TNF a) and Interleukin 17 (II-17), in Spontaneously Hypertensive Rats (SHR)
- **Jeremy Sandgran**, “Vasopressin Infusion During Pregnancy is Associated with Cardiovascular and Metabolic Dysfunction in Offspring”
- **Gustavo Ares**, “A Fructose-Enriched Diet Induces Salt-Sensitive Hypertension and Enhances NKCC2 and SPAK/OSR1 Phosphorylation in Thick Ascending Limbs”
- **Anne-Cecile Huby**, “Leptin-Induced Hypertension is Aldosterone Dependent in Obese Families”

We hope to see you there!

Support the WEH Section!!

Please consider making a tax-deductible contribution to support the activities of the WEH section. There are three APS Funds that directly support WEH members and information for each can be found at [http://ebus.aps.org/ebuspprod/ApplyNow/MyMembershipInfo/FullDonation.aspx](http://ebus.aps.org/ebuspprod/ApplyNow/MyMembershipInfo/FullDonation.aspx)

- **Carlos Romero Memorial Fund**
- **Water & Electrolyte Homeostasis Section Leonard Share Endowment Fund**
- **Water & Electrolyte Homeostasis Section Fund**
Annual WEH Luncheon

Online ticket sales for the WEH Luncheon are now closed! If you do not already have your ticket, a limited number of tickets will be available for sale at the APS headquarters in the Westin Boston Waterfront on a first come, first serve basis. Please be sure to get them as soon as you arrive in Boston. Otherwise you will be missing out on a great opportunity to visit with colleagues, network, and meet all of our WEH award winners.

When: Sunday, March 29, 2015
     12:30 – 2:00 pm

Where: Salvatore’s Restaurant
       Boston-Seaport
       225 Northern Ave
       Boston, MA 02210

Questions: Ask
           Michael Ryan
           mjryan@umc.edu
           or
           Ann Marie Bocus
           abocus@the-aps.org

Only 0.4 miles walking distance from the convention center!

WEH Section Committee on Committees Report

Carmen Hinojosa-Laborde, WEH Committee on Committee Representative

Thank you to all the WEH members who submitted nominations to serve on one of the standing committees of APS for 2016 appointments. This is a great way to increase your involvement with the APS. Positions are available on many of the APS committees for both trainees and regular members. It is our goal to have WEH represented on all APS committees. WEH has excellent candidates, and they will be notified of the selected 2016 committee positions during the summer of 2015.

For those who missed the nomination deadline this year, it is not too early to think about nominating yourself or a colleague for 2017 committee appointments. The nomination process is easy. The first step is to identify a committee that fits your interests (http://www.the-aps.org/mn/hp/Audiences/APS-Committees). Next, go to www.the-aps.org/awardapps and submit your application. Contact me at carmen.hinojosa-laborde.civ@mail.mil if you have any questions. I can also answer questions at EB2015. See you in Boston!
Greetings! With Experimental Biology 2015 just around the corner, we would like to encourage all trainees to take note of the WEH- and APS-sponsored trainee events. We are also organizing the 3rd annual “Mentoring on the Go” program this year, where each trainee (undergraduate, graduate, medical, or post-doctorate) that has submitted a first-authored abstract will be assigned a “meeting mentor” to provide outside mentorship, professional development, and networking opportunities! You and your mentor will be receiving further information regarding the assignments by mid-March.

*Call for Photos*: Trainees, we ask that you please submit your meeting photos to the WEH TAC to be featured in our newsletter and Facebook site. Please send your EB2015 photos to cbanek@umn.edu at your earliest convenience following the meeting.

**Events at EB Trainees Should Not Miss!**

Saturday 3/28/14
- Trainee Award Finalist Session, Room 205C, 2:15pm-4:15pm
- Data Diuresis Symposium and Trainee Mixer, Room 205C, 4:15pm-5:20pm
- Undergraduate Orientation Session, Commonwealth Ballroom A/B (Westin Boston Waterfront), 3:30-5:30pm

Sunday 3/29/14
- WEH Section Business Luncheon and Banquet, Salvatore’s Restaurant, 12:30pm-2pm
- WEH Section Starling Award Lecture, Room 210A, 3:15-4:15pm
- WEH Section New Investigator Award Winner Lecture, Room 210A, 4:15-5:15pm
- Undergraduate Poster Session and David Bruce Outstanding Award Reception, Halls A&B (Ground Zero), 3:30-5:30pm
- Physiologists in Industry Committee (PIC) mixer, (6:45 PM in the Revere Room of the Westin Boston Waterfront)– Come and network with physiologists in industry!

Tuesday 3/30/14
- Careers in Physiology Committee Symposium, “Resilience is Power: Dealing with the Ups and Downs of Your Scientific Career”, 8:00-10:00am. Chairs: Wehrwein & Schnackenberg

Wednesday 4/1/14
- APS Trainee Advisory Committee Symposium, “Hiring, Firing, and Beyond”, Room 206A, 10:30-12:30pm. Chairs: Greenle-Mitzelfelt & Banek
- Women in Physiology Committee Symposium, “Mentoring for Diverse Careers: Mentor and Protégé Perspectives”, Room 205B, 8:00-10:00am. Chairs: Dwinell & Mathis
- Nobel Laureate Dr. Robert Lefkowitz Lecture, Room 210BC, 4:45-5:45pm. **Trainee reception to follow lecture!**

For more information and resources, please visit our LinkedIn page: [http://www.linkedin.com/groups/APS-Water-Electrolyte-Homeostasis-Section-](http://www.linkedin.com/groups/APS-Water-Electrolyte-Homeostasis-Section-).
WEH Awards Committee Report

Christine Schnackenberg, WEH Awards Chair
Maggie Alonso-Galicia, WEH Awards Co-Chair

First, THANK YOU to all of the members of the awards committee. The awards committee is composed of: Peter Bie, David Brooks, Tom Cunningham, JR Haywood, Carmen Hinojosa-Laborde, Carol Moreno-Quinn, Carrie Northcott, Pontus Persson, Kathryn Sandberg, and Cathy Uyehara with a special thank you to my co-chair, Maggie Alonso-Galicia. We had a great applicant turnout this year and it was a tight competition. We should all be very proud of the excellent research that our trainees are engaged in and we thank you all for submitting your best work to a WEH-sponsored feature topic!

Second, CONGRATULATIONS to all of our finalists and awardees. Some are announced below and others will be announced at the WEH luncheon and business meeting.

The 2015 WEH New Investigator is Dr. Justin Grobe, Assistant Professor in the Department of Pharmacology, Roy J. & Lucille A. Carver College of Medicine, The University of Iowa. Dr. Grobe received his PhD in pharmacodynamics from the University of Florida. As a postdoctoral fellow, Dr. Grobe studied in the laboratories of Dr. Mohan Raizada at the UF and Dr. Curt Sigmund at the University of Iowa. He was promoted to assistant professor in Internal Medicine at the University of Iowa. He has received numerous awards including Fellow of the American Heart Association and recipient of the American Society of Hypertension Young Scholar Award. Dr. Grobe is also a dedicated mentor who has trained numerous medical, graduate, undergraduate, and high school students. Dr. Grobe is currently funded by the NIH, AHA, and American Diabetes Association. Please join us for his talk on “Divergent mechanisms of cardiovascular and metabolic control by the brain renin-angiotensin system,” on 4:15 - 5:15 PM, Room 210A in the Boston Convention & Exhibition Center

2015 Juan Carlos Romero WEH Section Postdoctoral Research Recognition Awards finalists are:
Dao Ho from the University of Alabama at Birmingham in the Section of Cardio-Renal Physiology & Medicine, Division of Nephrology under the mentorship of Jennifer Pollock.
Keisuke Shinohara from the University of Iowa in the, Department of Pharmacology under the mentorship of Curt Sigmund.
Mark Cunningham from the University of Mississippi Medical Center in the Department of Pharmacology & Toxicology under the mentorship of Babbette LaMarca.

2015 WEH Section Predoctoral Research Recognition Awards finalists are:
Ellen Gillis from the University of Mississippi Medical Center, Department of Pharmacology & Toxicology under the mentorship of Jenny Sasser.
Jerneja Stare from the Research Institute of the McGill University Health Center under the mentorship of Charles Bourque.
John Henry Dasinger from the University of Mississippi Medical Center in the Department of Physiology under the mentorship of Barbara Alexander.

You can hear their talks and see the Trainee final competition on March 28th from 2:15 – 3:15 PM, Room 205C in the Boston Convention & Exhibition Center.

The Research Distinction Awards in the Postdoctoral and Predoctoral divisions and the AJP:RIC award will be announced at the WEH luncheon and business meeting.
The APS Physiologists in Industry Committee (PIC) is sponsoring a Symposium at EB2015 entitled “Targeting Gut Microbiome in Human Diseases and as Novel Therapeutics” on Sunday, March 29, 10:30–12:30pm at Boston Convention Center Room 205B. This symposium covers the spectrum of intestinal microbiome research, from basic concepts in mammalian gut microbiome to disease associations and therapeutic implications. Advances in DNA sequencing and bioinformatics have revolutionized our understanding of the microorganisms that inhabit the gut. This new knowledge helps us understand how host–bacterial interactions contribute to normal physiology and provides the foundation to formulate novel therapeutic strategies. In this symposium, speakers will describe specific and potential therapeutic applications of the targeting gut microbiome. This section will be chaired by Carol Moreno Quinn, M.D. Ph.D. and co-chaired by Suttira Intrapad, Ph.D., the recipient of the 2014 postdoctoral PIC Novel Disease Model Award.

The PIC Novel Disease Model Award is sponsored by Novo Nordisk Research Centre China, a world leader in developing innovative treatments for Diabetes. Two awards are granted each year to a graduate student ($500) and a postdoctoral fellow ($800) who submit the best abstracts at EB meeting describing a novel disease model, with clear emphasis on the potential utility of the system for future research related to a disease. The recipients of the 2015 PIC Novel Disease Model Award are: doctoral awardee, Ms. Casey Y. Carmichael, Boston University School of Medicine, Dept. of Pharmacology and Experimental Therapeutics, and her abstract entitled “The renal afferent nerves: A role in countering salt-sensitive hypertension”. Post-doctoral awardee: Dr. Denise C. Cornelius, Ph.D., University of Mississippi Medical Center, Dept. of Pharmacology, and her abstract entitled “Placental Ischemia-Induced TH17 Cells Mediate the Pathophysiology Associated with Preeclampsia”. Both awards will be presented at the APS Business Meeting on Tuesday, March 31 at 5:45 PM in Room 210BC of the Boston Convention Center.

The annual PIC committee meeting will be held on Sunday, March 29, 2015, 2:30-4:00pm, chaired by WEH member Eugene Shek. This is the committee’s annual opportunity to have a face-to-face meeting to discuss committee business and new initiatives. Please feel free to contact Carol Moreno Quinn, your PIC section representative if you have new ideas and matters to be brought to the attention of the PIC.

Our Water and Electrolyte Homeostasis Section Statement of Organization and Procedures (SOP) was updated and approved for adoption by the WEH membership at the WEH business meeting at EB 2014. The terms of office of the Steering Committee positions were clarified, and accordingly, the following WEH Steering Committee positions will become available with terms of the current incumbents ending at the close of the 2016 EB spring meeting:

- Councilor-at-Large Translational Research
- Councilor-at-Large Membership
- Section Science Policy Advocacy Liason

The election of the Chair will take place in 2015, by ballot vote of the regular membership with a primary affiliation in the WEH Section, to allow for overlap of the outgoing and incoming Chair for a year. Please be on the lookout for a ballot to be sent by APS via email. Candidates for the other positions will be elected by the Steering Committee. If you would like to serve in any of these positions, or wish to nominate someone, please contact Chair Jennifer Pollock. It is a great way to become involved with your section.
Jenny Sasser, WEH Historian/Columnist

This year at the Experimental Biology meeting, the Water and Electrolyte Homeostasis Section will present the first annual Leonard Share Award to honor a WEH section member for his/her research and service to the section and the APS. This award was established in the memory of Dr. Leonard Share, the founding leader and first chair of our section.

Leonard Share received a Bachelor's degree in Biology from Brooklyn College and a Master's degree in Zoology from Oberlin College before obtaining a Ph.D. in Physiology from Yale University in 1951. Dr. Share completed his postdoctoral training at Western Reserve University School of Medicine. There, he began his career as an instructor in 1952, and he rose to the rank of Full Professor in 1968. In 1969, Dr. Share was recruited as Chair of the Department of Physiology at The University of Tennessee College of Medicine, a position he held for 17 years. As chair, he recruited numerous outstanding faculty in the fields of cardiovascular, renal and neurophysiology in order to transform the Department of Physiology into an internationally recognized research department. He remained at the University of Tennessee as a Distinguished Professor until his retirement in 1999. He also served as President of The University of Tennessee Health Science Center Faculty Senate and as a member of the Board of Trustees of The University of Tennessee Health Science Center.

During Dr. Share’s career, he established himself as one of the foremost international authorities on the regulation of vascular volume and blood pressure by discovering the role of vasopressin (antidiuretic hormone) in controlling these important parameters. He and his colleagues published over 200 peer-reviewed manuscripts in outstanding medical and basic science journals, and his work was continuously supported with grants from the National Institutes of Health from 1953 to 1999, including a prestigious MERIT Award. Dr. Share served as a member of General Medicine B study section of National Institutes of Health and as a member of the editorial boards of *Endocrinology* and the *American Journal of Physiology*. He organized and became the first director of the Cardiovascular-Renal Center at The University of Tennessee Health Science Center, and he was very active as a member of numerous scientific societies. He was an active member of the American Physiological Society and served the Physiology community from 1978 – 1979 as President of the Association of Chairmen of Departments of Physiology and as a representative to the Council of Academic Societies of the American Association of Medical Colleges (1985 – 1991). He also served as chairman of the research committee of the Tennessee Affiliate of the American Heart Association, and he was elected to the American Heart Association’s Council for High Blood Pressure Research. In 1995, he was named the Honorary Chairman of the First International Congress of Neurohypophysis and Vasopressin in Japan.

In addition to his outstanding research contributions, Dr. Share’s legacy lives on in our section and the APS through his mentorship of several of our current members, and he is remembered by his former trainees for his dedication to promoting their career development. He trained numerous young scientists from around the world, and he directed a NIH Cardiovascular Research Training Program for minority students for nearly 10 years.
Career Opportunities in Physiology Committee

Christine Schnackenberg, WEH Representative

The Career Opportunities in Physiology Committee (COPC) supports a number of APS programs and awards to foster the career development of all physiologists.

At EB2015, the COPC is sponsoring activities for you.

Symposium: Resilience is Power: Dealing with the ups and downs of your scientific career. A not-to-be-missed event for physiologists at all career stages, Boston Convention Center, Room 207 at 8:00 am on Tuesday, March 31, 2015.

Undergraduate Orientation and Poster Sessions. Open to all undergraduate students attending EB, this session serves as a primer to help the students get the most out of their EB experience, and includes award presentations for various APS-sponsored undergraduate research programs. The orientation will be held in the Westin, Commonwealth Ballroom A/B from 3:30-5:30 pm on Saturday, March 28. There is also a special poster session for undergraduate students at EB, held from 3:30-5:30 pm on Sunday March 29 (East Registration Area) – please stop by and meet the next generation of physiologists!

The COPC administers APS-sponsored awards for students.

APS Video Contest – VOTE NOW!! Each year we encourage undergraduate and graduate students to creatively connect with physiology and bring it to the broader public through a short video contest. In addition to a first place prize of $750, there is a $250 viewer’s-choice award – YOU be the judge! Follow the link (http://bit.ly/1wzfckq) to view previous winners and this year’s entries. Vote for your favorite entry before March 28!

Summer Undergraduate Research Fellowships. These awards encourage undergraduate students to pursue a career in research, and provide a $4000 stipend and $1300 in Experimental Biology travel support to the student, and a $300 grant to the APS member’s lab. Awards are available both for students with little or no prior research experience (Undergraduate Summer Research Fellowship or UGSRF) or significant exposure to research already (>9 months; Undergraduate Research Excellence Fellowships or UGREF). Applications for 2015 closed on February 1st, but keep this program in mind for next year. More information can be found on the website http://www.the-aps.org/mm/awards/Other-APS-Awards/Undergraduate.

Excellence in Professional (MD/DO) Student Travel Awards. This award provides medical students (not MD/PhD) who are first-authors on an EB abstract with up to $1,800 in reimbursement for travel and advanced meeting registration for Experimental Biology. This award is designed to foster the student’s interest in research by aiding in their participation in the Experimental Biology meeting, along with gaining valuable advice from MD/DO “meeting mentors”. Keep this award in mind for next summer’s crop of future clinician scientists! Applications are due one week after the Experimental Biology abstract deadline in November. See the APS website (http://www.the-aps.org/mm/awards/Other-APS-Awards/Graduate-or-Medical-Student#md) for info.

Local Science Fair Prizes. Know of a science fair near you? The APS has FREE prizes to give away! Just fill out a simple online request form and APS members can present one award per science fair. Student winners receive an APS t-shirt and a certificate for the best project. The teachers of the winning students will receive an APS teaching resource packet. Follow this link for further details: http://bit.ly/1BkhnLu

Visit us at our web page!!

For general information related to the activities and organization of the WEH Section of the APS, please visit us at our web page http://www.the-aps.org/mm/HP/Audiences/Sections/Water-Electrolyte
14th Annual Physiologists in Industry Committee Mixer

You're invited! Come meet, eat and socialize with your fellow Physiologists who are working in the industrial, academic, or government sectors. The Annual Physiologists in Industry Committee Mixer will feature free hors d’oeuvres along with information on the roles of Physiologists in Industry. The mixer will be held on **Sunday, March 29, at 6:45 PM in the Revere Room of the Westin Boston Waterfront.** This is a great opportunity to network with our industry and academic APS members alike – we hope to see you there!

WEH Section Membership Report

*Babbette LaMarca, WEH at Large Councilor for Membership.* This has been a very active and exciting year for WEH! Since EB 2014 we have had the largest growth that I’ve seen as the membership councilor at large. 13 new regular members, 10 new graduate students and 5 undergraduate members have joined our section. We will provide free entry to our new members to WEH luncheon at EB 2015. Four of these new members joined following the deadline last year that will be provided entry to EB 2016 luncheon.

Reminder to all regular members as you encourage new members to join APS inform them that WEH will pay first year of membership for a new member of APS ‘IF’ they place WEH as their primary section prior to close of abstract submission for EB 2016.

2015 Ernest H. Starling Distinguished Lecturer

**Dr. Jane F. Reckelhoff**

In addition to her election as APS President Elect, Dr. Reckelhoff will be honored by the WEH Section with the **2015 Ernest H. Starling Distinguished Lecturer, Dr. Jane F. Reckelhoff.** Dr. Reckelhoff is a Billy S. Guyton Distinguished Professor, and Professor of Physiology & Biophysics at the University of Mississippi Medical Center. She is also the Director of the Women’s Health Research Center and Director of Research Development in the UMMC Office of Research. Dr. Reckelhoff has been a leader in research related to understanding how sex steroids and gender differences impact the development of hypertension and renal disease.

Editor’s Report: American Journal of Physiology, Regulatory, Integrative and Comparative Physiology

**W.K. Samson, Editor-in-Chief, AJP-RIC.** The journal closed out 2014 with a total of 509 manuscripts submitted. Our median time to first decision (i.e. turn around time) was 21 days and our overall acceptance rate was 55%. Research articles made up 90% of the articles received in 2014, 6% were review articles and the remainder editorial or innovative methodology manuscripts. We partnered in 2014 with several APS sponsored meetings to invite review articles from keynote speakers and in 2015 will work with the organizers of two APS sponsored meetings: the 14th International Conference on Endothelin (September 2-5) and the Conference on Cardiovascular, Renal and Metabolic Diseases: Physiology and Gender (November 17-20). We will once again feature the “Data Diuresis” presentations this year with Jennifer Sullivan serving as Guest Editor. We currently have one Call for Papers in place: Oxygen and Regulator of Biological Systems (Roger Evans, Editor) and welcome suggestions for new Calls. Finally we thank J. Thomas Cunningham and Sean Stocker for helping our as guest editors for the Calls on Fluid and Electrolyte Homeostasis and Central Control of Cardiovascular Function, respectively.
Get Involved! The American Physiological Society Chapter Program is designed to promote at the local level, the general objectives of the Society, including its goal of interdisciplinary contracts among research workers interested in the physiological sciences and education of the general public and future physiologists. Check out the local chapters listed on the APS website at: [http://www.the-aps.org/mm/hp/Audiences/Chapters](http://www.the-aps.org/mm/hp/Audiences/Chapters) to find a chapter near you!

Visit the PhUn Week Poster Session at EB2015

Come and support your WEH colleagues as they share ideas about promoting the physiological sciences to K-12 students.

**When:** Sunday, March 29th, 7:00-8:30 am.

**Where:** Westin Boston Riverfront, Westin Grand Ballroom B

A light breakfast will be served. Hope to see you there!

Support Undergraduate Physiologists at EB2015

The **David S. Bruce Awards** are presented annually to undergraduates students who present their work at the EB meeting. This year, Undergraduate Poster Session and David Bruce Outstanding Award Reception will be held in Halls A&B (Ground Zero) from 3:30-5:30pm pm in the Boston Convention Center on Sunday, March 29. This is a great opportunity to visit with the future of physiology.

Neural, Hormonal and Renal Interactions in Blood Pressure Control: Mussoorie, Uttarakhand, India (December 7-10, 2015): The conference will be held at the Fort Resort, Mussoorie, nestled in the foothills of the Western Himalaya ([http://www.royalorchidhotels.com/royal-orchid-fort-resort-mussoorie/overview.asp](http://www.royalorchidhotels.com/royal-orchid-fort-resort-mussoorie/overview.asp)). The theme of the meeting will be the ‘big questions’ in blood pressure control and cardiovascular biology. The early bird registration fee is AUS$150 (before July 1), with an additional AUS$50 for each accompanying adult (18 years or older). Contact Roger Evans (roger.evans@monash.edu) for further information.

**APS Events and Opportunities**

**APS Chapters**

**Get Involved!** The American Physiological Society Chapter Program is designed to promote at the local level, the general objectives of the Society, including its goal of interdisciplinary contracts among research workers interested in the physiological sciences and education of the general public and future physiologists. Check out the local chapters listed on the APS website at: [http://www.the-aps.org/mm/hp/Audiences/Chapters](http://www.the-aps.org/mm/hp/Audiences/Chapters) to find a chapter near you!

**WEH Facebook page!**

**Did you know that the WEH has a Facebook Page?** Our WEH Trainees are doing a great job posting WEH related current events, in addition to highlights and notices specific for APS trainees! A BIG thank you to our WEH TAC representative and Subcommittee!

**Join the WEH Network on LinkedIn!**

**Did you know that the WEH is part of the world’s largest professional network?** Our WEH Trainees are doing a great job keeping us current in this every changing world. Please join us on LinkedIn and remember to thank our WEH TAC representative and Subcommittee! The direct link is: [http://www.linkedin.com/groups/APS-Water-Electrolyte-Homeostasis-Section-5191181?trk=my_groups-b-grp-v](http://www.linkedin.com/groups/APS-Water-Electrolyte-Homeostasis-Section-5191181?trk=my_groups-b-grp-v)
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