News from the Chair, Jane Reckelhoff

The Section has another very exciting program highlighted by the APS WEH Section Trainee Awards Symposium, the Young Investigator Lecture and the Starling Lecture. Our Trainee Symposium is going into its fourth year and once again we are delighted and 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. Kirk Conrad will be our 2010 Starling Lecturer and that Dr. Alejandro Chade is the 2010 New Investigator Awardee. I would also like to invite everyone to attend the cross sectional symposium in memoriam of Dr. Juan Carlos Romero. This symposium will be chaired by Drs. Joey Granger and Lizette Warner, Dr. Romero’s last graduate student, and the speakers are former trainees and colleagues of Dr. Romero. I invite you to our Business Meeting and Luncheon on Sunday where you will have a chance to meet and congratulate all our awardees. Finally, we would like to congratulate our new APS President-elect, Dr. Joey Granger. See you all in Anaheim!!

EB 2010 WEH Business Luncheon  Sunday, April 25
Tom Cunningham, WEH Secretary/Treasurer
Please BUY YOUR TICKETS for the Annual WEH Business Luncheon at EB 2010 that will take place on Sunday, April 25, 2010 at 11:30 am to 1:00 pm at the Catal Restaurant, 1580 Disneyland Dr., Anaheim. The luncheon cost is $5 for Students and Post-doctoral Fellows and $25 for all other attendees. The DSI-WEH Student and Fellow Awardees will be announced at the luncheon.
Tickets are NOW available online through APS at http://www.the-aps.org/meetings/eb10/banq_tix/weh.htm

2010 Ernest H. Starling Distinguished Lectureship
Kirk P. Conrad, PhD
Maternal Vasodilatation in Pregnancy: The Emerging Role of Relaxin
Monday, April 26, 2:00-3:00 PM, Ballroom C

2010 WEH New Investigator Award
Alejandro R. Chade, MD
The Renal Microcirculation: How Important Those Small Vessels Are For the Kidney
Monday, April 26, 8:00-8:30 AM, Room 303D
WEH Programming EB 2010

Jennifer Pollock, WEH Joint Programming Committee Representative

Look for the full program on-line at http://www.the-aps.org/meetings/eb10/program-day.htm.

Saturday, April 24, 2010

- 4:15-5:15 PM Room 303D. **WEH Trainee symposium.** Chairs: Alicia McDonough (USC) and Carol Moreno-Quinn (MCW). Predoc Finalists: January May Andaya (Univ of Hawaii), Sydney Murphy (Univ Miss Med Ctr), Mohamed Saleh (Med Coll Georgia). Postdoc Finalists: Micheale Manigrasso (Univ Miss Med Ctr), Analia Loria (Med Coll Georgia), Jianli Bi (Wake Forest Univ Sch Med).
- 5:45-6:45 PM Convention Center Ballroom B/C. **Walter B. Cannon Lecture**
- 7:00-9:00 PM Convention Center Ballroom A. **APS Opening Reception.** Free, but tickets required

Sunday, April 25, 2010

- 8:00-10:00 AM Room 303A **Featured Topic: Autoregulation and renal injury.** Chair: Heather Drummond (Univ Miss Med Ctr) Featured Speaker: Christopher Wilcox (Georgetown).
- 11:30 AM-1:00 PM Catal Restaurant **WEH Section Business Luncheon.** Tickets required

Monday, April 26, 2010

- 8:00-10:00 AM Room 303D. **Featured Topic: Blood pressure and fluid volume homeostasis.** Chairs: Thomas Cunningham (UNTHSC) and Alejandro Chade (Univ Miss Med Ctr). Featured Speaker: Alejandro Chade, New Investigator Award Winner.
- 2:00-3:00 PM Convention Center Ballroom C. **Starling Lecture: Maternal Vasodilatation in Pregnancy: The Emerging Role of Relaxin** Chair: Jane Reckelhoff (Univ Miss Med Ctr) Distinguished Lecturer: Kirk Conrad (Univ of Florida)
- 3:15-5:15 PM Convention Center Ballroom C. **Cross-Sectional Symposium: Humoral factors in renal injury and hypertension.** This memorial symposium highlights the work of Dr. Juan Carlos Romero. Chairs: Joey Granger (Univ Miss Med Ctr) and Lizette Warner (Mayo). Speakers: Lilach Lerman (Mayo), Steve Textor (Mayo), Vicente Lahera (Madrid), Javier Salazar (Murcia). The speakers and chairs are Carlos’ former trainees.
- **WEH Poster Session: Neural control of blood pressure and fluid volume homeostasis**
- **WEH Poster Session: Inflammatory mediators, autoregulation, and cardio-renal function**

Tuesday, April 27, 2010

- 8:00-10:00 AM Room 303D. **Featured Topic: Sex Steroids in Cardiovascular Physiology and Pathophysiology.** Chairs: Barbara Alexander (Univ Miss Med Ctr) and Donna Korzick (Penn State). Speakers: Jane Reckelhoff (Univ Miss Med Ctr), Elizabeth Murphy (NIH).
- 10:30 AM-12:30 PM Convention Center Ballroom B. **Cross-Sectional Symposium: One Hundred Years of Starling.** This is co-sponsored by the History Section and WEH. Chairs: Jane Reckelhoff (Univ Miss Med Ctr), Rafael Rubio (Mexico). Speakers: Charles Michel (London), John Hall (Univ Miss Med Ctr), Virginia Huxley (Univ Missouri), John Solaro (Univ Ill-Chicago).
- **WEH Poster Session: Water and Electrolyte Homeostasis**

Wednesday, April 28, 2010

- 8:00-10:00 AM Convention Center Ballroom B. **WEH Translational Symposium: A. Clifford Barger Memorial Symposium: New insights into the relationship between sodium metabolism and blood pressure regulation.** Chairs: Michael Humphreys (UCSF), Peter Bie (Univ So. Denmark). Speakers: Jens Titze (Univ Erlangen-Nürnberg, Germany), Peter Bie (Univ So. Denmark), Jennifer Pollock (Med Coll Georgia), Curtis Morris (UCSF).
- **WEH Poster Session: Sex-dependent mechanisms in cardiovascular and renal pathophysiology**
The American Journal of Physiology—Regulatory, Integrative and Comparative Physiology is soliciting submission of original manuscripts addressing the physiological, cellular, and molecular mechanisms by which mitochondrial function/dysfunction is determined and regulated.

This Call for Papers is in recognition of advances in our understanding of the diverse mechanisms by which mitochondria sense and respond to acute and chronic challenges and how such altered function integrates cellular and organ processes in both health and disease. Appropriate topics include regulation of mitochondrial biosynthesis, control of mitochondrial respiration, reactive oxygen species production/scavenging, mitochondrial signaling, substrate flux control/metabolic flexibility, morphology, fission/fusion, coupling/uncoupling, bioenergetics, permeability transition, mitophagy, and apoptosis. Papers dealing with normal as well as aberrant mitochondrial function in the context of physiological systems are encouraged, particularly those dealing with exercise, aging, and/or various cellular stressors (i.e., hypoxia, temperature, etc.) as well as specific disorders including obesity, diabetes, cancer, and diseases of the cardiovascular, kidney, respiratory, and central nervous systems. This call for manuscripts includes cellular/molecular, biochemical, integrative, comparative, and translational studies. To be eligible for inclusion in this Call for Papers, manuscripts must be submitted by December 31, 2010. During the online submission, under the “Keywords, Categories, & Special Section” tab, please choose “Mitochondrial Function/Dysfunction in Health and Disease” under “categories.” In addition, include a note in your cover letter indicating you are responding to the “Mitochondrial Function/Dysfunction in Health and Disease” Call for Papers.

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 (I would be happy to do this for you). Both forms can be found at www.the-aps.org/committees/nominate.htm. Please send me the forms when they are completed so I can submit them to APS.

CONGRATULATIONS
Joey Granger was voted to be APS President-Elect
APS Trainee Advisory Committee (TAC)

Jennifer M. Sasser, WEH Representative

TRainees—APS needs you to be involved and have a say in our society. Please consider nominating yourself for a trainee position on one of the APS Standing Committees. Please see me or Dr. David Mattson (WEH CoC Representative) at the WEH section luncheon with any questions. For more information and useful links, including tips on career planning and job searches, visit the trainee website http://www.the-aps.org/trainees/, and subscribe to the Trainee ListServ.

Check out APS on Facebook (http://www.facebook.com/home.php#!/pages/American-Physiological-Society-Trainees/150415120501?ref=ts). This page is public and provides a great venue for APS Trainee related news, updates, and physiology-relevant discussions. Please contact me if you have any comments related to trainee issues.

“Don’t Miss” Symposia at Experimental Biology

- **Sunday, April 25 at 8:00 am** the Careers Symposium: “Government Careers in Physiology Revealed” will describe career opportunities in several settings, including NIH, EPA, FDA and DoD.
- **Monday, April 26 at 3:15 pm** the TAC Symposium: “Publish, Not Perish: How to Survive the Peer Review Process” will be. Invited speakers will discuss 1) How to Select a Journal, (2) Who are the Reviewers and What Are They Looking For? (3) Responding to Reviewers: Put Your Feelings in a Drawer and Regain Objectivity and (4) How To Be a Constructive Reviewer.
- **Tuesday, April 27 at 8:00 am** the Mentoring Symposium: "A Primer for the New PI: How to Herd Cats AND Keep Your Boss Happy" sponsored by the Women in Physiology Committee. Specific issues of concern to newly independent scientists will be addressed: (1) establishing an identity at a new institution; (2) managing the material resources available; (3) maintaining a productive work environment; and (4) becoming an active participant in other institutional missions.

Physiologists in Industry Committee (PIC)

Maggie Alonso-Galicia, WEH Representative

Check out the PIC-sponsored Symposia at EB!

**Sunday, April 25 from 8:00 – 10:00 am Convention Center Ballroom A.** "Novel Opportunities for the Treatment of Heart Failure". Attendees will gain an appreciation for the new and emerging therapeutic approaches to modify the pathophysiology of heart failure.

**Wednesday, 28 April from 8:00 – 10:00 am Convention Center Ballroom C.** "Integrins: New Insights and Therapeutic Targets" This symposium will review a) factors leading to integrin activation and key signaling pathways elicited by them, b) the pharmacological and toxicological profile of the gastrointestinal-selective, anti-inflammatory therapeutic vedolizumab in non-human primates, c) the signals regulating focal adhesion formation and cell mobility, and d) targeted siRNA delivery to leukocyte-implicated diseases.

The APS PIC meeting is scheduled for **Sunday, 4/25, 6:45 – 7:55 am Marriott, Grand Ballroom in Salon J.** 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 me if there are issues to be brought to the attention of the PIC.

You're invited! The 10th Annual Liaison with Industry Committee Mixer at EB ‘10 is on Sunday, April 25th, 7:00 – 9:00 PM in the Marriott, Orange County Ballroom Salon 2. Come meet and socialize with your fellow Physiologists who are working in the corporate and/or industrial sector.

FREE hors d’oeuvres will be available along with a subsidized cash bar.

This is a great opportunity to network with Industry APS members – we hope to see you there!
Steering Committee

Jane F. Reckelhoff, PhD (Chair)
University of Mississippi Medical Center
Jackson, MS 39216-4505
Phone: 601-984-1819
Fax: 601-984-1817
Email: jreckelhoff@physiology.umsmed.edu

Tom Cunningham, Ph.D. (Secretary/Treasurer)
University of North Texas Health Science Center
Fort Worth, TX  76107
Phone: 817-735-5096
Fax: 817-735-5084
Email: tcunning@hsc.unt.edu

Jennifer S. Pollock, PhD  (JPC Representative)
Medical College of Georgia
Augusta, GA 30912
Phone: 706-721-8514
Fax: 706-721-9799
Email: jpollock@mcg.edu

David Mattson, PhD (CoC Representative)
Medical College of Wisconsin
Milwaukee, WI 53226
Phone: 414-456-8265
Fax: 414-456-6546
E-mail: dmattson@mcw.edu

Jennifer M. Sasser, PhD (TAC Representative)
University of Florida
Gainesville, FL 32610-0274
Phone: 352-392-8151
Email: jmsasser@ufl.edu

Magdalena Alonso-Galicia, PhD (PIC Representative)
Boehringer Ingelheim Pharmaceuticals, Inc..
Ridgefield, CT  06877
Phone: 203-791-5858
Fax: 203-791-6089
Email: magdalena.alonso-galicia@boehringer-ingelheim.com

Peter Bie, MD, DMSc (International Representative)
Dep. Physiology & Pharmacology
Univ. of Southern Denmark
21 J.B.Winsløwsvej, room 3-20,
DK-5000 Odense, Denmark
Phone: 45 65503799

Fax: 45 66133479
Email: pbie@health.sdu.dk

Michael Humphreys, MD (Translational Physiology Representative)
Univ California San Francisco
San Francisco, CA 94110
Phone: (415) 502-3834
Fax: 415-282-8182
Email: mhumphreys@medsfgh.ucsf.edu.

Carolyn Ecelbarger, PhD (At-Large Councilor)
Georgetown University
Washington, DC
Phone: 202-687-0653
Email: ecelbarc@georgetown.edu

Shyama M.E. Masilamani, Ph.D. (At-Large Councilor)
MCV/VCU, Division of Nephrology
Phone: 804-827-1731
Fax: 804-828-7567
Email: smasilamani@vcu.edu

Catherine F.T. Uyehara, Ph.D. (At-Large Councilor)
Department of Clinical Investigation, TAMC
Phone: 808-433-7163
Fax: 808-433-7162
Email: catherine.uyehara@amedd.army.mil

David P. Brooks, PhD (Past Chair)
Senior Director,
External Research and Early Development
Johnson & Johnson PRD
Phone: 609-730-7498
Cell: 610-716-1034
Email: dbrooks9@its.jnj.com

Curt D. Sigmund, PhD (Councilor and ex officio member, AJP: Regulatory, Integrative and Comparative Physiology Editor)
University of Iowa
Iowa City, IA 52242
Phone: 319-335-7604
Fax: 319-353-5350
Email: curt-sigmund@uiowa.edu