EB2015 was a highly successful meeting for the Renal Section! In particular, we had excellent featured topics and symposia thanks in large part to our JPC representatives, Paul Welling and Pablo Ortiz.

The EB2015 Renal Dinner sold out (225 tickets). Michelle Gumz, our erstwhile Renal Section Treasurer, has already arranged for a great venue for EB2016 (see details in Michelle’s section below) – be sure to sign up early!

The EB2015 Posters and Professors session was very well attended; in light of the importance of trainee recognition and trainee-faculty interaction, we are expanding this session from 10-20 posters for EB2016. Ten posters (5 pre-doc and 5 post-doc) will be judged, while the other 10 will be non-judged trainee recognition posters.

Michelle Gumz and other members of the Renal Section have been busy fundraising. As you likely know, the dinner and a number of the awards are subsidized by fund raising. I encourage you to help by donating – the link is on the main page of the Renal Section website (http://www.the-aps.org/mm/hp/Audiences/Sections/Renal). You can designate your contribution to go to either the Endowment (your contributions are matching by APS) or the General Fund (money can be immediately used to support any Renal Section ventures, including the Renal Dinner).

Ed Inscho is our new JPC rep. Much thanks to Paul Welling, who did a terrific job leading this committee for the past 3 years. Also, thanks you to all members of the Renal Section SC for their continued efforts.

EB2016 abstracts are due on November 5, 2015. Also, please note the deadline for award applications described below in this Newsletter. I strongly encourage you to nominate someone for an award!

Michelle Gumz and other members of the Renal Section have been busy fundraising. As you likely know, the dinner and a number of the awards are subsidized by fund raising. I encourage you to help by donating – the link is on the main page of the Renal Section website http://www.theaps.org/mm/hp/Audiences/Sections/Renal. You can designate your contribution to go to either the Endowment (your contributions are matched by APS) or the General Fund (money can be immediately used to support any Renal Section ventures, including the Renal Dinner).

I look forward to seeing you in San Diego!

IMPORTANT RENAL DEADLINES

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EB 2016 in San Diego!
Call for Nominations – Due November 21, 2015

2016 Robert Berliner Award Excellence in Renal Physiology

The 2016 Robert W. Berliner Award for Excellence in Renal Physiology is the most prestigious award of the APS Renal Section. The award recognizes distinguished lifetime achievement in renal physiological research by a living scientist. Candidates must be at least 60 years of age, and must have been a major contributor to the field of renal physiology over a lifetime, including accomplishments in research, teaching, training and activities within the APS.

The recipient will be honored at the 2016 Renal Dinner, and will participate in the Renal Section’s “Posters and Professors” Reception. Nomination materials consist of the candidate’s CV and a nomination letter summarizing the candidate’s qualifications. Nominations from previous years are automatically carried forward for consideration in the following years. Nomination materials must be submitted no later than November 21, 2015.

Call for Nominations – Due February 27, 2016

2017 Renal Section Young Investigator Award

The Young Investigator Award recognizes an outstanding young investigator pursuing research in renal physiology, pathophysiology or hypertension. Candidates must be less than 41 years of age or less than 15 years beyond earning their first doctoral degree, and must have published original work in AJP Renal Physiology (or similar) during the preceding four years.

Candidates will be judged on their nomination letters, funding record and publications. The recipient will present the Young Investigator Award Lecture, organize/chair a featured topic session, participate in the Renal Section’s Posters and Professors Reception and be recognized at the Renal Dinner during EB 2016. Nomination materials must be submitted by February 27, 2016.
EB’16 in sunny San Diego, CA (April 1 to 6th) promises to be a wonderful meeting. Outstanding symposia are programmed, highlighting current advances in the field. With the new programming format, you have the opportunity to enjoy renal physiology from Sunday through Wednesday. The meeting provides an ideal venue to present your latest findings in highly interactive Oral and Poster sessions.


Please be sure to submit your abstracts to Renal Section Topics.

Talks will be selected from abstracts submitted to the 1) Young Investigator Featured Topic (one session, 1275-APS Novel signaling and transport mechanisms in the collecting duct), and 2) the Renal Topics listed below (Two sessions). Trainee authors of the two top scoring abstracts will be invited to co-chair a Renal Featured topic oral session.

Please submit abstracts of your latest best work to the topics listed below:

**Renal Abstract Topics**

1275-APS Novel signaling and transport mechanisms in the collecting duct  
(Minolfa C. Prieto/Janus Peti-Peterdi)

1276-APS Diabetic renal disease

1277-APS Hormone and autacoid effects on the kidney

1278-APS Oxidative stress and hypoxia in the kidney

1279-APS Renal epithelial acid-base mechanisms

1280-APS Renal hemodynamics, glomerular filtration, and the renal vasculature

1281-APS Renal transport, trafficking, and regulation

1282-APS Kidney in hypertension

1283-APS Renal pathology, toxicology

1284-APS Renal water transport, urea transport, and countercurrent mechanisms

1285-APS Sex differences in renal function and disease

1286-APS Aging and Renal Function

1287-APS Nutrition, exercise and metabolic syndrome in renal function

1288-APS Omics and Systems Biology of Renal Function and Disease

1289-APS Renal Translational Physiology

1290-APS Acute kidney injury

1291-APS Immune cells and inflammation impact on kidney function and hypertension

1292-APS Cilia in renal function

**Sunday, April 2, 2016**

8:00-10:00 Featured Topic 1 *Advances in Kidney Physiology* (selected from highest scoring abstracts submitted to Renal section)

**Chairs:** Pablo Ortiz and highest scoring trainee abstract

10:30-12:30 Young Investigator Symposium, *Novel Signaling and Transport Mechanisms in the Collecting Duct*

**Chairs:** Minolfa C. Prieto (2016 Renal Section Young Investigator Awardee), and Janos Peti-Peterdi

Other presentations selected from highest scoring abstracts submitted to 1275-APS and Renal section

**Monday, April 3, 2016**

10:30-12:30 *Novel Mechanisms of Gene Regulation in the Kidney,*

**Chairs:** Michelle Gumz and Robert Hoover

10:30-12:30 *President’s Symposia,*

Dietary Influences on Physiological Control Mechanisms

3:15- 4:15 Gottschalk Lecture, David Ellison

*Aldosteronism, Addison Disease, and potassium: three sides of the same coin*
Tuesday, April 4, 2016
8:00-10:00  Featured Topic 2: Advances in Kidney Pathophysiology and Disease
(selected from highest scoring abstracts submitted to Renal section)
Chairs: Paul Welling and highest scoring trainee abstract

10:30-12:30  Still Unraveling the Mysteries of the Kidney with Isolated Tubules After All These Years
Chairs: Jeff M. Sands and Hedwenn L. Brooks

3:15-5:15  Cross-Talk Between Salt and Other Factors in Hypertension,
Shared FT with WEH
Chairs: TBN

Wednesday, April 5, 2016
8:00-10:00  Renal Potassium Sensing Mechanisms: A New Paradigm for Potassium Secretion
Chairs: David Ellison and Arohan Subramanya

10:30-12:30  ETG Symposium,
Compartmentalization of Signal Transduction in Epithelial Cell Biology
Chairs: Robert Fenton and Timo Rieg

4:45-5:45  Nobel Laureate Lecture, Roger Tsien
Physiological Mechanisms Responsive to Behavioral and Environmental Change

Submit Proposals to EB2017
We encourage you to submit a proposal for Renal Section Symposia at the Experimental Biology Meeting ’17. We especially encourage junior investigators to organize these sessions. No grey hair required. This is a great opportunity to ask friends, enemies, or scientific competitors to give talks highlighting their work. Everyone gets complimentary registration and there are additional funds to help with travel expenses. The process is easy. There is a form (EB Section-Sponsored Symposia Form) available for download at the following website: http://www.the-aps.org/mm/Conferences/EB Simply send (email) the completed form to one of us by March 30, 2016, so that we have time for discussion at EB ’16. Symposia are evaluated on theme, diversity of speakers/chairs (gender, race, stage of career), and potential impact. After review, selection, and final revision, your Renal JPC representatives will submit the selected symposia to APS. Please do not send the form directly to APS.
We would like to see more proposals from renal section members for the Integrative Symposia, which focus on topics that have broad interest (more than two APS sections/groups). Please consider working with colleagues in other sections to propose one of these highly attended symposia. Deadline for these is earlier, usually in early March, so start contacting your colleagues from other sections now.

News from the Treasurer, Michelle Gumz

EB 2016 RENAL DINNER

WHERE: Rockin’ Baja Coastal Cantina
K Street with 5th Avenue
San Diego, CA

WHEN: Monday, April 4th, 2016
6:30 – 11:00 PM

Based on the results of a poll sent to Renal Section members earlier this year, the next Renal Dinner at EB 2016 will be a little different! The banquet will feature tons of great Mexican food, buffet style with choices for everyone and an open bar with unlimited drinks (no drink tickets necessary)! The venue is conveniently located in the Gaslamp district and is about a block away from the convention center.
For questions please contact Michelle Gumz, PhD., Banquet Organizer Michelle.Gumz@Medicine.ufl.edu); or Ann Marie Bocus, APS Sections Administrator (abocus@the-aps.org); (301) 634-7976), or also at (http://www.theaps.org/mm/hp/Audiences/Sections/banquets/RenalBanqWeb.pdf).
Awards Committee
Robert Fenton (Chair)
Alexander Staruschenko (Co-Chair)

Firstly, the Renal Section would like to thank all of our judges for the 2015 awards. It is a hard job to critically judge many abstracts in various areas of renal physiology and we very much appreciate your ongoing commitment to this important endeavor. As in previous years, the APS Renal Section Awards Committee received high numbers of applications in every category in 2015. The abstracts and applications were of high quality and competition was strong. In addition to the finalists and awardees listed, there were many other highly meritorious applicants that the Committee was unable to recognize individually. Thank you very much to all participants in this year’s competition. See details elsewhere in the newsletter for how to nominate others – or yourself – for Renal Section awards. The following Renal Section awards were bestowed at EB 2015 in April. Congratulations to all awardees!!!

2015 Renal Section Predoctoral Excellence in Renal Research Award recognizes predoctoral students who are first author on an abstract involving renal-based research at EB. In 2015 there were 25 applications.
Finalists: Nabila Boukelmoune (The University of Texas Health Science Center at Houston), Augustin Gonzalez-Vicente (Case Western Reserve University), Venkatesan Raghavan (University of Pittsburgh), Xiao-Tong Su (New York Medical College) and Lorena Vega (Universidad Nacional Autónoma de México)
Winner: Nabila Boukelmoune

2015 Renal Section Postdoctoral Excellence in Research Award recognizes postdoctoral fellows who are first author on an abstract presented at the EB meeting involving renal-based research. In 2015 there were 28 applications.
Finalists: Daria Ilatovskaya (Medical College of Wisconsin), Xianming Li (University of Maryland), Mykola Mamento (University of Texas Health Science Center Houston), Elizabeth Oliveira-Sales (Federal University of São Paulo) and Blythe Shepard (Johns Hopkins University)
Winner: Mykola Mamenko

2015 Renal Section Research Recognition Awards recognizes meritorious research by young investigators (junior faculty) participating in EB. In 2015 there were 7 excellent applications.
Winners: Krishna Boini (Virginia Commonwealth University), Utpal Sen (University of Louisville), and Oleg Zaika (University of Texas Health Science Center Houston).

2015 Renal Section New Investigator Award
Jennifer Pluznick (Johns Hopkins University)

2015 Renal Section Young Investigator Award
Jennifer Sullivan (Georgia Regents University)

Deadlines for several of the 2015 Renal Section awards are just around the corner (November 21, 2015 for the Berliner, Predoctoral, Postdoctoral, Research Recognition, and New Investigator awards; February 27th 2016 for Young Investigator awards). A full list of all the awards and eligibility criteria are at:
http://www.theaps.org/mm/awards/sections/renal.aspx
Physiologists in Industry Committee (PIC) Report

Josef G. Heuer

The APS Physiologists in Industry Committee (PIC) is sponsoring an exciting Symposium at EB2016, entitled “Metabolic Syndrome and the Pathway of Drug Development: From Bench to Bedside” on Sunday, April 3, 10:30–12:30pm at the San Diego Convention Center. This symposium focuses on the known risk factors involved in the metabolic syndrome. It will also cover basic research and various steps (including early drug discovery, applied preclinical, development, safety, and clinical and regulatory hurdles) that are required to get a drug from conception to FDA approval. This symposium will provide a great opportunity for interaction and knowledge exchange between our academia and industry colleagues. This section will be chaired by Matthew R. Zahner, Ph.D. and co-chaired by Denise C. Cornelius, who was our 2015 PIC Novel Disease Model Award Postdoctoral recipient.

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 that describe a novel disease model. Our 2015 PIC Novel Disease Model Award was presented at the APS Business Meeting during EB2015. Our 2015 Pre-doctoral and Postdoctoral awardee were: Ms. Casey Y. Carmichael, Boston University School of Medicine, Dept. of Pharmacology & Experimental Therapeutics (abstract title: “The renal afferent nerves: A role in countering salt-sensitive hypertension”) and Denise C. Cornelius, Ph.D., University of Mississippi Medical Center, Dept. of Pharmacology (abstract title: “Placental Ischemia-Induced TH17 Cells Mediate the Pathophysiology Associated with Preeclampsia”, respectively. The PIC Novel Disease Model Award invites all students and postdoctoral fellows to apply. Please login to the APS web for additional information (http://www.the-aps.org/mm/awards/Other-APS-Awards/Postdoc-or-Resident#ndm).

The Annual Physiologists in Industry Committee Mixer was held on Sunday, March 29, 2015 at the Westin Boston Waterfront. It was great to see many of our students, postdoctoral fellows, academic and industry colleagues there. The Industry Mixer is a great opportunity for our students, postdoctoral fellows and academic colleagues to meet and network with our industry APS members. You are all invited to join us in our EB2016 Industry Mixer. This is the committee’s annual opportunity to have a face-to-face meeting to discuss committee business and new initiatives. Please contact your PIC section representative if you would like to get involved or have new ideas or matters to be brought to the attention of the PIC committee.

Looking forward to seeing you all at the EB 2016 PIC Symposium!!!!

Committee on Committees Report

Fred Palm

EB 2016 is rapidly approaching and so is the process of submitting nominations to replacing those who are rotating off the different APS committees. The official website for submitting nominations is now open (http://www.the-aps.org/mm/hp/Audiences/APS-Committees/nominations) and there are a few things that you should give extra attention if you intend to nominate or be nominated: 1. The support letter is extremely important! Preferentially someone known by the rest of the community should be writing the support letter, and the letter should clearly and elegantly outline why you are the best person for the job. 2. Your own statement is equally important and should outline why you want to serve on this particular committee and how you would contribute to develop the area of this particular committee.

The experience from previous years is that these two things are at least as important as your track record, and it will make my job so much easier at the Committee on Committee meeting if these things are covered. Deadline for submitting nominations is January 16, 2015. If you have any questions, need more information or advice please do not hesitate to contact me at fredrik.palm@mbc.uu.se
AJP- Renal Physiology
News from the AJP Renal Journal Editor
Darwin Bell

Thank you for your continued support of the AJP - Renal Physiology. As I begin my third year as Editor in Chief, we have unveiled a new initiative to attract the best work to AJP-Renal. This has involved inviting selected members of the Editorial Board to serve as AJP-Renal Ambassadors. Part of their duties will be to reach out to colleagues to let them know about our calls for papers and other opportunities to publish in our journal.

We will honor the initially selected Ambassadors at the ASN reception in San Diego. As we develop this program further please let us know if you would like to be considered for selection as an AJP-Renal Ambassador.

We continue encourage the submission of manuscripts under one of our special Calls for Papers: 1. Endothelin in renal physiology and disease; 2. Imaging techniques in renal pathophysiology research; 3. Inflammation and Inflammatory Mediators in Kidney Disease; 4. Purinergic signaling mechanisms in the lower urinary tract; 5. Mechanism and treatment of renal fibrosis and treatment; and 6. Transport proteins as regulators of blood pressure homeostasis. Papers accepted under these calls will be published under a distinct heading and will receive special attention and handling. If you have recently submitted a paper in one of these areas and would like it included in the call, please contact Amy McEver (amcever@emory.edu). I would also like to acknowledge the outstanding work of our Managing Editor, Amy McEver.

As part of our effort to expand our clinical readership, we have introduced a series of Perspectives articles, where clinicians introduce opportunities for translational research, or “Bedside to Bench” research. Also appearing are Mini Reviews that highlight the work of some of our more junior colleagues.

Our Facebook page has become increasingly active and popular. Be sure to like our page (http://www.facebook.com/AJPRenal) and visit often for updates of recent publications, research opportunities, and news in renal research.

Finally, look for our booth at ASN Renal Week 2015 in San Diego. I will host Editor’s Hours at the booth and would love for you to stop by.

As always, we appreciate the effort that goes into reviewing for our journal.

Trainee Advisory Committee (TAC)  
Daria Ilatovskaya

Greetings from your APS Trainee Advisory Committee Representative and Sub-Committee! The TAC’s role is to help APS support trainees – graduate and undergraduate students and postdocs in academia, industry and government.

Submit your best science to be selected for a talk at the Trainee and Early Career Cross Sectional Featured Topic “Sex Differences in Health and Disease”. Remember: you can submit the same abstract to both Renal Section and TAC Featured Topic! P.S. Apply via APS Awards website!

If you are the first author on an EB’16 abstract, remember to apply for the Postdoctoral or Pre-doctoral Excellence in Renal Research Awards! (More info and other APS awards and the TAC symposium (http://www.the-aps.org/mm/awards).

Don’t forget – we are on FACEBOOK! Renal page is growing, join us! Please consider following the APS Renal Section, The American Physiological Society, and American Physiological Trainees – it’s a great way to stay in touch with the Section and get all the important updates. Awards and EB deadlines will be posted, along with other important info. Don’t miss! We don’t spam 😊

Feel free to address the Renal TAC with any questions or concerns! We are here to do our best to improve Renal Section Trainees experience. Current Renal Section Trainee Advisory Subcommittee includes Malgorzata Kasztan (mkasztan@uab.edu), Mykola Mamenko (mykola.mamenko@uth.tmc.edu), Robert Menzies (robert.menzies@igmm.ed.ac.uk), Dr. Xiangming Li (xli@som.umaryland.edu) and Tiffani White (tiffani.white@dm.duke.edu)
Renal Section Chair and SAC Representative
Donald Kohan, MD. (04/14-04/17)
University of Utah
Email: donald.kohan@hsc.utah.edu

Treasurer
Michelle Gumz, Ph.D. (04/14-04/18)
University of Florida
Email: michelle.gumz@medicine.ufl.edu

APS Committee on Committees
Fredrik Palm, Ph.D. (01/15-12/18)
Uppsala University, Sweden
Email: fredrik.palm@mcb.uu.se

Secretary
Minolfa C. Prieto, MD, Ph.D. (04/13-04/16)
Tulane University, School of Medicine
Email: mpreciotetulane.edu

APS Joint Program Committee
Paul A. Welling, MD-Chair (01/13-12/15)
University of Maryland
Email: pwelling@umaryland.edu
Pablo Ortiz, PhD-Co-Chair (01/14/12/16)
Henry Ford Hospital
Email: portiz1@hfhs.org

Physiologist in Industry Representative
Josef G. Heuer (04/14-03/17)
Lilly Research Laboratories
Email: jheuer@lilly.com

APS Renal Physiology Editor-in-Chief
Darwin Bell, PhD (04/13-04/19)
Medical University of South Carolina
Email: bellpd@musc.edu

Awards Committee
Robert Fenton, PhD-Chair (04/14-04/17)
University of Aarhus
Email: robert.a.fenton@biomed.au.dk
Alexander Staruschenko, Ph.D-Co-Chair (04/14-04/17)
Medical College of Wisconsin
Email: staruschenko@mcw.edu

Renal Section Sage
Pamela Carmines, PhD (04/14-04/17)
University of Nebraska Medical Center
Email: pcarmines@unmc.edu

APS Renal Trainee Advisory Committee (TAC)
Daria Ilatovskaya, PhD (01/15-12/18)
Medical College of Wisconsin
Email: dilatovkaya@mcw.edu
Malgorzata Kasztan, mkasztan@uab.edu
Mykola Mamenko, mykola.mamenko@uth.tmc.edu
Robert Menzies, robert.menzies@igmm.ed.ac.uk
Xiangming Li, xli@som.umaryland.edu