The Renal Section enjoyed a successful meeting at EB2010. Trainee awards, the Renal Dinner, the Gottschalk lecture and outstanding symposia highlighted the meeting. In addition, the submitted abstracts that supported the poster sessions and 3 oral sessions were very high quality and represent the best of current and original research in renal physiology. Details on these appear in other sections of the newsletter, but all point to the quality of science and teaching in the Renal Section.

We have started planning for EB2011 in Washington, DC and want to remind everyone **abstracts are due on November 8, 2011**. Again, please try to submit your abstracts to one of the Renal Section topics, if it is scientifically appropriate. The members’ efforts last year resulted in a 9% increase in Section submissions.

**Berliner Award**  
I would like to solicit nominations for the **2011 Berliner Award**. The nominations are due **November 3** and the awardee will be selected soon after that date. If you want to see a senior renal physiology investigator, who has contributed to APS and Renal Section goals, honored with this award, please consider a letter of nomination soon. The nominations can be submitted online at the APS website. ([http://www.the-aps.org/meetings/eb11/awards/renal.htm](http://www.the-aps.org/meetings/eb11/awards/renal.htm)).

**Renal Dinner 2011**  
Due to the new scheduling format for EB 2011, the Renal Section will cluster its symposia, featured topics (oral sessions) and poster sessions in 3 days (April 10, 11, 12). Members should arrange their travel plans accordingly. Therefore, the Renal Dinner will be scheduled for Monday night, April 11. This will accommodate the new schedule and permit most members to attend as in the past. We hope that this change is not inconvenient and that it will remain the highlight of the Renal Section activities at EB.

**New Officers**  
The Renal Section Steering Committee welcomes new officers in 2011. Brooks Robey (Dartmouth) is now Awards Committee Chair and Volker Vallon (UC San Diego) is co-Chair. Jennifer Pluznick (Johns Hopkins) was elected as Programming Committee Representative. Erika Boesen (Medical College of Georgia) was elected as the new Secretary. Congratulations to all the new officers and we look forward to their leadership and contributions.

**2011 Young Investigator Award Winner**  
*Robert A. Fenton*

The Renal Section of the American Physiological Society is pleased to announce that the 2011 recipient of the Young Investigator Award for Excellence in Renal Physiology is Dr Robert A. Fenton. He is a Professor MSO of Molecular Cell Biology in the Department of Anatomy, University of Aarhus, Denmark. Robert
received his Ph.D. from the University of Manchester, U.K. before undertaking postdoctoral work at both the University of Manchester and the National Institutes of Health. He then joined the University of Aarhus as an Assistant Professor in 2005 and was promoted to his current position this year. A winner of the Renal Section New Investigator Award in 2008, Robert now has authored over 55 peer-reviewed articles and 6 book chapters and is a leading expert on the regulation and trafficking of aquaporin-2.

2011 Carl W. Gottschalk Lecturer
Jeffrey L. Garvin

Jeffrey Garvin will deliver the Gottschalk lecture next spring at EB 2011 in Washington, DC. Dr. Garvin is Head of the Division of Hypertension and Vascular Research at Henry Ford Hospital in Detroit. He is a leading renal physiologist whose work has identified novel transport events in the nephron. His initial observations on the roles of NO and superoxide in the TALH have helped identify their roles in the maintenance of fluid balance. We look forward to an enlightening lecture.

2010 Renal Section Awards
Pablo Ortiz (out-going Chair) and Brooks Robey (Chair)

Pre- and Post-doctoral Excellence in Renal Research Awards 2010
The Pre- and Post-doctoral Awards for Excellence in Renal Research are presented each year for outstanding presentations by students and postdoctoral fellows at the Experimental Biology meeting. The awardees were selected from a pool of students and postdoctoral finalists, who were judged on their presentations at the meeting.

There were two awardees in the predoctoral category this year. First place was awarded to Daniel Collier for his presentation entitled “Identification of Na channel intersubunit Cl coordinating residues suggests a trimeric alpha, gamma, beta channel architecture”. Daniel is a 4th year graduate student at the University of Iowa working under the supervision of Dr. Peter Snyder. The second place award went to Paulo Caceres for his presentation entitled “VAMP3 but not VAMP2 is involved in NKCC2 apical targeting and processing in thick ascending limbs”. Paulo is a doctoral student at Wayne State University/Henry Ford Hospital, and his mentor is Dr. Pablo Ortiz.

There were two awardees in the postdoctoral category for 2010. One award went to Paul Grimm for his abstract entitled “Disruption of sodium and water balance in K-adapted BKβ4-/- mice”. Paul’s research was done under the guidance of Dr. Steve Sansom at the University of Nebraska. The second award went to Pablo Cabral for his abstract entitled “ATP mediates flow-induced NO production in thick ascending limb”. Pablo is a post-doctoral fellow at the Henry Ford Hospital in the laboratory of Dr. Jeff Garvin.
Congratulations to all the awardees for their outstanding contributions to kidney research. We would like to thank the judges who contribute their time and expertise to evaluate the abstracts and judge presentations at the meeting. These individuals support these young scientists and the Renal Section by their efforts both before and during the meeting. The success of this year’s program is a tribute to their commitment. This year’s judges were Michael Ryan (Univ. of Mississippi), Robert Fenton (Univ. of Aarhus, Denmark), Jennifer Pluznick (Johns Hopkins), Jennifer Sullivan (Medical College of Georgia), Brooks Robey (Dartmouth, Co-Chair), and Chair Pablo Ortiz (Henry Ford Hospital).

APS-Sponsored Renal Section Awards 2010

The Renal Section Research Recognition Award was presented to Drs. Adriana Girardi (University of Sao Paulo, Brazil), Oleh Pochynyuk (University of Texas), Guillermo Silva (Robert Cade Foundation/IPEM, Cordoba-Argentina) and Yuehan Zhou (Case Western Reserve University). The APS New Investigator Award for 2010 was given to Dr. Alexander Staruschenko (Medical College of Wisconsin). The Astra Zeneca Young Investigator Award of 2010 went to Dr. Pablo A. Ortiz (Henry Ford Hospital/Wayne State University).

We again invite students and postdoctoral fellows to submit their first author, kidney related abstracts to the Renal Awards Program, regardless of the programming topic to which the abstract is submitted. We remind all Renal Section members to encourage their students and postdoctoral fellows to apply and participate in the Renal Section Awards Program.

We also encourage renal section members to submit applications and nominations for the Renal Section Research Recognition Awards, Renal Section New Investigator Award and the Robert W. Berliner Award for Excellence in Renal Physiology. The Renal Section Research Recognition Awards recognizes the meritorious research by young investigators (junior faculty) who participate in the annual Experimental Biology Meeting. To qualify for this award, the applicant must have finished post-doctoral work and may not be a senior faculty member. Candidates must author an abstract for the EB meeting. The Renal Section New Investigator Award recognizes an outstanding investigator in the early stages of their career. Candidates should be investigators who have made meritorious contributions to the scientific areas represented by the Renal Section. They should not be above the rank of Assistant Professor or a comparable position in a research track at an academic institution or in industry.

The awards submission deadline is November 3, 2010. Instructions can be accessed via http://www.the-aps.org/meetings/eb11/awards/renal.htm
Call for Nominations – Due November 3, 2010

2011 Robert W. Berliner Award for Excellence in Renal Physiology
Sponsored By Abbott Laboratories

The 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.

Call for Nominations – Due April 15, 2011

2012 Young Investigator Award

APS Trainee Advisory Committee (TAC)
Rick Grimm

Greetings from your Trainee Advisory Committee (TAC) Representative! The TAC’s charge is to help APS assist and support trainees (students, postdocs, and junior faculty as well as trainee positions in industry and government). Here are a few highlights from the TAC’s current projects:

• The TAC has developed an award known as the “Early Career Professional Service Award,” for an early career APS member who has made outstanding contributions through professional service. Information on this award can be found at http://www.the-aps.org/awards/society/earlycareer.htm. The deadline is January 24, 2011, and the award includes $1000 and complimentary registration for EB. Please consider applying for this award if you are eligible, or forwarding this information to anyone who may be a candidate for this award. For those of you submitting first author abstracts, don’t forget to apply for the Postdoctoral or Predoctoral Excellence in Renal Research Awards. Additionally, many other awards and travel grants are available through APS. A complete list can be found at http://www.the-aps.org/meetings/eb10/awards/index.htm

• Please visit the Trainee Web Page (http://www.the-aps.org/trainees/) and sign up for the Trainee Listserv as well as the Renal Listserv. Both the Trainee Web Page and the Trainee and Renal Listservs will keep you up-to-date on information regarding Awards, Job Postings, Mentoring, and other helpful information. Become a fan of American Physiological Society and APS Trainees on Facebook: www.facebook.com/APSTrainees.
• We hope to see you at our EB Symposium entitled “Developing an Individual Development Plan – A Roadmap to Success” (Wednesday, April 13). Other non-scientific symposia that you may be interested in attending are “Publishing 101: Dos and Don’ts of Publishing in APS Journals” (Sunday, April 10), and “New Opportunities in Non-traditional Academic Positions” (Monday, April 11). If any of you have suggestions for a Symposium topic relevant to trainee issues please feel free to contact me.

• My term as the Renal Section TAC Liaison is nearly half over, which means it is time to select a new liaison. The selected individual will serve as the voice of all trainees within the Renal Section by attending annual Section meetings. Additionally, the TAC liaison attends annual meetings at the APS Office in Bethesda MD with the TAC Liaisons from the other APS sections. This is a great opportunity for trainees to become more directly involved in APS and help influence the policies of the both the Renal Section and APS as a whole.

• In addition to the TAC Liaison position described above, the Renal Section will also be looking for 3 trainees to serve on the committee. This is another way to become involved in APS and the Renal Section by providing input and being involved in everything from developing scientific sessions presented at EB to organizing social functions.

If you have any questions or are interested in being an applicant for the TAC Liaison or one of the three Renal Section Trainee members, please contact me via email and I will send you further information and an application. I look forward to meeting many of you at EB 2011. Please feel free to contact me if you have any questions or suggestions (pgrimm@umaryland.edu).

The number of manuscripts submitted to the American Journal of Physiology: Renal Physiology remains steady. Our 2009 impact factor remains strong at 3.73. Over the next year we will be issuing new calls for papers in selected areas of renal physiology. We currently have a call for papers on sensory and effector functions of the urothelium. We will soon be issuing a call for papers in the area of cystic diseases of the kidney. Also, look for series of review articles focused on selected topics in renal physiology.

We had excellent submissions for symposia this year. Several proposals that could not be programmed were held over from EB 2010 for future consideration. We are grateful to everyone for their interest and contributions. **EB 2011 featured topics and symposia will include:**

- **Young Investigator Awardee - Featured Topic**
  Robert Fenton, University of Aarhus
  *Regulated Protein Interactions in Epithelial Transport*

- **Pablo Ortiz**, Henry Ford Hospital
  *Molecular Imaging in Renal Physiology*

- **Thomas L. Pannabecker**, University of Arizona
  *Renal Medullary Structure-Function Relationships*
Please continue to submit symposium proposals for the Experimental Biology Meetings. This is a great opportunity to ask four friends, enemies, or scientific competitors to give talks highlighting their work. Everyone gets complementary registration and there are additional funds to help with travel expenses. The process is easy. There is a form available for download at the following website: http://www.the-aps.org/meetings/eb.htm. Simply email the completed form to one of us. Please note that we especially encourage junior investigators to organize these sessions. No grey hair required. Thanks to all!!

**APS Conferences**

**Darwin Bell**

The purpose of the APS Conference Committee is to facilitate, improve, and energize APS Conferences. To simplify the application process, an online submission site within the APS website is now up and contains information on APS Conferences, instructions on how to organize a meeting, and the application procedure, which consists of providing an overall meeting abstract and minimal additional details. Application deadlines are April 1, August 1, and December 1. Any member of APS can submit an application for an APS Conference. For more information please contact: P. Darwin Bell, Chair at BellPD@musc.edu or Linda Allen, APS Representative at: LAllen@The-APS.org.

**Physiologists in Industry Committee Report**

**Craig Plato**

The Physiologists in Industry Committee (PIC) is committed to fostering interactions between the APS and industry. Below are some PIC-sponsored events for Experimental Biology 2011 that Renal Section members won’t want to miss!

**Symposia 2011:** The PIC is continuing its tradition of sponsoring high quality symposia relevant to industry and academic scientists. The annual PIC Symposium at EB 2011 is entitled “Stem Cells and Drug Discovery”. The symposium will highlight recent advances regarding the rapidly evolving field of stem cell technology, how stem cells are enabling preclinical drug discovery and development, how pluripotent stem-cell derived cardiomyocytes and beta-cells may be applied to cardiovascular and diabetes drug discovery, respectively. Speakers for the PIC Symposium include Dr. Sheng Ding, (Scripps Research Institute), Dr. John Hambor (The Cell Therapy Group), Dr. Timothy Kamps (University of Wisconsin), and Dr. Lawrence Chan (Baylor College of Medicine).

The PIC has also successfully competed for the EB 2011 Translational Physiology symposium “The Cardiac Sarcomere as a Therapeutic Target”. The symposium will highlight recent insights into mechanisms regulating cardiac function at the sarcomere level while highlighting novel emerging therapies to improve cardiac performance. The program has commitments from Dr. Kerry MacDonald (University of Missouri School of Medicine), Dr. Henk E.D.J. Ter Keurs (Libin Institute, University of Calgary) and Dr. Elizabeth McNally (University of Chicago Medical Center), and Dr. Fady Malik (Cytokinetics and UCSF School of Medicine). Attendees will gain an appreciation for the translational nature of studying and targeting the cardiac sarcomere.

**Novel Disease Model Award:** A reminder that abstract submissions to EB 2011 are NOT that far away! The Novel Disease Model Award, sponsored by the PIC and the APS, recognizes one graduate
student ($500) and one postdoctoral fellow ($800) who submit the best abstract describing a disease model that is novel or has significant potential to be applied to the drug discovery process. The application for the award can be found on by visiting the APS website and following the “Section Awards” link (“Physiologists In Industry”) from the EB 2011 page, or by clicking on the “Committees” tab on the APS homepage and going to the PIC page.

There is no better way to have your voice heard and to determine the future of our society than to serve on an APS Committee. But perhaps you have wondered how APS committee selection works?

The Committee on Committees meets at Experimental Biology on Saturday morning from 8am until 11am. At the meeting there is a member from each section present, in addition to two APS councilors and of course Linda Dresser who keeps us organized and on task. For all committees (15 of them) all nominated candidates are presented by the nominating section representative. As I present all the Renal candidates, sending your application to me ahead of time ensures that I am aware of your nomination before the meeting at Experimental Biology and can highlight your achievements appropriately.

The aim of the Committee on Committees is to select the most appropriately experienced candidate for each committee, whilst keeping in mind that each committee should be balanced in its representation across the society. All final decisions on the selected candidates are made by the APS Council.

This year congratulations should be extended to the following Renal Section members who were selected to serve on an APS committee by the Committee on Committees, and additional congratulations to Christine Maric (University of Mississippi Medical Center) who was selected to Chair the Awards Committee: Tanya Gwathmey-Williams, Wake Forest University School of Medicine (Postdoctoral member, Career Opportunities in Physiology); Carmen Troncoso Brindeiro, Univ. Nebraska Medical Center (Predoctoral member, Education); Alexander Staruschenko, Medical College of Wisconsin (International); Robert Brooks Robey, Dartmouth Medical School (Public Affairs); David Pollock, Medical College of Georgia (Publications).

For those who did not get selected please try again next year. If you were named an alternate please let Linda Dresser know if you are still interested for next year so that we can keep the alternates at the top of the list. Reminder: some committees like Education and Women in Physiology are very popular. If you are interested in those committees the application and endorsements need to be strong with respect to details on why you would be good for that specific committee e.g. experience in teaching at undergraduate, graduate or medical school is essential for Education. The application process does not take much time at all and I am happy to help so please contact me.

The description of the 15 APS committees on which you could serve along with qualifications, and nomination forms can be found at: http://www.the-aps.org/committees/

Send both the application and endorsement forms electronically to nominations@the-aps.org before January 17, 2011 and to me at brooksh@email.arizona.edu.
**Important Dates**

**November 3, 2010** – Application deadlines for Renal Section Awards, including the Berliner Award, New Investigator Award, Pre- and Post-doctoral Excellence Awards and Research Recognition Awards.

**November 8, 2010** – Abstract deadline for Experimental Biology 2011.

**January 17, 2011** – APS Committees nominations due.

**January 24, 2011** – APS Early Career Professional Service Award application deadline.

**February 9, 2011** – Early registration deadline for Experimental Biology 2011.


**April 15, 2010** – Nominations close for the 2012 Renal Section Young Investigator Award.

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