Message from the Renal Section Chair

We look forward to seeing everyone at the EB2007 meeting, April 28-May 2 in Washington DC. The Experimental Biology meeting provides an excellent opportunity for physiologists to interact with scientists working in other disciplines. This year’s EB meeting is sponsored by the APS and 5 other societies, with 18 guest societies also participating. The wide range of scientific presentations includes a fine program of renal-related sessions, not only reflecting the abstract submissions by our members, but also due in large part to the efforts of our representatives to the APS Joint Program Committee. Darwin Bell and Sue Mulroney have worked diligently to program symposia and featured topics sessions that will attract the interest of Renal Section members. In addition to the excellent science, EB2007 offers an array of Career Development Resources and Educational Sessions that should prove informative to our members, students and trainees. While in Washington for EB, our members are encouraged to participate in APS-sponsored public affairs initiatives by scheduling a visit with their representatives in Congress (see details provided elsewhere in this newsletter).

The annual EB meeting also provides the setting for most of the activities of the Renal Section – including the Renal Dinner (Tuesday, May 1st), where we will present awards recognizing renal researchers of virtually every career stage. These awards and their recipients are highlighted elsewhere in this newsletter. Also, finalists for the Predoctoral and Postdoctoral Excellence in Renal Research Awards will be judged at their poster presentations during EB. The fact that these awards are judged based on the presentation at the meeting (rather than the abstract alone) enhances their prestige. I urge all members of the Renal Section to make a point of visiting the posters presented by the finalists of the Excellence in Renal Research Awards. These young investigators represent the future leaders of the Renal Section!

In a few months, Jeff Sands will complete his 6-yr term as Editor-in-Chief of American Journal of Physiology Renal Physiology. On behalf of the renal research community, we thank Jeff for his dedicated service in this important position. Several of our members will also be completing terms as Associate Editors. We congratulate Tom Kleyman for being named as the new Editor-in-Chief of the Journal. Together with a new crew of Associate Editors, his term begins on July 1st. In addition, two of our elected officers will be completing 3-yr terms as members of
the Renal Section leadership: Darwin Bell (representative to the Joint Program Committee; term ends in December) and David Ellison (Secretary; term ends in May). We thank both for their efforts on behalf of the Renal Section. A nominating committee, chaired by David Pollock, put forth a slate of candidates to fill these important positions on the Steering Committee and I am happy to report the results of the election: Janos Peti-Peterdi is our new Secretary and Tom Pallone is our new JP representative. I am confident that both Janos and Tom will do a fine job!!

Nomination Deadline April 2, 2007:
2008 Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section

For details about the Gottschalk Lectureship and to place a name in nomination, visit our awards website (http://www.the-aps.org/meetings/eb07/awards/renal.htm)

2007 Robert W. Berliner Award for Excellence in Renal Physiology
Sponsored by Abbott Laboratories

L. Gabriel Navar is the 2007 recipient of the Berliner/Abbott Award, which recognizes distinguished lifetime achievement in renal physiology (research, teaching, training and APS activities) by a living American scientist. Dr. Navar will receive the award at the Renal Dinner on Tuesday, May 1st, 2007.

Dr. Navar has been Professor and Chairman of the Department of Physiology at the Tulane University School of Medicine since 1988. His research efforts have significantly advanced our understanding of pressure-natriuresis, regulation of glomerular filtration dynamics, arterial pressure regulation, autoregulatory mechanisms, the tubuloglomerular feedback response, angiotensin II influences on renal hemodynamic and excretory function, and mechanisms of angiotensin II-dependent hypertension. He has published 180 peer-reviewed manuscripts and 123 book chapters and review articles. Among the numerous awards he has received in recognition of his research are the Lifetime Achievement Award from the Consortium for Southeastern Hypertension Control, the American Society of Hypertension’s Richard Bright Award, and the Arthur C. Corcoran Award from the American Heart Association. He was the 1997 Carl W. Gottschalk Distinguished Lecturer of the APS Renal Section. Dr. Navar’s research efforts have been inexorably linked to training young scientists. He excels in one-on-one teaching at the advanced graduate student and postdoctoral levels, helping these individuals with complex concepts of renal physiology, as well as the design, execution, and interpretation of experimental studies. He was the 2005 recipient of the Bodil M. Schmidt-Nielsen Distinguished Mentor and Scientist Award of the American Physiological Society. His service and dedication to the American Physiological Society include his election to the APS Council (1991-1994), his service as President of the Society (1998-1999) and his current position as chair of the Long Range Planning Committee.
The Renal Section’s Berliner Award Committee was composed of John D. Imig (Renal Section Awards Chair), Pamela K. Carmines (Renal Section Chair), and Jeff M. Sands (Editor, American Journal of Physiology Renal Physiology).

2007 Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section

Chris Baylis has been named the 2007 Carl W. Gottschalk Distinguished Lecturer. Dr. Baylis will deliver the lecture, entitled “Nitric Oxide Deficiency in Renal Disease,” on Tuesday, May 1, 2007 at 10:30 am during the EB2007 meeting. She will also be honored that evening during the Renal Dinner.

A University of Florida faculty member since 2004, Dr. Baylis is currently Professor of Physiology and Functional Genomics, Professor of Medicine, the J. Robert Cade Professor of Physiology, and Director of the University of Florida Hypertension Center. Her research has focused on various aspects of normal kidney function and blood pressure control, including changes that accompany pregnancy and aging, as well as mechanisms of renal disease. In particular, her work has been important in establishing the impact of nitric oxide on kidney function and blood pressure control, with recent emphasis on the role of nitric oxide deficiency in the pathogenesis of progressive renal disease. Her research makes use of conscious, chronically catheterized rats to enable monitoring of electrolyte excretion and responses to various hormones in an intact, unstressed animal, as well as for longitudinal studies of animals through pregnancy, evolving kidney disease, and experimentally-induced hypertension etc. She also employs micropuncture methodology to evaluate glomerular and tubular function, as well as cell culture, biochemical assays, and other powerful tools that together provide insight ranging from the cellular to the organ system levels.

The APS Renal Section’s Distinguished Lectureship Committee was composed of Pamela K. Carmines (Renal Section Chair), Jeff M. Sands (Editor, American Journal of Physiology Renal Physiology), and L. Gabriel Navar (a former APS President).

Public Affairs Events at EB

While there will be plenty of events to keep you busy at EB, please consider setting aside a few hours during the meeting or just before you go home to visit Capitol Hill. The biggest topic of concern for most of us will be federal research funding. A quick start guide plus a tip sheet for successful Congressional meetings have been posted on the EB web site at http://www.the-aps.org/pa/ebweb/index.htm. For more information on making visits, please contact APS Science Policy Analyst Rebecca Osthus at rosthus@the-aps.org. In addition, two EB sessions can help you prepare:

• “Making the case for federally-funded research: Communicating with Congress.” (Saturday, April 28 1-3 pm. Sponsored by the APS Communications Committee)

• “NIH at the Crossroads: How Diminished Funds Will Impact Biomedical Research and What Scientists Can Do About It” is an EB symposium that features NIH Director Elias Zerhouni and former Congressman John Porter. (Monday April 30, 12:45-1:45)

Another area of concern for many APS members is legislation to add new regulations or other restrictions on the use of animals in research. Members of Congress are deluged with email and letters from constituents who oppose animal research. For talking points on animal research issues, contact APS Director of Government Relations Alice Ra’an at araanan@the-aps.org.
The Renal Section is proud to have the opportunity to support and honor the careers of young investigators and trainees. The number of applicants who submitted their work for Renal Awards was outstanding once again for EB 2007. We received abstracts from 23 pre-doctoral students and 28 post-doctoral fellows. Finalists will undergo a 2\textsuperscript{nd} round of evaluation during the presentation of their posters at the EB meeting. Each day of the meeting, the Renal Section will post a placard in the aisles listing the poster numbers and presentation times for the finalists.

Finalists for the predoctoral awards:
- Gustavo Ares, Henry Ford Hospital
- Eric Bansal, USC Keck School of Medicine
- Julie Kang, USC Keck School of Medicine
- Matthew Socha, Medical College of Georgia
- Carmen Troncosco, University of Nebraska
- Jing Yang, University of Nebraska

Finalists for the postdoctoral awards:
- Soo Mi Kim, NIH
- Carolina Panico, Georgetown
- Vladimir Pech, Emory
- Alexander Staruschenko, UT San Antonio
- Ildiko Toma, USC Keck SOM

Congratulations to the finalists. Awards will be presented during the annual Renal Dinner and each finalist will receive a complimentary ticket to attend and participate in the evening activities. We encourage everyone to drop by the presentations, and to come to the Renal Dinner to support these young investigators.

Congratulations to Scot Wildman, University College London as the recipient of the Renal Research Recognition Award.

Congratulations to Pablo Ortiz, Henry Ford Hospital as the recipient of the Renal Section New Investigator Award.

\textbf{All applicants}, who applied for a renal section award, are invited to a casual “Meet the Professors” reception sponsored by the APS Renal section on Sunday April 29th, 5.30-7pm; Meeting Room 6, Renaissance Hotel. It will be a great opportunity to meet with the Carl Gottschalk Distinguished Lecturer, Chris Baylis; the Renal Section Young Investigator, Volker Vallon and the Berliner Award Winner, Gabby Navar. Mentors please remind your students who applied to attend this reception. We look forward to seeing you there.

\textbf{Renal Dinner 2007}

The Renal Dinner will be held on Tuesday evening, May 1st. Cocktails begin at 6:30 pm followed by the dinner at 7:30 pm. The venue for 2007 is Old Ebbitt Grill, just steps from The White House and museums in downtown Washington DC (675 15th Street, NW).

April 1st is the deadline for receipt of ticket orders. Tickets will NOT be sold on site. The Renal Dinner Ticket Order Form is available on-line at: \texttt{www.the-aps.org/sections/renal/index.htm}

Email Linda Allen (Lallen@The-APS.org) or Lee Hamm (lhamm@tulane.edu) with any questions or if you have special dietary requirements.
EB Symposia & Special Lectures of Interest to Renal Section Members:

Physiology in Perspective — The Walter B. Cannon Memorial Award: ATP-Sensitive K-Channels And Disease: From Molecule To Malady (Frances Mary Ashcroft)
Saturday, April 28 — 5:45-6:45 PM
Washington, DC Convention Center — Ballroom B

Symposium: Novel Technologies and Approaches in Imaging
Tuesday, May 1 — 3:15-5:15 PM
Washington, DC Convention Center — Room 146A

Henry Pickering Bowditch Memorial Award Lecture: New Insight Into The Regulation Of ENaC By Small G Proteins And Phosphatidylinositol (James D. Stockand)
Sunday, April 29 — 5:45-6:45 PM
Washington, DC Convention Center — Room TBA

Carl W. Gottschalk Distinguished Lectureship of the Renal Section: Nitric Oxide Deficiency In Renal Disease (Chris Baylis)
Tuesday, May 1 — 10:30 AM
Washington, DC Convention Center — Room TBA

Ernest H. Starling Distinguished Lectureship of the Water and Electrolyte Homeostasis Section: Salt Sensitive Hypertension – A Problem Of Communication (Pedro Jose)
Tuesday, May 1 — 2:00 PM
Washington, DC Convention Center — Room TBA

Symposium: Biomarkers of Acute Kidney Injury – Early Diagnosis, Pathogenesis and Recovery
Wednesday, May 2 — 8:00-10:00 AM
Washington, DC Convention Center — Room 145A

Symposium: Molecular Regulation of Renal Epithelial Transport Proteins in the Nephron: Lessons from Ontogeny and Disease (sponsored by APS Renal Section and American Society for Nephrology)
Monday, April 30 — 10:30 AM-12:30 PM
Washington, DC Convention Center — Room 146C

Symposium: Transport-Metabolism Coupling through AMPK
Sunday, April 29 — 8:00-10:00 AM
Washington, DC Convention Center — Room 147A

Symposium: Connexins and the Kidney
Sunday, April 29 — 10:30 AM-12:30 PM
Washington, DC Convention Center — Room 146C

Tuesday, May 1 — 3:15-5:15 PM
Washington, DC Convention Center — Room 145B

Symposium: Emerging Insights into the Purinergic Signaling in Renal, Pulmonary and Microvascular Physiology and Pathophysiology
Sunday, April 29 — 8:00-10:00 AM
Washington, DC Convention Center — Room 147B
My term as editor of AJP-Renal is rapidly coming to an end. I want to congratulate Tom Kleyman for being selected as the 6th Editor-in-Chief of AJP-Renal. Tom will take over the reigns on July 1, 2007. Tom has done an outstanding job as an associate editor during the past 6 years, so I know that AJP-Renal will be in great hands and will continue to grow over the next 6 years. I look forward to working with Tom to ensure a smooth transition.

AJP-Renal continues to thrive, with our 2005 Impact Factor remaining stable at ~4.3. For the first time during my term, we exceeded 100 submissions before the end of February! The current editorial team for AJP-Renal will continue to work diligently to maintain the high standards and service that you expect from AJP-Renal. I especially want to offer my appreciation to our managing editor, Ms. Amy McEver, for her invaluable help during my term, and to thank my team of associate editors, Pam Carmines, Douglas Eaton, Tom Hostetter, Tom Kleyman, and Susan Wall, and formerly Sharon Anderson, for their hard work and for making AJP-Renal so successful. I also want to thank you, the readers, authors, and reviewers, who have made serving as AJP-Renal Editor-in-Chief a pleasant and rewarding experience.


As the Renal Section representative to the Trainee Advisory Committee (TAC), I would like to fill everyone in on some current projects that TAC is working on. First of all, I want to urge students, postdocs (and mentors!) to attend the EB 2007 symposium “Multiple Career Paths for a Physiologist: Understand your options and how to get there” on Tuesday, May 1 from 8-10am in 147B. This symposium will feature talks by speakers in diverse career areas such as a Government Lab, a Small College and a Small Biotech company. We hope that this symposium will be a great resource for students and postdocs (as well as their mentors) to understand what career options are available, and what to expect/how to attain these positions.

In addition, the TAC committee is working on a variety of other issues – we are continuing to develop the Trainee Website (http://www.the-aps.org/trainees) and working on a variety of ways to best communicate with and assist trainee members. If you have any questions, comments, or concerns regarding trainees in APS, please do not hesitate to contact me with your input.

Many thanks, and see you at EB!
Call for Nominations – APS Committees

We urge all Renal Section members to get involved in the workings of APS. These committees are what determine the future of our society and there is no better way to have your voice heard. A description of the committees, member qualifications, and nomination forms can be found at: http://www.the-aps.org/committees. You can also find a link that lists which committees have open positions. Individuals fill out a candidate form and one other person needs to fill out an endorsement form. The application process is very simple and does not take much time at all.

David M. Pollock  
APS Committee on Committees  
dpollock@mcg.edu

From the Newsletter Editor

My term as Renal Section Secretary and Newsletter Editor is coming to an end. I have greatly enjoyed producing the newsletter and hope that it has been informative and easy to read. I have appreciated the comments from readers and the (relatively) prompt replies to my requests for contributions from members. The Section is in great hands I look forward to reading upcoming newsletters, produced by Janos Peti-Peterdi!

David H. Ellison

FASEB Summer Conference on Renal Hemodynamics

The 2007 FASEB Summer Research Conference on “Renal Hemodynamics: Biomolecular Control Mechanisms Integrating Vascular and Tubular Function” is scheduled for July 7-12, 2007, Vermont Academy, Saxtons River, VT. The meeting is being organized by William J. Arendshorst (Chair) and Jeffrey L. Garvin (Co-Chair). Further information will become available through FASEB (www.faseb.org/meetings)
Chair and SAC Representative
University of Nebraska College of Medicine
Email: pcarmines@unmc.edu

Treasurer
Tulane University School of Medicine
Email: lhamm@tulane.edu

Secretary
Oregon Health and Science University
Email: ellisond@ohsu.edu

APS Joint Program Committee Representatives
P. Darwin Bell, Ph.D. (2004-2007)
Medical University of South Carolina
Email: bellpd@musc.edu

Susan E. Mulroney, Ph.D. (2005-2008)
Georgetown University
Email: mulrones@georgetown.edu

Awards Committee Chair
Medical College of Georgia
Email: jdimig@mcg.edu

Awards Committee Co-Chair
Pablo Ortiz, Ph.D. (2006-2008)
Henry Ford Health Sciences Ctr
portiz1@hfhs.org

APS Committee on Committees Representative
David M. Pollock, Ph.D. (2006-2008)
Medical College of Georgia
Email: dpollock@mcg.edu

APS Trainee Advisory Committee Representative
Yale University School of Medicine
Email: Jennifer.Pluznick@yale.edu

APS Liaison with Industry Committee Representative
Craig F. Plato, Ph.D. (2004-2007)
Myogen, Inc.
Email: Craig.Plato@myogen.com

ex officio AJP:Renal Physiology Editor
Jeff M. Sands, M.D. (2002-2008)
Emory University School of Medicine
Email: jeff.sands@emory.edu

ex officio APS Officer/Councillor
Emory University School of Medicine
Email: deaton@emory.edu

Sage
Bruce C. Kone, M.D. (2005-2008)
University of Texas Medical School at Houston
Email: bruce.c.kone@uth.tmc.edu