Message from the Renal Section Chair
Dr. Heddwen Brooks

EB2012 was another outstanding meeting for the Renal Section. We once again increased the number of abstracts submitted to our Renal Section topics and all Symposia and Featured Topics were well attended. Thank you to the members of the Renal Steering Committee for their excellent efforts all year.

As we turn our thoughts to EB2013 in Boston I encourage you to think about nominating a student or post-doctoral fellow for our trainee awards, and your junior faculty for the research recognition and new investigator awards. Abstracts are due on November 8th, 2012 along with applications for our section and APS awards. Nominations for our top honor, the Berliner Award, are also due November 8th, and we are grateful for the continued support of this award by Abbott Laboratories. We will have the Posters and Professors Reception on Sunday April 21st, 5:30-7:30pm. Trainees are invited to attend. Come see the finalists present their posters, and meet the Renal Section Awardees and Distinguished Lecturers.

Renal Dinner 2013
The Renal Dinner will be held on Monday, April 22nd and Don Kohan has a great location planned. I would like to remind you that tickets are subsidised significantly for trainees, to encourage their participation. This subsidy is possible because of the diligent fund raising efforts of our Treasurer. Renal Section members are encouraged to consider a donation to the Renal Section. APS has made this an easy process; members can add the donation as they renew their APS membership online.

Election and New Officers
The Renal Section Steering Committee welcomes new officers in 2012. Volker Vallon (UCSD) takes over as Awards Committee Chair and Robert Fenton (Aarhus, Denmark) as co-Chair. We also welcome Daniel Levy, Pfizer, as our Liaison with Industry Representative. There will be an election this year for Renal Section Secretary. If you have any interest in this position or have suggestions, please email me (brooksh@email.arizona.edu). We started a Renal Section Trainee Advisory Committee (TAC) this year. Renal TAC will collaborate in providing ideas and organizing activities for trainees at EB. APS is encouraging Sections to provide trainees with opportunities to organize Featured Topics and Symposia. This is a great experience for trainees, and we look forward to their suggestions for hot topics in Renal Physiology!

2013 Robert W. Berliner Award for Excellence in Renal Physiology

The 2013 Robert W. Berliner Award for Excellence in Renal Physiology, sponsored by Abbott Laboratories, 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 2013 Renal Dinner, and will participate in the Renal Section’s “Posters and Professors” Reception. Nomination materials consist of the candidate’s curriculum vitae and a nomination letter summarizing the candidate’s qualifications. Nominations from previous years are automatically carried forward for consideration in the following years.
2014 Renal Section Young Investigator Award

This 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 2014. Nomination materials must be submitted by March 31, 2013. [http://www.the-aps.org/meetings/eb12/awards/renal.htm](http://www.the-aps.org/meetings/eb12/awards/renal.htm)

The following Renal Section awards were bestowed at Experimental Biology in April 2012. Congratulations to all!

### 2012 Renal Section Predoctoral Excellence in Renal Research Award

41 total applicants representing 10 nationalities & 26 primary institutions in 9 countries. Finalists:
- Justine Abais (Virginia Commonwealth University)
- Ryan Cornelius (University of Nebraska)
- Teresa Kennedy-Lydon (Royal Veterinary College)
- Jacob Richards (University of Florida)

**Winner: Di Feng** (Medical College of Wisconsin)

### 2012 Renal Section Awards

**Dr. Brooks Robey** (Outgoing Chair)
**Dr. Volker Vallon** (Incoming Chair)

The following Renal Section awards were bestowed at Experimental Biology in April 2012. Congratulations to all!

### 2013 Young Investigator Award

**Dr. Alexander Staruschenko**

Please submit your abstract to the Renal Section YIA Featured Topic (1265-APS):

Regulation of Ion Transport in the Aldosterone-Sensitive Distal Nephron

### 2013 Gottschalk Lecturer

**Dr. Jeff Sands**

Please join us for the 2013 Carl W. Gottschalk Distinguished Lectureship:

“Regulation of Renal Urea Transport”
Monday April 22nd at 3:15pm
2012 Renal Section Amgen Postdoctoral Excellence in Research Award
30 total applicants representing 12 nationalities & 22 primary institutions in 4 countries. Finalists:
- Krishna Boini (Virginia Commonwealth University)
- Elena Mironova (University of Texas, San Antonio)
- Anne Riquier-Brison (University of Southern California)
- Ankita Roy (University of Pittsburgh)
Winner: Richard Grimm (University of Maryland)

2012 Renal Section Research Recognition Awards
- Michael Butterworth (University of Pittsburgh)
- Ming-Guo Feng (Tulane University)
- Young-Hyun You (University of California, San Diego)
- Mark Parker (Case Western Reserve University).

2012 Renal Section New Investigator Award
Oleh Pochynyuk (University of Texas, Houston)

Other Awards to Renal Section Trainees:
Debra Irsk, Min-Young Kwak, and Cecilia Ortiz-Capisano won Caroline tum Suden/Frances Hellebrandt Professional Opportunity Awards. Vannessa Ramseyer was a recipient of the Steven M. Horvath Professional Opportunity Award.

2012 Renal Section Awards Committee
Brooks Robey (Outgoing Chair), Dartmouth
Nuria Pastor-Soler, University of Pittsburgh
Carolyn Ecelbarger, Georgetown University
Mitsi Blount, Emory University
Volker Vallon (Incoming Chair), UCSD
Robert Fenton (Incoming Co-Chair), Aarhus University
Alejandro Chade, Univ. of Mississippi Medical Center
Alexander Staruschenko, Medical College of Wisconsin

With special thanks to:
Heddwen Brooks (Section Chair; University of Arizona), Pablo Ortiz (Past Awards Comm. Chair; Henry Ford Hospital) and Catherine Ohnmacht (APS Section Administrator)

From the Treasurer
Dr Don Kohan

Renal Dinner – 2013

Where: Anthony's Pier 4 (on the waterfront within easy walking distance from the Boston Convention and Exhibition Center).
When: 6:30-10:00 PM, Monday, April 22, 2013

The Renal Dinner has long been an important part of EB for us and this year will be no exception! We will have a reception for 45 minutes, followed by the meal and awards ceremony. The meal will be great: Boston seafood chowder, Glover salad, choice of main course (lobster, filet mignon or...
vegetarian), green beans, baby dill potatoes, hot popovers, chocolate rum mousse, etc! We are working hard to raise funds for the dinner (about 25 potential donors have been contacted); if you have any suggestions about donors to contact, please let me know. My contact info is: donald.kohan@hsc.utah.edu, 801-581-2726.

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).

This year the Dale Benos Early Career Professional Service Award was given to Jennifer Uno, an outstanding example of service and scientific contributions to the physiology community. If you are at an early career stage (graduate student, post doc or Assistant Professor) and you have made contributions to broaden the knowledge in the physiology community then don’t hesitate and apply for this wonderful award! Last year we received more than 15 applications. The deadline is January 24th 2013 and includes $1,000 and complimentary registration for EB. In addition, a list of awards for early career researchers can be found at: http://www.the-aps.org/mm/awards/Other-APS-Awards/Early-Career-Professional.

As you prepare to submit your first authored abstract for EB 2013 remember to apply to the Amgen Postdoctoral or Predoctoral Excellence in Renal Research Awards, instructions can be found at http://www.the-aps.org/mm/awards/sections/renal#predoctoral.

In addition am pleased to inform you that three trainees from the Renal Section will form part of a Renal TAC subcommittee and will collaborate in providing ideas and organizing activities for trainees at EB. I want to thank Daria Ilatovskaya, Pablo Cabral and Debra Irsik for offering their help.

Finally, visit the Trainee Web Page http://www.the-aps.org/mm/hp/Audiences/students and sign up for the Trainee Listserv as well as the Renal Listserv. Both of them 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 American Physiological Society Trainees on Facebook, you will find links that are helpful for your career, notifications about awards, meetings and courses.

My e-mail is vramsey1@hfhs.org; please, feel free to contact me if you have any questions or suggestions to help improve the trainee experience.

We had excellent submissions for symposia this year. We are grateful to everyone for their interest and contributions! We should note that at end of this year, David Weiner will be rotating off the JPC (thanks for all of your hard work, David!!) and Paul Welling will be rotating on – so for any Programming questions or suggestions, Jen and Paul are your best contacts from here on out.

EB 2013 featured topics and symposia will include:

- **Young Investigator Awardee Alexander Staruschenko** (Sunday 10:30am, Room 208)

  **Featured Topic:** Regulation of Ion Transport in the Aldosterone-Sensitive Distal Nephron (1265-APS)

  **Co-Chair:** Donald Kohan

- **Symposia:** Paracrine Regulation of Renal Tubular Function (Sunday 3:15pm, Room 208)

  **Chairs:** Gerhard Giebisch and Michael Caplan

- **Symposia:** Mechanosensory mechanisms in the kidney (Monday 10:30am, Room 209)

  **Chairs:** Oleh Pocynynyuk and Alexander Staruschenko
• Gottschalk Awardee Jeff Sands, Emory University (Monday 3:15pm, Room 210A)
  Lecture Title: Regulation of Renal Urea Transport
• Symposia: G protein-coupled oestrogen receptor 1 (GPER1/GPR30): the receptor mediating acute
  estrogen and aldosterone effects? (Tuesday 3:15pm, Room 208)
  Chairs: Jeppe Praetorius and Björn Olde

Please continue to submit symposium proposals for the Experimental Biology Meetings. This is a great
opportunity to ask 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 (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. Please note that we especially encourage junior investigators to organize
these sessions. No grey hair required. Thanks to all!!

Renal Section Topics for EB 2013
Note: The Renal Section has 2 ABSTRACT-DRIVEN Featured Topics. We fill these Oral Sessions
with the very best abstracts submitted to the following categories, so submit your finest work here:

- 1265-APS  Regulation of ion transport in the aldosterone-sensitive distal nephron
  (Staruschenko/Kohan; Young Investigator Awardee)
- 1318-APS  Translational research in kidney disease, hypertension and electrolyte disorders
  (Cunningham/Welling; co-sponsored by Water and Electrolyte Section)

Additional Topics:
- 1266-APS  Diabetic renal disease
- 1267-APS  Hormone and autocoid effects on the kidney
- 1268-APS  Oxidative stress and the kidney
- 1269-APS  Renal epithelial acid-base mechanisms
- 1270-APS  Renal hemodynamics and glomerular filtration rate
- 1271-APS  Renal ion transport, trafficking, and regulation
- 1272-APS  Renal organic solute transport
- 1273-APS  Renal pathology, toxicology, and cystic diseases
- 1274-APS  Renal water transport, urea transport, and countercurrent mechanisms
- 1275-APS  Sex differences in renal function and disease

This is my last year as Editor-in-Chief of AJP-Renal
Physiology. I would like to thank our team of associate editors
for the work they put into the journal, Lisa Satlin, Susan Wall,
Gerald Apodaca, Kumar Sharma, Darwin Bell, Jeffrey Garvin,
and Karl Nath. Without these talented people we would not
have the success we have seen over the last 6 years. I would
also like to thank our managing editor, Amy McEver, for her
important contributions to the journal.
Our manuscript submissions are up 6% from last year and our impact factor remains stable at 3.68. One of our main initiatives this year was to decrease our time from submission to decision. We have whittled away at this number and we currently average 24.5 days.

We have been publishing monthly podcasts where authors and editors discuss new publications in the journal. You can access these podcasts at http://ajprenal.podbean.com/. Our most recent podcasts are discussions with our Associate Editor, Lisa Satlin, and Chou-Long Huang of UT Southwestern regarding his recent paper that examined the effect of KS-WNK1 on Na transport in the cortical thick ascending limb, and with Raheev Rohatgi regarding the role of tubular flow in the activation of phospholipase A2 and excretion of PGE2.

We currently have calls for papers in four different areas: Renal Solute Co-Transporters and Exchangers, Chronic Kidney Disease and Fibrosis, Renal Acid-Base Physiology, and the Pathophysiology of Acute Kidney Injury. Details are available online at http://www.the-aps.org/mm/Publications/Journals/AJP-Renal/Special-Calls. On behalf of AJP-Renal Physiology, I look forward to receiving submissions from members of the Renal Section. We will be at ASN 2012. Please be sure to visit us at our booth.

Representing your Renal Section colleagues on APS Committees is critical for maintaining the vitality of our section and our society. There are 16 committees in need of new membership in the upcoming cycle (2014), and more than 45 vacancies must be filled. The Renal Section needs qualified nominees in order to maintain a fair level of representation among the committees. If you have submitted your name before, please keep trying, as persistence is a valued quality. Also, be aware that the competition for some of the committees can be quite a bit more fierce than for others. Traditionally, the Education, Animal Experimentation, and International Committee receive a lot of nominees from across the society and substantial relevant experience is a must. Some other committees are in need of more nominees (see below). A web page providing committee position descriptions and responsibilities can be found at: http://www.the-aps.org/mm/hp/Audiences/APS-Committees/nominations/positiondescriptions.html

The application takes only a little time and effort: you just need to submit a brief Candidate Form, and one other person must fill out an Endorsement Form to highlight your qualifications for a particular committee. A description of the committee nomination process can be found on the APS website (http://www.the-aps.org/mm/hp/Audiences/APS-Committees/nominations). Here you will also find nomination forms, endorsement forms, and current roster information with a list of available positions (http://www.the-aps.org/mm/hp/Audiences/APS-Committees/nominations/vacancy.html).

The deadline for submitting the forms is January 17, 2013 for 2014 committee appointments. Please send both forms electronically to nominations@the-aps.org and to me, at john.lorenz@uc.edu.

This past year the Renal Section had a total of 15 nominees, and 4 were selected by the Committee on Committees and approved by APS Council. Accordingly, well-deserved congratulations are offered to the following members of the Renal Section who were selected. Awards Committee: Ryan Pelis, Dalhousie Univ.; Education Committee: Elimelda Ongeri (alternate), North Carolina A&T Univ.; International Committee: Matthew Bailey (alternate), Univ. Edinburgh; Porter Physiol. Development: Aaron Polichnowski, Loyola Univ., Chicago.

The following table provides relevant information regarding Renal Section representation and openings for APS committees.
<table>
<thead>
<tr>
<th>Committee</th>
<th>Openings for 2014</th>
<th>Renal Membership (term exp.)</th>
<th>Total number of nominations received last cycle (2013; from all APS sections)</th>
</tr>
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<tbody>
<tr>
<td>Animal Care</td>
<td>1 member</td>
<td>None</td>
<td>21</td>
</tr>
<tr>
<td>Awards</td>
<td>Chair, 5 members</td>
<td>Marcela Herrera (14), Ryan Pelis (15)</td>
<td>10</td>
</tr>
<tr>
<td>Career Opportunities</td>
<td>3 members, 1</td>
<td>Tan Ya M. Gwathmey (13)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>student, 1 trainee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications</td>
<td>2 members 1</td>
<td>Prabhleen Singh (14)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>student</td>
<td></td>
<td></td>
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<tr>
<td>Conference</td>
<td>Chair, 2 members</td>
<td>Ed Inscho (14)</td>
<td>6</td>
</tr>
<tr>
<td>Ray G. Daggs</td>
<td>Chair, 2 members</td>
<td>William Dantzler (14)</td>
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<tr>
<td>Education</td>
<td>4 members, 1</td>
<td>Carmen Troncoso Brindeiro (13), Elimelda</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>trainee</td>
<td>Ongeri (alt.)</td>
<td></td>
</tr>
<tr>
<td>Finance</td>
<td>2 members</td>
<td>Jeff Sands (14), Mitsi Blount (14)</td>
<td>2</td>
</tr>
<tr>
<td>International</td>
<td>Chair, 3 members</td>
<td>Alexander Staruschenko (13), Robert Fenton</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(14), Matthew Bailey (alt.)</td>
<td></td>
</tr>
<tr>
<td>Membership</td>
<td>Chair, 6 members</td>
<td>Minofla Prieto (14)</td>
<td>11</td>
</tr>
<tr>
<td>Porter Development</td>
<td>Chair, 3 members</td>
<td>Aaron Polichnowski (15)</td>
<td>5</td>
</tr>
<tr>
<td>Publications</td>
<td>3 members</td>
<td>David Pollock (13)</td>
<td>2</td>
</tr>
<tr>
<td>Science Policy</td>
<td>4 members, 1</td>
<td>R. Brooks Robey (13)</td>
<td>5</td>
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<tr>
<td></td>
<td>trainee</td>
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**From the APS Science Policy Department**

**APS Early Career Advocacy Fellowship**

Are you interested in advocacy on behalf of biomedical research? Do you want to improve your outreach skills and learn more about science policy? If so, please consider applying for the APS Early Career Advocacy Fellowship. This program seeks to engage early career investigators in advocacy activities and provide them with skills to become long-term advocates for biomedical research. Experienced members of the APS Science Policy Committee (SPC) will mentor Fellows in developing advocacy skills. APS Early Career Advocacy Fellows will attend a special orientation session at the 2013 Experimental Biology meeting to learn about the Society’s advocacy efforts and receive preliminary training about meeting with Members of Congress and their staff. Fellows will also get email briefings on science policy issues and attend the SPC’s fall 2013 meeting in Bethesda, where they will go on Capitol Hill visits with SPC members and APS staff. For more information and a link to the online application: [http://the-aps.org/advocacyfellowship](http://the-aps.org/advocacyfellowship)

**FASEB Sponsors Stand Up For Science Competition**

The Federation of American Societies for Experimental Biology (FASEB) is sponsoring a competition for the most effective demonstration of how NIH, the NSF, or other federally funded research improves the health, quality of life, or economy in local communities. The competition opened September 19, 2012, and all events/exhibits must start or take place by November 10, 2012. Prizes include a $10,000 Grand Prize, a $5,000 Runner-up Prize, and five $2,000 Honorable Mention prizes. FASEB encourages individuals and groups from around the country to participate. More information: [http://www.wizehive.com/contests/faseb-stand-up-for-science-contest](http://www.wizehive.com/contests/faseb-stand-up-for-science-contest)

For more information regarding science policy news and updates, APS advocacy efforts, funding and other issues relevant to the physiologist, check out the APS’s Science Policy page at: [http://www.the-aps.org/mm/SciencePolicy](http://www.the-aps.org/mm/SciencePolicy)
RENAL SECTION STEERING COMMITTEE

**Chair and SAC Representative**
Heddwen L. Brooks, Ph.D. (04/11-04/14)
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Paul A. Welling (Incoming; 01/13-12/15)
University of Maryland School of Medicine
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**Important Dates**

**November 8, 2012**  Deadline for Experimental Biology Abstracts, Renal Section Awards, Caroline Tum Sundén Professional Opportunity Awards

**November 10, 2012**  Closing date, FASEB “Stand Up For Science” contest

**November 13, 2012**  Deadline for many other APS Early Career Professional awards

**November 16, 2012**  APS Early Career Advocacy Fellowship application deadline

**December 15, 2012**  Pre- and Post-doctoral Novel Disease Awards deadline

**January 17, 2013**  Nominations due for APS Committees

**January 24, 2013**  Nominations due for Dale J. Benos Early Career Service Award

**March 31, 2013**  2014 Young Investigator Award and 2013 Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section nomination deadline

**April 20-24, 2013**  Experimental Biology 2013, Boston, MA

See www.experimentalbiology.org and www.the-aps.org for more information