The EB2022 abstract deadline is November 30, 2021. The EB 2022 meeting in Philadelphia will be the last of its kind as afterward we transition to our independent APS meeting in 2023. In the Spring of 2022 information on our new meeting format will be announced by APS. Also look for updates in our Renal Section Spring 2022 newsletter.

Currently the plans for EB22 are to have an in-person meeting in Philadelphia. Our Posters & Professors is scheduled for Sunday April 3, from 5:30-7:30 pm.

Please check the Awards Committee section of this Newsletter to find important award dates for the various Renal Section Awards for EB2022!

The Renal Section Steering Committee would like to thank *Physiological Reports* and Editors for their generous support of our Pre- and Post-Doctoral Excellence in Renal Research Awards at EB2021!

The Renal Section Young Investigator Awardee for 2022 is *Henrik Dimke PhD*, University of Southern Denmark. Congratulations Henrik!

The Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section for 2022 is *Robert Fenton, PhD*, Professor of Molecular Cell Biology, Aarhus University, Denmark. His lecture is entitled: “Aldosterone Versus Potassium: A Battle for Control of the Distal Nephron”. Congratulations Robert!

*Heddwen Brooks, PhD* has been nominated to run for APS Council by the APS Nominations Committee! The election will be held early in 2022. I hope you all will strongly consider Heddwen due to her commitment to APS and our Renal Section. Congratulations Heddwen!

Finally, a big thank you to the APS Renal Section members for their continued collaboration to maintain our high-quality scientific sessions and in financial support for our section. The APS Renal Section Steering Committee looks forward to working with all our Renal Section members to keep our section strong and moving forward. Please share your ideas and suggestions to the APS Renal JPC representatives and Steering Committee.

Have a great Holiday Season!

Best,

Katie, Chair APS Renal Section
News from Dr. Heddwen Brooks, Editor-in-Chief, AJP-Renal

We would like to express our sincere gratitude to the Editorial Board and all our reviewers for your time, efforts, and service in reviewing for AJP-Renal Physiology and supporting the journal in many other ways, including publishing your own research, citing the relevant manuscripts, and promoting the journal and published articles on social media. The contributions of our Editorial Board members and reviewers are central to the success of the journal, and I have been heartened to see how responsive renal members are to review requests. I would also like to thank all of you for your professional reviews.

AJP-Renal Early Career Editorial Fellowship Program (Deadline: December 1, 2022)
For the second year, our competitive application process is open for the Early Career Editorial Fellowship, with a deadline of December 1, 2022. The goal of this program is to train the next generation of Editorial Board members. Postdoctoral fellows and early career faculty are eligible to apply. The awardees will start on January 1, 2022. Each awardee will work directly with an Associate Editor on the process of reviewing manuscripts. They will learn the expectations of an Associate Editor in making final decisions and will get feedback on giving constructive comments to authors and to the Associate Editor.

APS Conference: *New Trends in Sex and Gender Medicine* AJP-Renal Awards
AJP Renal supported four abstract-based awards at the recent APS Sex and Gender conference.

Congratulations to:
Logan Ryals (University of Mississippi Medical Center)
*Chronic hyperandrogenemia in female rats affects classical and nonclassical intra-renal renin-angiotensin system*

Shaun Moore (George Washington University)
*The inflammatory response to downregulation of dopamine D2 receptor in the renal proximal tubule is sex-dependent*

Katrina Mirabito (Monash University)
*ACE2 contributes the normal regulation of arterial pressure and immunity in females of reproductive age*

Raina Gerritts (Des Moines University)
*Chronic intermittent hypoxia adversely affects renal microcirculatory regulation and tissue Po2 in ovariectomized female rats*
First Author Spotlight
This new initiative started last April, and each issue we spotlight our first authors with a picture and a short statement of current interests. Our AJP-Renal authors and researchers are a dynamic and diverse group; thus, our goal is to highlight the individuals behind the papers. https://journals.physiology.org/doi/full/10.1152/ajprenal.2021.321.2.AU

Collections: How to Find Relevant papers in AJP-Renal
We have developed a series of Collections that allows authors to easily find recently published manuscripts in AJP-Renal that you may find appropriate for discussion and citation as you prepare your submission.

Journal Art Cover
Past journal covers are now highlighted on the AJP-Renal website under the cover archive (https://journals.physiology.org/journal/ajprenal/journal-covers). Authors are encouraged to nominate their work after they receive the acceptance letter.

Free Article of the Week
Those who follow the AJP-Renal Twitter or Facebook page have seen the new program, Free Article of the Week. One recently published manuscript is made available through open access for 1 week.

Calls for Papers and New Guest Editors
We have several Calls for Papers open, which include:

1. Mechanisms of Renal Electrolyte Transport and Ion Channel Regulation in Honor of Dr. Gerhard Giebisch
2. Molecular Basis of Kidney Injury and Repair, with Guest Editors Dr. Pinelopi Kapitsinou and Dr. Subhashini Bolisetty
3. Renal Adaptations in Pregnancy, Maternal Health Disorders, and Women’s Health, Sex Differences in Honor of Dr. Ellen Gillis, with Guest Editor Dr. John Henry Dasinger
4. Interorgan Communication in Homeostasis and Disease

AJP-Renal Social Media Connections
We encourage the Renal Section to connect with our journal and the editorial team on social media! AJP-Renal Twitter: @AJPRenal, Heddwen Brooks: @AJPRenalEIC, Sasha Staruschenko: @staruschenko, Timo Rieg: @RiegTimo, Michelle Gumz: @MLGumz, Jennifer Pluznick @jenpluznick, Maria Luisa Sequeira Lopez: @MLSequeiraLopez, Robert Fenton: @rofe6065, Kate Denton: @katedentonmona1, Facebook AJP-Renal: https://www.facebook.com/AJPRenal

Article of the Week, journal covers, APS Select, Image of the Week, and recent papers are all posted.
Hello Everyone! Experimental Biology 2022 will be held in Philadelphia, PA (April 2-5). Outstanding symposia are programmed, highlighting current advances in the field. The meeting provides an ideal venue to present your latest findings in highly interactive Oral and Poster sessions. Please keep an eye out for scheduling updates via e-mail and the EB2022 website. Featured Topics Advances in Renal Physiology I and II will be programmed from the highest scoring abstracts submitted to the Renal Section topics below.

The abstract deadline for EB2022 is November 30, 2021. The abstract submission site can be found at https://submissions.mirasmart.com/EB2022/login.aspx. Please be sure to submit your abstracts to one of the Renal Section Topics listed below.

**EB2022 Renal Section Abstract Topics**

1295-APS  Acute kidney injury  
1296-APS  Renal complications of polycystic disease  
1297-APS  Diabetic kidney disease  
1298-APS  Kidney in hypertension  
1299-APS  Nutrition, exercise, and metabolic syndrome in renal function  
1300-APS  Omics and systems biology of renal function and disease  
1301-APS  Oxidative stress and hypoxia in the kidney  
1302-APS  Renal hemodynamics, glomerular filtration, and the renal vasculature  
1303-APS  Renal ion transport, transporter regulation, and trafficking  
1304-APS  Renal pathology, toxicology  
1305-APS  Renal translational physiology  
1306-APS  Renal water transport, urea transport, and countercurrent mechanisms  
1307-APS  Sex differences in renal function and disease
The APS Renal Section Awards Committee received a large number of applications in every category for 2021 awards. The abstracts and applications were of extraordinary quality and the competition was extremely strong. In addition to the finalists and awardees listed, there were many other highly meritorious applicants that the Committee was unable to recognize individually. The Renal Section is grateful to the Awards Committee judges: Kelly Hyndman, Jim McCormick, Shengyu Mu, Kerim Mutig, Oleg Palygin, Nirmala Ramkumar, Aylin Rodan, Blythe Shepard, Jennifer Sullivan, and Lei Wang. Thank you very much to all participants in this year’s competition. See details below for how to nominate others - or yourself - for Renal Section awards. We are looking forward to your applications!!! Complete information can be found at: https://www.physiology.org/community/aps-communities/sections/Renal/section-awards?SSO=Y

Contact Awards Chair Jennifer Sullivan, PhD  (jensullivan@augusta.edu) with any questions.

Awards Committee Updates

Dr. Jennifer Sullivan, Chair
Dr. Aylin Rodan, Co-Chair

Robert W. Berliner Award for Excellence in Renal Physiology
Recognizes distinguished lifetime achievement in renal physiological research by a living scientist.
- Candidates must be at least 60 years old and a major contributor to the field of renal physiology over a lifetime.
- Accomplishments should include research, teaching, training, and activities within APS
- Receive nomination from an APS member
- Be an APS member in good standing
Deadline: December 31, 2021

2023 Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section
- Has made major contributions to understanding physiological processes.
- Receive a nomination from an APS member
- Submit a summary of contributions to renal physiology
Deadline: February 28, 2022

Renal Section New Investigator Award
- Previous winners are not eligible to apply
- APS member with Renal Section primary affiliation
- Receive nominations from at least two regular members of the APS
- Be equivalent to or below the rank of assistant professor or a comparable position in a research track at an academic institution or in industry
Deadline: December 7, 2021

Renal Section Young Investigator Award
- Be an APS member in good standing with primary affiliation with the Renal Section
- Receive nomination from an APS member
- ≤41 years old or ≤ 15 years beyond doctoral degree
- Have published original work in the American Journal of Physiology–Renal Physiology
Deadline: February 28, 2022

Predoctoral Excellence in Renal Research
Graduate students & APS members
Deadline: December 7, 2021

Postdoctoral Excellence in Research
Postdoctoral Fellow & APS member
Deadline: December 7, 2021

APS Research Recognition Award
Graduate student or Postdoc & first author on EB 2022 Abstract
Deadline: December 7, 2021
*Open to individual with primary membership in Renal Section
**Renal Section will offer Steve M. Horvath RRA to top applicant from underrepresented racial/ethnic background.
Congratulations to the 2021 Renal Section Award Winners

Robert W. Berliner Award for Excellence in Physiology

This award recognizes distinguished lifetime achievement in renal physiological research by a living scientist. The 2021 awardee was: Donald Kohan, MD, PhD, Emeritus Professor of Medicine at the University of Utah.

Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section

This award recognizes a world-renown, distinguished and engaging speaker who has made major contributions to understanding physiological processes through state-of-the-art research. The 2021 awardee was Edward Inscho, PhD, University of Alabama Birmingham.

Renal Section Young Investigator Award

This award recognizes an outstanding young investigator pursuing research in renal physiology, pathophysiology or hypertension. The 2021 awardee was: Erika Boesen, PhD, University of Nebraska.

Young Investigator Excellence in Research Award

This award recognizes an outstanding investigator in the early stages of their career (not above the rank of Assistant Professor). The 2021 awardee was: Clintoria Williams, PhD, Wright State University.

Recipient of the 2021 Renal Section New Investigator Award

This award recognizes an outstanding investigator under the age of 41 or within 15 years of first doctoral degree. The 2021 awardee was: Niru Ramkumar, MD, MPH, Assistant Professor at the University of Utah.

Steven M. Horvath RRA Winner

This award is given to the top ranked RRA applicant from an underrepresented racial/ethnic background. The 2021 awardee was: Esinam Attipoe, University of Mississippi Medical Center.

Renal Section Research Recognition (RRA) Award Winners

These awards recognize outstanding research by graduate students and postdoctoral fellows who present a first author abstract at the Experimental Biology Meeting.

The awardees are:

- Madeline Gauthier, University of Arizona
- Daria Golosova, Med Coll of Wisconsin
- Ana Paula Leite, Tulane University
- Guangbi Li, Virginia Commonwealth University
- Bibek Poudel, Univ. of Mississippi Medical Center
- Satoshi Shimada, Med Coll of Wisconsin
- Rodrigo Silva-Aguiar, Federal University of Rio De Janeiro
- Sarah Ray, Augusta University
- Samar Rezq, Univ. of Mississippi Medical Center
2021 Renal Section Predoctoral Excellence in Renal Research Award

This award recognizes first author postdoctoral fellows presenting abstracts at the EB 2021 meeting involving renal-based research. *Supported by Physiological Reports.

**Winner:** Owen Richfield, Tulane Univ Sch of Med  
**Runner-up:** Clayton Brady, University at Buffalo, State University of New York  
**Finalists:**  
Lashodya Dissanayake, Med College of Wisconsin  
Owen Richfield, Tulane Univ Sch of Med  
Pragya Saxena, Michigan State Univ  
Corbin Shields, Univ. of Mississippi Medical  

2021 Renal Section Postdoctoral Excellence in Research Award

This award recognizes predoctoral students who were first authors on an abstract involving renal-based research at EB2021. *Supported by Physiological Reports.

**Winner:** Megan Rhoads, University of Alabama Birmingham  
**Runner-up:** John Henry Dasinger, Augusta University  
**Finalists:**  
Adrienne Assmus, University of Edinburgh BHF Centre for Cardiovascular Science  
Christine Klemens, Med Coll of Wisconsin  
Tarek Mohamed, UT Hlth Sci Ctr San Antonio

News from the Treasurer

Dr. Daria Ilatovskaya, Treasurer  
Dr. Mykola Mamenko, Incoming

Dear Renal Section members,

First of all, I would like to welcome incoming Treasurer, Dr. Mykola Mamenko, from Augusta University. We are currently working together to make sure Dr. Mamenko is fully trained and is ready to take the reins at EB 2022! We are both looking forward to (fingers crossed!) welcoming you at the next Renal Dinner 2022! Location TBD, but we are working diligently to make it fabulous 😊 If you are eligible, please apply for the 2023 Young Investigator Award. The deadline is February 28, 2022.

We would like to sincerely thank everyone who donated to Renal Section Endowment Fund, so that we could steadily support our trainees and awards in the future. Please consider donating to Renal Section this year and do not forget that if you choose to donate to Renal Endowment Fund, APS will generously match it! Please follow this link to donate. Thank you for the continuous support, which allows us to have our wonderful section events and provide awards and travel support to our trainees!

If you have any questions about the donations, would like to suggest a sponsor, or any form of financial (and moral!) support, - please contact Daria Ilatovskaya, (dilatovskaya@augusta.edu), the incoming Treasurer Mykola Mamenko (mmamenko@augusta.edu) or Ann Marie Bocus, APS Sections Administrator. abocus@physiology.org.
Trainee Advisory Committee Updates
Dr. Christine Klemens, PhD

I hope everyone is beginning to get excited as the last Experimental Biology meeting is right around the corner! There is still time to submit an abstract and apply for trainee awards, which can be submitted here. Important deadlines can be found below.

**Graduate Student Ambassador** Fellowship Program is a joint venture between the TAC and the APS Council to encourage graduate student to share their experiences and serve as a liaison between APS and local undergraduate students. Five graduate students are selected annually to visit local undergraduate institutions and talk about their career choice and opportunities for APS involvement. It is a great opportunity to build leadership, communication, and outreach skills and help influence the next generation of incoming trainees!

Keep your eyes open for the soon to launch **APS Career Gateway** for professional development. This gateway will feature seminars, mentoring opportunities, and articles on a broad range of topics including leadership development, career planning, imposter syndrome, diversity in science, building networks, and more. The APS Jobs Board will also be relocated to this section of the APS website.

Be sure to subscribe to the Renal Section APS HUB for updates, special event notifications and deadline reminders. And as always, please contact us (contact information on pg.10) with any ideas, questions, or suggestions. We would love to hear from you! We are here to do our best to improve Renal Section Trainees experience. Current Renal Section Trainee Advisory Subcommittee Members and email addresses are listed on the last page of this newsletter. Looking forward to seeing everyone at EB!

Committee on Committees Updates
Dr. Clintoria Williams, PhD, FAHA

Dear colleagues,

It is an honor to serve as the Renal Section Representative for Committee on Committees (CoC). My goal is to continue increasing our representation on committees within the APS.

Congratulations to the following Renal Section members on being appointed to an APS-wide committee:

- Tanecia Mitchell - Career Opportunities in Physiology Committee
- Sherry Adesina - Physiologists in Industry Committee

Thank you to all who applied to serve on a committee. Our section had excellent nominees and I encourage you all to apply again.
Thank you to the Renal Section members who will complete their terms April 2022:

- Eryn Dixon (Trainee) - Animal Care & Experimentation
- Timo Rieg - Awards Committee
- Frederik Palm - Conference Committee
- Jennifer Pluznick - Diversity & Inclusion Committee
- Jeffrey Garvin - Finance Committee
- Michael Hultstrom - International Committee
- Robert Brooks Robey - Physiology Educator

This means that we need new people to fill upcoming vacancies on APS-wide committees, with terms starting in 2023. People of all career stages are welcome to apply. This is a great opportunity to get involved, make a difference, and to meet a variety of active and engaged APS members across sections. Our section members have a strong history of advancing the mission and leadership of the APS through committee service, so let’s keep making an impact!

Applications are now being accepted through February 7, 2022 [Committee Application Process | American Physiological Society (physiology.org)]. I am available to help navigate the process and find a good committee to target. Committees in particular need of Renal Section representation are:

- Animal Care & Experimentation Committee
- Conference Committee
- Publications Committee
- Science Policy Committee
- Women in Physiology Committee

If there are other committees of interest to you, you are welcome to apply. Please see the APS website for more details on what each committee does: Committee Vacancies | American Physiological Society (physiology.org)

How does the process work?

- Nominations are submitted through the online system: Awards | American Physiological Society (physiology.org).
- All nominations from across the APS are reviewed by the CoC in early 2022 to identify the most suitable candidates.
- CoC makes recommendations to APS Council.

To boost your chances of success:

1. Clearly address why YOU are perfect for this committee assignment, highlighting your relevant background and experiences. Don’t forget to show that you understand the committee’s mission!
2. Have a strong support letter reinforcing why you are such a great fit, ideally written by an APS member known to the society more broadly.
3. Avoid nominating for committees that already have several members from the Renal Section or your institution - broad and diverse representation is important.

This is a competitive process. Be strategic in your application but don’t be discouraged if you aren’t selected on the first try! Please let me know if you are interested in serving. I’m here to help!
Updates from the International Committee
Dr. Michael Hultstrom, Dr. Oleg Palygin & Dr. Thiago Moreira, Chair

The International Committee uses our learning and experience to represent and assist non-US members of APS. Our global aim is to develop strategies to expand the global membership of APS and establish communication between the other physiological societies and their members. Currently, we have more than 1800 APS members representing physiology research scientists and universities around the world. The Renal Section consists of 144 international members. Japan and Denmark are the top two countries with the biggest number of non-US renal scientists in the APS community. International Committee member Michael Hultstrom from Uppsala University representing Renal Section from 2019 to 2022 and Oleg Palygin starting the following term (2021-2024).

The impact of the pandemic on the research process, meetings, and collaborations was significant and caused a major interruption in communication between the US and international society members. We are looking for a solution to resolve this problem and find new ways to involve international members in APS activity. Particularly, we encourage attracting additional international members to serve on APS Committees specifically involved in planning the upcoming meetings. We hope that the 2022 Experimental Biology meeting in Philadelphia will be in person or hybrid format and provide an important opportunity to increase communication and research collaborations between all members of APS.

The initiative of the International Committee is designed to assist with travel expenses that international early career physiologists incur in attending the Experimental Biology Meeting in order to present their work. The International Early Career Physiologist (IECP) Travel Awards are presented to graduate students, post-doctoral fellows and junior faculty members who work outside the United States. Applications are reviewed and rated by the International Committee. In order to receive an IECP Travel Award, successful candidates are required to attend the APS annual meeting at Experimental Biology (EB) and present their work. Awardees will be recognized, and reimbursement checks presented at the APS Business Meeting during the Experimental Biology Meeting.

To be eligible for an IECP Travel Award, the applicant:
1. Must be an APS member in good standing
2. Must be studying for a doctoral degree or have received a doctoral degree within the past 15 years
3. Must not be above the rank of Assistant Professor or equivalent
4. Must submit an abstract as presenting author (i.e., first author) to the Experimental Biology meeting (see “Tips on Writing a Successful Abstract” below) and attend the meeting to present their work. The abstract must be submitted to a Topic Category of the APS Section to which the applicant’s research is relevant.
Please Note: Individuals who have received an IECP travel award in two consecutive years are not eligible to apply for the award in the third year. Please note that Student Members must have their abstract sponsored by an APS Regular Member; if you cannot find a Regular Member to sponsor your abstract, please contact Thiago Moreira, Chair of the International Committee (tmoreira@icb.usp.br). Applicants must complete the on-line application and upload a brief curriculum vitae and a pdf of the abstract that has been submitted for the Experimental Biology meeting.

Updates from the Career Opportunities in Physiology Committee (COPC)
Dr. Tracy Baynard

APS’ 2022 Career symposia will feature the theme “Work-Life Balance”, with talks centered on avoiding burnout, self-care, and overcoming obstacles.

APS’ 2022 Mentoring symposia will feature the theme “Navigating Career Obstacles”, with talks geared towards academic ethics, handling rejection, and career interruptions.

Look for updates in the Spring of 2022!
Renal Section Steering Committee

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