In Memoriam
1941-2017
James A. Schafer

James Schafer was a Professor Emeritus in the Department of Cell, Developmental, and Integrative Biology (formerly the Department of Physiology and Biophysics) at the University of Alabama at Birmingham (UAB) and held secondary appointments as a Professor Emeritus of Medicine and a Senior Scientist in the Nephrology Research and Training Center.

Born in 1941 in Buffalo, NY, Schafer attended the University of Michigan, receiving his BS in Biophysics in 1963 and his PhD in physiology in 1965. He received one year of postdoctoral training in the laboratory of Erich Heinz at the Gustav-Emden Center for Biochemistry in Frankfurt, Germany, followed by a year with Thomas Andreoli at Duke University. He moved to UAB with Andreoli in 1970, as Assistant Professor in the Departments of Physiology and Biophysics and Medicine where he has remained for over 40 years.

Schafer was an internationally recognized accomplished scientist and a very active member of the APS serving on numerous national and international committees. He was Associate Editor and then Editor of AJP: Renal (1983-1989). He was elected to serve on APS Council (1992-96) then served as APS President (1996-97). He was also heavily involved in the activities of the ASN serving on the Council as Secretary-Treasurer and was on the editorial boards of numerous journals related to physiology, cell biology and nephrology. Schafer won many awards including the ASN Homer Smith Award and the Robert Pitts Award from the International Union of Physiological Sciences. He was recognized for his outstanding research in many ways and played a major leadership role within the NIDDK. Most importantly, Jim Schafer was a truly remarkable and caring person with many close friends throughout the world. Those who knew him personally will all have very fond memories of their interactions with him. He will be greatly missed.

Message from the Renal Section Chair - Don Kohan

EB2017 is almost here! The Renal program should be outstanding, largely thanks to our Renal Section Program Committee reps – Pablo Ortiz and Ed Inscho. The program includes: 1) symposia on renal transporter regulation by protein-protein interactions, regulation of glomerular physiology, new insights into regulation of renal blood flow in health and disease, microRNAs in kidney and epithelial transport physiology, and other topics; and 2) Featured Topics on renal physiology and kidney disease as well as the Young Investigator Featured Topic session. This year we will honor the following major award winners: Roland Blantz is the 2017 Berliner awardee, Paul Welling is the 2017 Gottschalk Distinguished Lecturer, and Oleh Pochynyuk is the 2017 Renal Section Young Investigator awardee. Additionally, we will recognize several outstanding junior faculty and trainees.

The Posters and Professors session will be held on Sunday, 5:30-7:30 PM, in the Jackson Park BC room at the Hyatt McCormick Place and will feature 20 trainee posters plus free drinks and snacks. Daria Ilatovskaya (Chair) and the Trainee Advisory Committee members have made a tremendous effort to bring trainees to this session – please make every effort to interact with the trainees during this session as well as throughout the meeting.

Michelle Gumz, our erstwhile Treasurer, has arranged for a fantastic venue for the Renal Dinner - the Chicago Field Museum (Monday, 6:00-10:00 PM). We sell out the Renal Dinner every year, so be sure to purchase tickets ASAP; if you haven’t, there may be some available at the APS office at EB before the dinner or at the door of the venue.

I’d like to thank Pam Carmines, our Renal Section Steering Committee Sage, who is finishing her term at EB 2017. Katie Hering-Smith has graciously agreed to be our new Secretary – thanks to Mitsi Blount for her service as Secretary last year. Finally, please welcome Romer Gonzalez-Villalobos who is our new Physiologist in Industry rep.

We continue to very much need your support for Renal Section activities. Please go to 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 matched by APS) or the General Fund (money can be immediately used to support any Renal Section ventures, including the Renal Dinner).

Please join me in welcoming John Imig as the new Renal Section Chair – I am certain the Section will thrive under his leadership. It has been a privilege and an honor to serve as your Chair for the past 3 years and I look forward to finding new ways to help our Section. See you in Chicago!
2017 Robert Berliner Award for Excellence in Renal Physiology - Dr. Roland Blantz

It is with great pleasure that the Renal Section announces the 2017 Robert W. Berliner Awardee for Excellence in Renal Physiology: Roland Blantz, MD, University of California San Diego. Dr. Blantz is a visionary physician-scientist and true renal physiologist, whose studies have critically formed our understanding of how the kidney works. Using single nephron micropuncture, he pioneered studies on the basic determinants of glomerular ultrafiltration, peritubular capillary uptake of proximal reabsorbate, and glomerular-tubular balance. Seminal studies include the effect of angiotensin II and the adrenergic system on glomerular hemodynamics, including ultrafiltration coefficient and glomerular capillary pressure. Dr. Blantz also made pioneering contributions to the field of tubuloglomerular feedback and he delineated the glomerular hemodynamics by applying micropuncture methods in several animal models of human glomerulonephritis. As the head of the Division of Nephrology-Hypertension at the University of California San Diego and the VA San Diego Healthcare System, director of NIH training grants in Nephrology and Hypertension, and as chair of the Council of the American Kidney Societies, councilor of the International Society of Nephrology, president of the American Society of Nephrology, and Associate Editor of J Clin Invest and AJP Renal, Dr. Blantz has served as a dedicated teacher and advocate for the scientific discipline of renal physiology within the national and international nephrology community. In recognition of his outstanding accomplishments in nephrology research, Dr. Blantz has received multiple prestigious awards including the Middleton award from the Veterans Administration, the Josiah B. Macy Foundation award, the Seldin award from the National Kidney Foundation, and the John Peters award from the American Society of Nephrology. Professor Blantz will be honored at the Renal Dinner, and will participate in the Renal Section’s Posters and Professors Reception.

2017 Carl W. Gottschalk Lecturer - Dr. Paul Welling

Paul A. Welling, M.D. has been selected as the 2017 Carl Gottschalk Distinguished Lecturer. Dr. Welling is Professor of Physiology and the Director of the Maryland Kidney Discovery Center at the University of Maryland, School of Medicine and an authority on the molecular bases of potassium and sodium balance, electrolyte disorders and hypertension. Dr. Welling has achieved national and international reputation as one of the leading experts on the molecular mechanisms of renal potassium balance. His laboratory is recognized for elucidating how ion transport molecules, especially potassium channels, in the kidney control electrolyte balance and discovering how these molecules go awry in disorders of salt homeostasis and blood-pressure. Paul’s laboratory is recognized for elucidating how ion transport molecules, especially potassium channels, in the kidney control electrolyte balance, and discovering how these molecules go awry in disorders of salt homeostasis and blood-pressure. Paul’s early investigations revealed membrane trafficking processes play a central role in the physiologic regulation of ion transport proteins and are often disrupted in disease. His novel concepts and paradigms about fundamental aspects of membrane protein trafficking have had broad scientific impact. More recently, Dr. Welling expanded his multidisciplinary research program that includes mouse models, genomic approaches, and state-of-the-art physiology to understand the relationship between dietary sodium and potassium intake, high blood pressure and diuretic effectiveness. This integrative approach provides an outstanding example of the power of modern physiology to solve important clinical problems. The Renal Section is honored to have Dr. Welling present the 2017 Carl Gottschalk Distinguished Lecture.

2017 Renal Young Investigator Award - Dr. Oleh Pochynyuk

Oleh Pochynyuk, PhD, an Associate Professor at the University of Texas Health Science Center at Houston. In 2003, Dr. Pochynyuk earned a PhD in Physiology and Biophysics from the Bogomoletz Institute of Physiology, National Academy of Sciences, Kiev, Ukraine. Following completion of fellowship training in the laboratory of Dr. James Stockand, Department of Physiology, University of Texas Health Science Center at San Antonio, Dr. Pochynyuk, joined the faculty of the Department of Integrative Biology and Pharmacology at the University of Texas Health Science Center at Houston and began to successfully direct his independent research program.

Dr. Pochynyuk is recognized for his doggedness, creativity and collegiality. His research program is at the forefront of renal and cardiovascular research, and he is acknowledged as a pioneer who constantly tests experimental barriers. Dr. Pochynyuk's research focuses on renal ion channels and he has greatly advanced understanding of the channel proteins and cellular mechanisms involved in the renal control of blood pressure, transport, urinary concentrating ability, acid-base balance and the formation of cysts. Dr. Pochynyuk is an outstanding scientist who has a noted record of accomplishment as evidenced by him receiving numerous honors and awards from the APS, AHA and ASN; and who has an exemplary record of publication with over 60 original communications and book chapters. The Renal Section is honored to have Dr. Oleh Pochynyuk as the 2017 Young Investigator.
EB2017 is here! We are already busy planning for EB 2018, so we ask you to think, propose and generate new and exciting symposia to include in future EB meetings. We will work with you to try to get it programmed. If you have an idea for EB2018 please email me ASAP portiz1@hfhs.org or Ed Inscho einscho@uab.edu and we will send the simple forms required for submitting a session topic and to discuss potential topics with you. We have a very exciting program planned for this year which includes 3 symposia, 2 featured topics, and 2 award lectures. As you can see below, most of our section’s activities are in adjacent rooms, W194B & W192C. The 2 featured topics are composed of all the abstracts submitted to the Renal Section that were judged most meritorious after stringent review. Thus, they feature some of the most exciting science being done by Renal Section members. We are also honoring the 2017 Young Investigator awardee, Oleh Pochynyuk, and the Carl Gottschalk Lecturer for 2017 Paul Welling who will be presenting lectures on Sunday 8:00 am and Monday 3:15 pm, respectively.

See you soon in Chicago! Pablo Ortiz and Ed Inscho

Renal Section specific EB 2017 program

Sunday April 23, 2017

8:00 AM - 10:00 AM Room W194B
- Renal Section Young Investigator Award Featured Topic
  Chair: Oleh Pochynyuk

10:30 AM - 12:30 PM (Room W194B)
- Mining protein-protein interactions to study renal transporter regulation.
  Chair: Guangping Chen, Co-Chair: Dennis Brown
  Speakers:
  - Rab14 GTPase Down-Regulates UT-A1 Urea Transport Activity through Enhanced Clathrin-Dependent Endocytosis. Guangping Chen, Emory University
  - Regulation of ENaC Trafficking by COMMD Proteins. Fiona McDonald, University of Otago
  - Mining the NKCC2 Interactome to Study Thick Ascending Limb Function. Pablo Ortiz, Henry Ford Hospital
  - AQP2: A Model Protein for Understanding The Role of Protein: Protein Interactions in Protein Trafficking. Hanne Moeller, University of Aarhus,

Monday April 24, 2017

8:00 AM - 10:00 AM Room W192C
- Advances in Renal Physiology I
  Chair: Pablo Ortiz, Co-Chair: Ina Schiessel

3:15 PM - 4:15 PM Room W190A
- Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section
  Paul Welling (University of Maryland)

Tuesday April 25, 2017

8:00 AM - 10:00 AM Room W192C
- Advances in Renal Physiology II
  Chair: Edward Inscho, Co-Chair: Aaron Polichnowski

10:30 AM - 12:30 PM Room W192C
- Regulation of glomerular physiological function: podocytes and beyond.
  Chair: Daria Ilatovskaya, Co-Chair: Jochen Reiser
  Speakers:
  - Glomerular Endothelium and its Interactions with Podocytes. Susan Quaggin, Northwestern University
  - Using 2-Photon Microscopy to Understand Albuminuria. Bruce Molitoris, Indiana University
  - Role of TRPC Channels in the Pathobiology of Podocytes. Oleg Palygin, Medical College of Wisconsin
  - Proteostatic Mechanisms in Glomerular Pathophysiology. Markus Rinschen, University of Cologne
Wednesday April 26, 2017 Room W194B

**New insights into the regulation of renal blood flow in health and disease.**
Chair: Aaron Polichnowski, Co-Chair: Jan Williams

**Speakers:**
- The Physiological Significance of TGF Response in the Long-Term Control of Sodium Excretion and Blood Pressure. **Ruisheng Liu**, University of South Florida
- ROS Differentially Regulate Myogenic Tone. **Chris Wilcox**, Division of Nephrology Hypertension, Georgetown University Medical Center
- The Role of NADPH Oxidase Subunit p67phox in the Regulation of Renal Function in Dahl S Rats. **Louise Evans**, Medical College of Wisconsin
- Renal Autoregulation and Dynamics of Glomerular BP Transmission in Conscious Rats: Novel Analysis Methods and Insights. **Karen Griffin**, Loyola University

**Renal Section Poster Sessions**

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<th>Poster Session</th>
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<tr>
<td>16250</td>
<td>Renal Hemodynamics, Glomerular Filtration and Renal Vasculature</td>
<td>Sunday, April 23</td>
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<td>Renal Oxidative Stress and Hypoxia</td>
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<td>Renal Tubular Transport, Biology, and Regulation</td>
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<td>18290</td>
<td>Polycystic Kidney Disease and Cilia Function</td>
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**News from the Treasurer, Michelle Gumz**

The EB2017 Renal Banquet will take place Monday April 24 from 6-10 PM at the East Pavilion of The Field Museum. Access to the “Inside Ancient Egypt” exhibit is included with your dinner ticket! If you purchased a ticket, please be on the lookout for an email from your Treasurer with details about transportation and salad choices. If you haven’t yet purchased your ticket for the Renal Dinner, there will be a limited number of tickets available for purchase on site at the APS business office in Jackson A Room at the Hyatt McCormick Place Hotel. Please contact Michelle.Gumz@medicine.ufl.edu for additional information.

Fundraising for the Renal Section remains challenging and we are very grateful for the support of our membership! Please consider a tax deductible donation at: [http://tinyurl.com/APS Renal](http://tinyurl.com/APS Renal). We will announce the details of an exciting new fundraising initiative organized by our Chair, Dr. Donald Kohan, at the Renal Banquet in Chicago. Please join us at the Field Museum East Pavilion on April 24!

**NHLBI Liaison – Christine Maric-Bilkan**

Greetings from the Nation Heart, Lung and Blood Institute (NHLBI)! My name is Christine Maric-Bilkan and I am a Program Officer in the Vascular Biology and Hypertension branch in the Division of Cardiovascular sciences at NHLBI. Up until 3 years ago, I, like most of you, was actively seeking ways of funding my research. It seemed to me that there were numerous sources of potential funding, but it was often difficult to navigate and sift through the sea of potentially relevant information, not only related to funding, but other resources at the NIH.

As your NHLBI liaison, I am hoping to try and make this experience a little less painful by highlighting what I hope to be useful information to you. Please note that the liaison report is not meant to be an exhaustive list of all funding opportunities and resources, merely a starting point. Please do not hesitate to reach out to me should you have any specific questions regarding NHLBI at christine.maric-bilkan@nih.gov. Please check out the Renal Section Newsletters website for the NHLBI Liaison Report.
The APS Renal Section Awards Committee received high numbers of applications in every category. The abstracts and applications were of very high quality and competition was extremely strong. All awardees were carefully selected from a highly competitive pool of meritorious applicants, so if you were unsuccessful this year please consider an application for the APS Renal Section awards next year.

Finalists for the 2017 Renal Section Pre- and Postdoctoral Awards will present their work in a poster format and be judged at the Renal Section Posters and Professors Event on Sunday April 23, 2017 from 5:30 PM - 7:30 PM, Jackson Park room, Hyatt McCormick Place. Everyone is welcome to attend this session not only to assess the quality of selected posters, but also to interact with your peers, create new contacts, relax after the first day of the meeting etc. Thank you very much and to all participants in this year’s competition, keep up the excellent research and make sure to submit again next year.

Finalists for the 2017 Renal Section Predoctoral Excellence in Research Award (in alphabetical order) are: Eryn Dixon (University of Maryland), Alissa Frame (Boston University), Ankita Jaykumar (Wayne State University), Xiaotong Su (New York Medical College), and Dinguo Zhang (University of Alabama at Birmingham).

Finalists for the 2017 Renal Section Postdoctoral Excellence in Research Award are: Jeroen de Baaij (Radboud University Medical Center, Netherlands), Gregory Blass (Medical College of Wisconsin), Dorinne Desposito (University of Southern California), Premraj Rajkumar (Johns Hopkins University), and Ina Schießl (University of Regensburg, Germany). Winners in these categories will be announced at the Renal Section Banquet to be held on Monday, April 24th at the Field Museum.

Last year, in order to recognize the outstanding quality of the renal research ongoing from our junior scientists, we have introduced Trainee Recognition Presentations from the highest scored candidates whom the Committee did not select as finalists in the competition. This was received very well and we continue this tradition in 2017. This year we will have presentations (also at the Renal Section Posters and Professors Event) from Predoctoral: Aaron Brown (Georgetown University), Erika Guise (University of Mississippi), Gareth Purvis (Queen Mary University of London, UK), Michael Sun (Emory University), Xiwen Zhang (Virginia Commonwealth University); Postdoctoral: Di Feng (Beth Israel Deaconess), Mohammed Ferdaus (Oregon Health Sciences University), Kamal Kassem (Henry Ford Hospital), Peng Wu (New York Medical College) and Xiaoyi Zheng (Stanford University).

Also, at the Renal Section Banquet, awards will be presented to the 2017 Renal Section New Investigator Awardee Jorge Giani (Cedars-Sinai Medical Center) and to the 2017 Renal Section Research Recognition Awardees: Kelly Hyndman (University of Alabama at Birmingham), Mykola Mamenko (Augusta University), Shengyu Mu (University of Arkansas) and Aylin Rodan (University of Utah).

Special thanks to the 2017 Renal Section Awards Committee composed of Erika Boesen (UNMC), Krishna Boini (University of Houston), Henrik Dimke (USD, Denmark), Robert Hoover (Emory; Co-Chair), James McCormick (OHSU), Jennifer Pluznick (JHU), Timo Rieg (USF), Aylin Rodan (Univ. of Utah), Alexander Staruschenko (Chair; MCW), and Jennifer Sullivan (Augusta University). The committee for selecting the New Investigator Award consisted of Edward Inscho (UAB), Robert Hoover (Emory), Alexander Staruschenko (MCW, Chair), Paul Welling (University Maryland), and Pablo Ortiz (Henry Ford). We thank Ann Marie Bocus at APS for her administrative support!

Committee on Committees Report – Fred Palm

My three-year term as the Renal Section Committee of Committees rep is coming to an end this year. It has been a true privilege and a great experience to serve on CoC and interact with so many dedicated and highly motivated Renal Section members. It is my sincere advice to you is to continue to nominate yourself for service on any of the APS committees even though you might not get on the committee the first time. Remember that it is the joint effort of our membership that makes the APS such a successful and influential society!
knowledge exchange between our academia and industry colleagues. This will be chaired by Dr. John Mattson and Dr. Kavaljit Chhabra.

The PIC Novel Disease Model Awards a postdoctoral and also a doctoral student award. This award recognizes a trainee whose investigation in a novel disease model has been designated by the Physiologists in Industry Committee as an outstanding example of experimental research. The winner of the postdoctoral award is Dr. T. Dylan Olver, University of Missouri, Columbia, for the project entitled “Elucidating the Mechanisms of Pial and Parenchymal Cerebral Small Vessel Disease in a Novel Porcine Model of HFpEF”. The winner of the predoctoral award is Ms. Kasi McPherson, University of Mississippi Medical Center, for the project entitled “Treatment with Lisinopril Delays the Early Progression of Proteinuria in a Novel Model of Prepubertal Obesity”. Both awards will be presented at the APS Business Meeting on Tuesday April 25, 2017 from 5:45 - 7:30 PM.

You're invited! Come meet, eat, and socialize with your fellow physiologists who are working in the corporate, industrial, academic, or government sector. The 16th Annual Physiologists in Industry Committee Mixer will be held on Sunday April 23, 6:45 – 8:00 PM in room Grant Park A of the Hyatt Regency McCormick Place and will feature a cash bar and free hors d'oeuvres. This is a great opportunity to network with industry and academic APS members alike. We hope to see you there!

Finally, the annual APS PIC meeting is scheduled on Sunday April 23, 2:30 - 4:00 PM. This is the committee’s annual opportunity to have a face-to-face meeting to discuss committee business and new initiatives. Please feel free to contact your PIC section representative if there are issues to be brought to the attention of the PIC. I am looking forward to see you at the EB meeting!

News from the AJP Renal Journal Editor in Chief - Darwin Bell

Greetings! Earlier this year, the AJP Renal Editorial Team got together in Santa Fe, NM, to discuss future directions for the journal. We are excited about our increasing submission rate, shortened time to first decision (< 19 days), and rising impact factor (3.39). With your support, we hope to continue to shape the journal to ensure that it maintains its place as the leading publication addressing renal physiology. We have begun publishing a series of Mini-Review articles, written by outstanding trainees and their mentors. These Mini-Reviews cover a wide range of topics, including diabetes, acute kidney injury, renal transporter, etc.

Please keep an eye out for these articles.

We are also seeking traditional Review articles. If you would like to submit a Review or a Mini-Review, please contact us, or send us suggestions of potential authors or topics.
News from the AJP Renal Journal Editor in Chief - Darwin Bell (continued)

We continue to encourage the submission of manuscripts under one of our special Calls for Papers:
1) Renal hemodynamics,
2) Imaging techniques in renal (patho) physiology research,
3) Inflammation and inflammatory mediators in kidney disease,
4) Gender and hormones in lower urinary tract function,

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).

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. It is exciting to note that one of our articles, “A mild reduction of food intake slows disease progression in an orthologous mouse model of polycystic kidney disease” by Kipp et al, received more than 70 mentions on social media.

We look forward to seeing you at the 2017 FASEB Meeting in Chicago. Please be sure to stop by the APS booth in the exhibit hall. On Sunday night, APS will be hosting the annual Editorial Board Member dinner. As always, we appreciate the effort that goes into reviewing for our journal.

We thank you for our continued success!

Trainee Advisory Committee (TAC) - Daria Ilatovskaya

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

Please come to the Posters and Professors Session, this features friendly atmosphere allowing for networking with all the amazing scientists you were so scared to talk to. Free drinks and snacks!

Mark your calendars for Sunday, April 23 from 5:30 to 7:30 pm at the Jackson Park room BC (Hyatt McCormick Place). No need to bring a poster unless specially asked to 😊
The list of Trainee Sessions & Activities can be found on the APS EB2017 website: http://www.apsebmeeting.org/.

Just a few of them:

- Leadership and Management Skills: Choosing the Right Lab and Personnel for your Career. Sunday April 23, 10:30AM - 12:30PM, Room W192A.
- Career symposium: The Many Facets of a “Teaching Career”. Monday April 24, 10:30AM - 12:30PM, Room W192C.
- TAC symposium: Kick Start Your Funding: Looking Beyond NIH and NSF. Wednesday April 26, 10:30AM - 12:30PM, Room W192A.

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 get all the important updates. Awards and EB deadlines will be posted, along with other important info.

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. Email us at aps.renalsection@gmail.com.
News on Career Opportunities – Kelly Hyndman, APS Career Opportunities in Physiology Committee

EB Symposium: “The Many Facets of a "Teaching Career”"
Teaching has become a desired and required component of many academic careers. Join us for this year’s Career Opportunities in Physiology symposium at Experimental Biology to help you identify teaching expectations at different institutions and insight into strategies for successful teaching. Monday April 24, 10:30am -12:30pm in Room W192C.

Experimental Biology Undergraduate Orientation and Poster Sessions
Open to all undergraduate students attending EB, the Undergraduate Orientation session serves as a primer to help the students get the most out of their EB experience, and includes award presentations for various APS-sponsored undergraduate research programs. This will be held in the Regency Ballroom CDE at the Hyatt Regency McCormick Place from 3:30-5:30pm on Saturday, April 22. There is also a special poster session for undergraduate students at EB, held from 3:30-5:30pm on Sunday April 23 in McCormick Place (Convention Center) – please stop by and meet the next generation of physiologists!

APS Video Contest – VOTE NOW!!  Each year we encourage undergraduate and graduate students to creatively connect with physiology and bring it the broader public through a short video contest. In addition to a first place prize of $750 plus travel money to help the winners attend EB, there is a $250 viewer’s-choice award – YOU are the judge! The video with the most views before April 22 wins! To view this year’s entries, go to: http://bit.ly/1nmGEWf

Science Fair Prizes  Know of a science fair near you? The APS has FREE prizes to give away! Just fill out a simple online request form and APS members can present one award per science fair. Student winners receive an APS t-shirt and a certificate for the best physiology project. The teachers of the winning students will receive an APS teaching resource packet. Follow this link for further details: http://bit.ly/1BkhnLu

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