Dear Members of the Cardiovascular Section,

It is hard to believe, but my three-year term as CV Section chair will end after EB 2019 in Orlando. I want to thank the members of the CV Section for their support and I look forward to seeing everyone in Orlando, April 6-9, 2019. We have an excellent program of Award lectures, symposia, featured topics, and poster sessions. The CV Sponsored Symposia and Featured Topics sessions are listed later in this newsletter. In addition, the CV section will have its annual Trainee Reception and Mixer (6:00S 7:00 PM) on Monday evening, April 8, 2018 at the BBKing’s Blues Club. This will be followed by our annual Awards Banquet (7:00S 10:00PM). If you haven’t already purchased your tickets for this event, you can do so at the following link:

https://store.the-aps.org/?format=banquet

The CV Section has a series of awards that are presented at Experimental Biology and I encourage all section members to attend the sessions associated with these awards. We sponsor two major awards: the Berne Lecture and the Wiggers Award.

The Berne Lecturer for EB 2019 is Dr. Rong Tian, Anesthesiology and Pain Medicine, Mitochondria and Metabolism Center, University of Washington who will speak on “Cardiac metabolism: an odyssey of energy and beyond”. This presentation will be on Monday, April 8 at 8:30-9:30 AM in Room W308AB of the Orlando Convention Center.

The Wiggers Awardee for EB 2019 is Dr. Shu Chien, Professor of Medicine and Bioengineering and Director of the Institute of Engineering in Medicine, University of California, San Diego. His presentation, “Epigenetic Regulation of Mechanotransduction in the Cardiovascular System” and Featured Topic will be made on Monday, April 8 3:30-5:00 PM in Room W311AC of the Orlando Convention Center.
In addition to the Berne and Wiggers Awards, the CV Section also co-sponsors the Kaley Award along with the Microcirculatory Society, Inc. This year’s Kaley Awardee is Dr. Paul Kubes, Professor and Director, Snyder Institute for Chronic Diseases, University of Calgary, who will speak on "The microcirculation and its many cells that contribute to tissue repair". His presentation and Featured Topic will be Sunday, April 7, 2019, 8:30-10:00 AM, Room W308AB, Orlando Convention Center. Additional awards are listed below under the Awards Committee Report.

As noted above, we will have the CV Section Mixer/Banquet at BBKing’s Blues Club, 9101 International Dr. #2230, Orlando, FL 32819 on Monday, April 8. Limited tickets may be available on a first come basis at the APS office located in the Marriott Marquis Hotel. The trainee only reception will be from 6:00S 7:00 pm followed by a reception at 7:00 pm and food service at about 7:45 pm. Trainee awards will be made about 30 min after food service begins. I look forward to seeing everyone there!

I would like to encourage every member of the CV Section to donate to the CV Section’s Endowment fund. The APS matches every dollar donated up to $25,000, effectively doubling your contribution. The CV Section Endowment will be used to support Trainee Awards. We have raised $31,518 to date including the APS match. Every dollar counts, so even small donations are welcome. We greatly appreciate your generosity.

Here is a link where you can donate online (Click here http://ebus.thes-aps.org/PersonifyEbusiness/Default.aspx?TabID=1515&ProductId=2068065 and then select CV Section Endowment in drop-down in Areas with the most need box).

I look forward to seeing everyone in Orlando! Safe travels!

Sincerely,

William F. Jackson, Ph.D., FAHA, FCVS
Chair APS CV Section

Message from the Secretary-Treasurer
Luis A. Martinez-Lemus, DVM, PhD, FCVS
University of Missouri
martinezlemusl@missouri.edu

Hello Everyone! I hope you had a terrific summer and are anxious to see each other in Orlando next year. Please keep up your efforts on recruiting new members and get involved in any or all of our activities. Do not forget the following awards and programs from the Career Opportunities in Physiology Committee.

The APS Local Undergraduate Research Awards in Physiology (LURAP). LURAP allows APS Members to recognize excellence in undergraduate physiology research at their home institutions. The award fosters interest in physiological research for undergraduates, encourages them to continue with physiological studies, and provides networking with APS members at their home institutions. The award package includes a certificate, an APS t-shirt, and a free one-year undergraduate membership. Visit www.the-aps.org/lurap for more information.
Check out awards from the APS. There are a number of awards for various career stages from undergraduate to senior physiologists! Visit www.the-aps.org/mm/awards to see the list and the fall deadlines!

Undergraduate Summer Research Fellowships (UGSRF). The UGSRF program supports up to 12 full-time undergraduate students ($4,000 stipend, $1,300 EB travel support, $300 grant to research host) to work in the laboratory of an APS research host for 10 weeks during the summer of 2019. The intent of this program is to excite and encourage students with little or no research experience to pursue a career as a basic research scientist. Research hosts must be members of APS in good standing. The criteria for applications have been updated, so be sure to visit www.the-aps.org/ugsrf for application instructions. The deadline to apply is February 1st.

Professional Skills Training (PST). The APS PST Program promotes the development of key professional skills among graduate and postdoctoral students and new investigators by offering effective live and online interactive courses. Visit http://www.the-aps.org/pst for more information. The next live course offered is Writing and Reviewing for Scientific Journals, which takes place January 10-13, 2019 in Orlando.

Indeed, I am looking forward to having a great Experimental Biology meeting in Orlando. Part of that fabulous experience will be seeing you all at our CV Section Mixer/Dinner, which this year will be held at the amazing BBKing’s Blues Club https://www.bbkings.com/orlando. The Club is within walking distance from the Convention Center. We will start the banquet with a mixer for trainees at 6:00pm and will follow with reception and dinner starting at 7:00pm. Remember that attending the banquet is a great opportunity to establish collaborations and celebrate the scientific achievements of our fellow CV section members.

Thank you very much to all our sponsors including ADInstruments, FujiFilm, VisualSonics, DSI and the Department of Medical Pharmacology and Physiology at the University of Missouri.

Message from the Fellowship Committee Chair
Charles Thodeti, PhD, FAHA, FCVS
Northeast Ohio Medical University
ctohodeti@neomed.edu

Dear Colleagues,

Hope you had wonderful summer and now enjoying the colorful Fall. On behalf of the Fellowship Committee, I would like to invite you to nominate colleagues for the Fellow of the Cardiovascular Section (CV) of the American Physiological Society. Fellowship is an elected position open to members who have demonstrated continuous and meritorious research in CV physiology and outstanding service in the American Physiological Society.
A prospective Fellow shall

1) have been a regular member of the American Physiological Society for the past two years;
2) have their primary or secondary affiliation with the Cardiovascular Section;
3) have published meritorious physiological research in the cardiovascular field and
4) demonstrated a track record as an established investigator.

Additional requirements for the prospective Fellows are: He/She shall have held the rank of Assistant Professor or above, or equivalent investigative position, for a minimum of 5 years.

The application process and list of past awardees can be found online at http://www.the-aps.org/mm/hp/Audiences/Sections/Sample-Category-1/CVS-Fellows

Please look out for a mail requesting the nominations for fellow of CV section in January 2019. The elected fellows will be recognized at CV banquet during EB-2019 meeting to be held in Orlando. Please send me an email (cthodeti@neomed.edu) if you need any additional information regarding CV fellow. I look forward to seeing you at the CV Section banquet, EB-2019 in Orlando. There are a number of awards for various career stages from undergraduate to senior physiologists! Visit www.the-aps.org/mm/awards to see the list and the fall deadlines!

Message from the Awards Committee Chair
Farah Sheikh, Ph.D.
University of California at San Diego
fasheikh@ucsd.edu

Please remember that in addition to the junior investigator awards, CV Section also has the following:

- The Carl J. Wiggers Award is presented to a scientist who is a Fellow of the Cardiovascular Section of the APS, has made outstanding contributions to cardiovascular research throughout their career, has been an active and committed member of the section, and will attract outstanding new members to the Cardiovascular Section.
- The Robert M. Berne Distinguished Lectureship is presented to an emerging leader in cardiovascular research whose current research is particularly stimulating, such that the presentation of this work would contribute to interest in, and growth of, the Cardiovascular Section.
• The Gabor Kaley Lectureship/Symposium is a joint initiative of the American Physiological Society (APS) and the Microcirculatory Society (MCS). This symposium reflects Dr. Gabor Kaley’s contributions and interests in cardiovascular physiology that embodied a particular focus on the microcirculation. Awardees are selected by a joint committee comprised of APS and MCS members.

Message from the Communications Committee
Jerome Breslin, Ph.D.
University of South Florida
jbreslin@health.usf.edu

Connect with the APS CV Section on Social Media!
Our feeds provide daily updates about:
• Recent Publications
• CV Section Awards
• Trainee Initiatives
• Abstract Deadlines
• Getting Involved

New! The APS CV Section is now on Twitter:
https://twitter.com/APSCV
Section

Circulate Through the APS CV Section
Online Social Network
The CV section has lots of exciting sessions for EB2019 including 7 featured topic sessions. All featured topic abstracts are presented in a poster form, the chair of each featured topic will also select 4/6 trainees to give oral presentations in the featured topic session, this is an excellent opportunity for trainees to network and share their science with the leaders in their fields.

We are also happy to announce the return of the CV section Young Investigator Award. Three Graduate Students and three Post-doctoral Fellows will be invited to present their research in this session and a panel of judges will select the best presentation from each group for special recognition.

CV section Young Investigator Award
This session is open to all CV section trainees (students and post-docs)
Chair: Jessica L Faulkner, Augusta University, (JEFaulkner@augusta.edu), Anne Dorrance, Michigan State University, (Dorranc3@msu.edu).
Monday April 8th, 1:30-3pm, room W311G

Award Featured Topic Sessions
Kaley Award Featured Topic: The Microcirculation and Its Many Cells that Contribute to Tissue Repair
Keynote Speaker – Paul Kubes
Sunday April 7th, 8:30-10am, room W308AB

Wiggers Award Featured Topic
Keynote Speaker: Shu Chien, University of California San Diego
Title: Epigenetic Regulation of Mechanotransduction in the Cardiovascular System
Monday April 8th, 3:30-5pm, room W311C

Investigator Initiated Featured Topic Sessions
Cardiac ECM Niche in Health and Disease
Chair: Ian Dixon, Institute of Cardiovascular Research, St. Boniface Hospital (idixon@sbrc.ca)
Keynote Speaker: Dr. Leigh Griffiths, Mayo Clinic
Title: The cardiac extracellular matrix niche directs cell growth and behavior
Sunday April 7th, 8:30-10am, room W311G

Aging, Exercise and Heart Failure: Common Connections and New Targets
Co-chair: Christine Wrann, Massachusetts General Hospital (CWrann@msh.harvard.edu)
Craig Emter, University of Missouri (emterc@missouri.edu).
Keynote Speaker: Anthony Rosenzweig, Massachusetts General Hospital
Title: Can Exercise Teach Us How to Treat Heart Failure?
Sunday April 7th 1:30-3pm room W312A
Cardiac and Peripheral Vasculopathies: Emerging Biomarkers, Imaging & Treatments
Co-chairs: Amanda Jo LeBlanc, University of Louisville (amanda.leblanc@louisville.edu), Christina Kaufman, Christine M. Kleinert Institute, (ckaufman@kleinertkutz.com)
Keynote Speaker: Elena Aikawa, Harvard Medical School
Title: TBA
Monday April 8th, 3:30-5pm, room W312A

Cardiovascular Metabolism in Diabetes
Chair - Bradford G. Hill, University of Louisville (bradford.hill@louisville.edu)
Keynote Speaker - Romain Harmancey, University of Mississippi Medical Center
Molecular Basis of Postischemic Maladaptation in the Insulin Resistant Heart
Tuesday April 9th, 8:30-10am, room W311C

Message from AJP-Heart and Circulatory Physiology
physiology.org/journal/ajpheart
Irving Zucker, Ph.D., izucker@unmc.edu
Kara Hansell Keehan, khkeehan@verizon.net
Find out what’s happening at
AJP-Heart and Circulatory Physiology
physiology.org/journal/ajpheart

READ
Have read the latest issue of AJP-Heart and Circulatory Physiology? The November 2018 issue features research articles and reviews on cardiac regeneration, extracellular matrix, integrative cardiovascular physiology, vascular biology, ventricular function, myocardial ischemia, sex differences, translational physiology, and cancer therapy-induced cardiovascular toxicity.
https://www.physiology.org/toc/ajpheart/315/5

DOWNLOAD
New Guidelines in Cardiovascular Physiology published in 2018:
Statistical considerations in reporting cardiovascular research
https://doi.org/10.1152/ajpheart.00309.2018
Guidelines for Measuring Cardiac Physiology in Mice
http://www.physiology.org/doi/10.1152/ajpheart.00339.2017
Guidelines for Authors and Reviewers on Antibody Use in Physiology Studies
http://www.physiology.org/doi/10.1152/ajpheart.00512.2017

Guidelines for Experimental Models of Myocardial Ischemia and Infarction
http://www.physiology.org/doi/10.1152/ajpheart.00335.2017

WATCH
Take a guided tour of the Table of Contents of every issue with Editor in Chief Dr. Irv Zucker on the AJP-Heart and Circ YouTube channel. From the Editor's Desk November 2018 Table of Contents Highlights: https://youtu.be/v3eb-mJTbHA

SUBMIT
Easy online submission with NO submission fees! https://ajpheart.msubmit.net

Call for Papers on Adaptive Immunity in Cardiovascular Disease
Deadline January 31, 2019
https://www.physiology.org/ajpheart/Adaptive-Immunity-in-Cardiovascular-Disease

Call for Papers on Many Avenues to Cardiac Cell Death
Deadline January 31, 2019
https://www.physiology.org/ajpheart/Many-Avenues-to-Cardiac-Cell-Death

Call for Papers on Chromatin and Epigenetics in Cardiovascular Disease
Deadline February 15, 2019
https://www.physiology.org/ajpheart/Chromatin-and-Epigenetics-in-Cardiovascular-Disease

LISTEN
AJP-Heart and Circ has produced 219 author interview podcasts that have been downloaded over 66,000 times! Have you listened lately? http://ajpheart.podbean.com

REVIEW
CV Section Trainees: Are you interested in reviewing for AJP-Heart and Circ as an early career reviewer? Here’s how:
1. Create a profile @ https://ajpheart.msubmit.net with your current contact information and be sure to add 5 – 7 expertise terms to the user-defined search terms field.
2. Already have a profile? Login and update your profile with 5 – 7 current expertise terms.
3. Email our editorial team (ajphearteditor@gmail.com) and let us know you are interested in receiving newsletter updates from AJP-Heart and Circ

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