

Fall 2022

CV Section Chairs Message



**Farah Sheikh, Ph.D., FCVS,
FAHA**

Dear Cardiovascular Section Members,

I am thrilled to have been elected to serve you all as the Chair of the Cardiovascular (CV) Section for the next three years! My tenure comes at a time of significant change and the launch of American Physiology Summit 2023, a new re-imagined world-class meeting *designed by and for physiologists with speakers to spark inspiration, spaces to evoke collaboration, and a setting in sunny Long Beach, California!* I want to thank our past CV Section Chair, Michael Sturek from Indiana University, for passing the baton to me and laying down the foundation to spearhead this new meeting with the APS CV Section mission at the forefront.

American Physiology Summit promises not to disappoint our 1600+ CV section members, as we have ensured that this meeting will deliver innovative programming that vigorously supports and promotes outstanding research in the cardiovascular field. I thank all CV Section members who submitted featured topics and symposia ideas. The response was overwhelming, **with over 200+ submissions by our membership**, and I am happy to report that we have a strong session presence at this meeting!

Our CV Section Programming Committee, chaired by Drs. Brant Isakson and Craig Emter have emphasized CV Section trainees by dedicating a session at the meeting to our flagship Young Investigator Award (described below). The awards session for established scientists also highlights outstanding cardiovascular research (See sidebar).

Our **Hot Topic** session features groundbreaking research from the human organ transplantation field. The Xenotransplantation: Evolution and Updates session will feature exciting talks from pioneers in the area, Dr. Muhammed Mohuiddin (University of Maryland) and Dr. Paige Porrett (University of Alabama at Birmingham). **CV Section Trainees** submitting abstracts in this broad research space will have a **unique**

CV Section Awards

2023 Robert M. Berne Distinguished Lectureship Award - Dr. Jiang Chang from Texas A&M University

2023 Carl J. Wiggers Award - Dr. Rakesh Kukreja from Virginia Commonwealth University

2023 Gabor Kaley Lectureship - Dr. Patricia D'Amore from Harvard University

These awards will be presented on Friday April 21st.

CV Section Dinner

April 22, 2023

More information to follow



Website:
physiology.org



Email:
Dorranc3@msu.edu

opportunity to present a short talk in this session. So, please submit your abstracts!

Key dates for the American Physiology Summit 2023 meeting:

Abstract deadline: December 8, 2023 (please submit your abstracts!)

Meeting Date: April 20-23, 2023

CV Section Banquet Date: April 22, 2023 (Location TBD)

Meeting Location: Long Beach, California

The first committee I served on outside my university was an APS-CV Section committee! Thus, I recognize the continuing need for CV Section members to be active volunteers for committees and for the APS-CV Section to be a place where section members have opportunities to participate! **We have multiple opportunities for CV Section regular members and trainees to serve on Section and APS-wide committees! Please see below for details.**

This is also **voting season** for our APS Leadership. I thank those who submitted nominations for **APS President-Elect and Councilors**. The CV Section Steering Committee has narrowed the pool of our candidates, and those names will be forwarded to the APS Leadership. The nominating committee will meet in November 2023 to finalize the candidates. Look for news on voting in emails from APS. **Please vote! Every electronic vote counts! Let's have our best voting turnout!**

Donations: I encourage every member of the CV Section to donate to the Endowment fund. The APS matches every dollar donated up to \$25,000, effectively doubling your contribution. The CV Section Endowment supports trainee awards and other projects. Every dollar counts, so even small donations are welcome. We greatly appreciate your generosity. The APS is a non-profit organization, so **your donation is tax deductible on your US federal taxes**. The APS will acknowledge your donation and mail you a receipt. Click here <https://give.the-aps.org/give/234678/#!/donation/checkout>.

I look forward to seeing you at American Physiology Summit 2023 in Long Beach!

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Program Committee News

Craig Emter Ph.D. and Brant E. Isakson Ph.D.



We are looking forward to seeing everyone at the new APS Summit! The programming format is *very* different from the past; we no longer have Featured Topics or Symposia. Here's a look at the new format:

Three dedicated sessions will be chosen by the CV Section every year. For 2023, these include:

Awards Lecture for Kaley/Berne/Wiggers These are annual achievement awards given to outstanding CV Section Members. This year's winners are shown on page 1. This session will take place on Friday, April 21, 10:30am-12pm.

The Young Investigator Awards Session for Pre-doctoral and Post-doctoral Fellows will take place on Saturday, April 22, 3:30pm-5pm.

The application process will be different than in years past. Young Investigators (pre-doctoral and post-doctoral) who are interested in being considered for an oral presentation in our Cardiovascular Young Investigator Award Session will need to apply through the APS Awards Portal. Once the Awards Committee chooses the top 3 candidates in the pre-doctoral and post-doctoral categories, they will be slotted accordingly by the Programming Committee.

Hot Topics in CV Research -

Xenotransplantation: Heart and kidney transplants using organs from genetically modified pigs will be discussed by pioneers in the field as described above. We encourage abstract submission to this topic that can cover a broad range of related topics (e.g., inflammation in the heart/kidney). Two talks will be selected from abstract submissions. This session will take place on Friday, April 21, 3:30pm-5pm.

The CV Section is also co-sponsoring several sessions with other sections, including:

- Sex differences in the cardio-renal mechanism of salt-sensitive hypertension
- Single-cell analysis and multiple phenotypes—novel insights into cardiac structure and remodeling.

As a reminder, in addition to the three dedicated sessions allotted to the Cardiovascular Section, oral sessions are now rank-chosen by all the APS Sections, with higher priority given to the most cross-disciplinary. We strongly encourage you to submit your ideas for 2024!

New to this year's meeting will be the Physio-Hub! While details have yet to emerge fully, it will likely include short oral presentations from submitted abstracts set amongst posters or 1-2 small stages. We believe this will be a dynamic space open to new presentation concepts and ideas, and we welcome feedback on how to best utilize this new forum in the coming years.

We look forward to receiving your input after APS Summit—tell us what you loved and hated! A primary goal of the CV Section Steering Committee will be to communicate future priorities from our membership to APS leaders.

Contact information -

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Trainee Committee News



Benard Ogola, PhD

Greetings Trainees,

Thank you all for the opportunity to serve as your new chair of the CV Section Trainee Committee. Please welcome our committee members: Tyler Kambi, B.S., Evan Tracy, B.S., Chueh-Lung 'Laura' Hwang, Ph.D., Alan Mouton, Ph.D., Julie Pires Da Silva, Ph.D., Srinivas Sriramula, Ph.D., Alexa Corker, B.S., Gopika Senthil Kumar, B.S., Irena Levitan Ph.D., Suman Dalal, Ph.D., Venkata Sure, Ph.D., and William Hughes, Ph.D.

I am super excited about our inaugural [American Physiology Summit](#). Trainees should plan to arrive at the Summit by Thursday evening for the trainee reception.

Trainee programming will take place on Sunday afternoon, April 23, 2023, from 3–5:30 p.m. There is plenty to choose from, including:

- My health, my wealth: how to survive and manage challenges as an early-career scientist
- How to develop your research program and lead your lab team to success
- Negative data and wrong hypotheses: turning lemons into lemonade; and
- Harnessing science communication to improve your career.

We want to increase our presence on social media to keep our trainees updated about the Summit. I want to encourage all our trainees to follow the **CV Section on Twitter (@APSCVSection, AJP Heart and Circulatory Physiology, @APSPHysiology, and @APSPublication)**. While taking a break or performing routine experiments listen to the [APS Publications Podcasts](#). You can download and share the podcast episodes. If you have a recent publication, press release, or other trainee-specific content you would like to feature, contact me at bogola@augusta.edu.

I am pleased to introduce the 2022–2023 APS Porter Physiology Development Fellow - [Cristhian Gutierrez Huer ta](#). Let us all congratulate him and wish him future success!

Message from the Fellowship Committee Chair



Liya Yin, M.D.,
Ph.D., FAHA,
FCVS

Greetings, CV Section members!

Fellowship Committee would like to welcome our new fellows: Dr. Feng Dong from Northeast Ohio Medical University; Dr. Irena Levitan from the University of Illinois at Chicago; Dr. Julie Freed from Medical College of Wisconsin; Dr. Jaume Padilla from the University of Missouri, and Drs. Huabo Su, Masuko Ushio-Fukai, Tohru Fukai, and Zsolt Bagi from the Medical College of Georgia at Augusta University.

The committee would also like to solicit nominations for the Fellow of CV section. Fellowship is an elected position open to members who have demonstrated continuous and meritorious research in CV physiology and service in the APS. Nominations for fellowship should be made by two Cardiovascular Fellows submitting letters of nomination to lyin@neomed.edu. The deadline for the nominations for the CV fellow is **March 1, 2023**. The website link is (<https://www.physiology.org/community/aps-communities/sections/Cardiovascular/cv-fellows?SSO=Y>).

Contact Information - lyin@neomed.edu

Committee on Committees News



Sarah Lindsey, PhD

The APS provides **society-wide** opportunities for our members to get involved. These committees serve the society rather than a specific section and go through a selection process that is separate from our CV

Nominating Committee.

As your newly appointed CV section representative to the CoC, I want to ensure adequate representation of our section on these society-wide committees. Each committee can have a maximum of 3 members from any one section, and remember that CV is the largest section of the APS! Below, I have outlined in a table the committees with open spots that need more CV members.

Committee members are appointed to a three-year term which will begin and end at the annual meeting. The CoC encourages applications from underrepresented groups and emerging leaders in the governance of the Society to ensure diversity, equity, and inclusion. Any APS member in good standing who wishes to join a **society-wide** committee should apply via the online awards system.

Applications are due by **February 7, 20 22**. The application portal and more information, including descriptions of committee duties, are available here:

<https://www.physiology.org/community/aps-communities/committees>.

😊 Sarah

Contact Information - lindsey@tulane.edu

APS Society-wide Committee	Spots Available	Current CV members (3 max)
Animal Care & Experimentation Committee	3	1
Awards Committee	4	2
Career Opportunities in Physiology Committee	2	1
Conference Committee	5	1
Diversity, Equity & Inclusion Committee	4	1
Finance Committee	2	1
International Committee	4+1 trainee	0
Publications Committee	2	0
Science Policy Committee	3	1
Women in Physiology Committee	5	2

Awards Committee News

Huabo Su PhD

Dear section members,

The APS-CV section is currently accepting applications for 8 CV Section awards. The award winners will be honored at the American Physiology Summit. The application process for the Young Investigator award (pre-doctoral and post-doctoral) is detailed above.

The application deadlines for all the other awards are quickly approaching! We encourage every eligible member to apply for these awards. For more information on the eligibility and application instructions, please click the links below or contact the award chair Dr. Huabo Su (hsu@augusta.edu).

Researcher Awards

[Carl J. Wiggers](#) – February 8

[Robert M. Berne Distinguished Lectureship](#) – February 8

[New Investigator](#) – December 15

[Research Recognition](#) – December 15

[Clinical Science Young Investigator](#) - December 15

[Gabor Kaley Lectureship/Symposium](#) – February 8

Trainee Awards

[Outstanding Post-doctoral Trainee Award](#) – December 15

[Outstanding Graduate Student Trainee Award](#) – December 15

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Message from *AJP-Heart and Circulatory Physiology*

Merry L. Lindsey, PhD
Editor-in-Chief



AJP-Heart and Circ offers a competitive average time to first decision (19 days) and average time to Articles in Press publication (14 days). The 2021 Web of Science Impact Factor of 5.125 ranks AJP-Heart and Circ at #15 in Physiology, and Google Scholar h5-index of 54 ranks AJP-Heart and Circ at #7 in Physiology. With over 1.6 million article downloads, 49,000+ cumulative citations, and 5,000+ Twitter followers (@ajpheartcirc), AJP-Heart and Circ is a top cardiovascular research journal in the field.

Find out more about our open **Calls for Papers**

<https://journals.physiology.org/journal/ajpheart>

Cardiac Fibroblasts

Cardiovascular Consequences of COVID

Exercise, Physical Activity, and Cardiovascular Health

Sarcomere, Cytoskeleton, and Mechanobiology Research

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Behind the Bench Episode 13
<https://ajpheart.podbean.com/e/behind-the-bench-episode-13/>

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Save Hearts, Improve Efficiency

<https://ajpheart.podbean.com/e/save-hearts-improve-efficiency/>

Did you know?

By January 2023, @ajpheartcirc expects authors to use both sexes/genders in studies submitted to the journal unless there is strong scientific justification otherwise. Have questions? We're here to help.

Read the editorial: "Reinforcing rigor and reproducibility expectations for use of sex and gender in cardiovascular research"

<https://journals.physiology.org/doi/full/10.1152/ajpheart.00418.2021>

Listen to the podcast: Sex and Gender Use for AJP-Heart and Circ

<https://ajpheart.podbean.com/e/sex-and-gender-use-for-ajp-heart-and-circ/>

