Greetings from the Chair

I hope that you and your families are doing well in this challenging time of a global pandemic. The loss of life is tragic, and my heart goes out to the families and friends of folks who have lost their lives. I am also appreciative of healthcare workers and others who are performing essential jobs. As an educator, my dedication to science education and critical thinking has reached a new level. Citizens clearly need be able to make decisions that are informed by science in order to protect their health and the health of the greater community. The pandemic is just the latest in a series of global health issues that require actions that are supported by scientific evidence. Our work as scientists and educators is a critical counterpoint to the pervasive misinformation. We can make a difference!

In past newsletters I have described the changes that are taking place in APS. The work to redefine the annual meeting and to plan for the future of the society are ongoing, and the teaching section is well represented in these efforts. Overall, I am optimistic that teaching and education will emerge as critical priorities for the society.

I really missed having the opportunity to see you all at Experimental Biology. I want to congratulate Chaya Gopalan, the Guyton Educator of the Year Awardee; Erin Vasudevan, the recipient of the MacKnight Early Career Innovative Educator Award; Ann Crecelius and Chelsea Weaver the recipients of the Research Recognition Award and Lais Cardozo, the recipient of the William Galey Professional Skills Training Scholarship Award

My time as Chair of our section is drawing to a close. Thank you so much for the opportunity to help lead the section and to work with a wonderful team of folks on the Steering Committee. I am excited to hand the gavel to Patricia Halpin. She has been an outstanding contributor to APS and the teaching section, and she will be an excellent leader. I look forward to supporting her leadership and the section in my new role as past chair. Please stay safe, and I hope to see you all very soon!

Warmly,

Lynelle Golden
I am honored and thrilled to be the next Chair of the Teaching Section. I want to acknowledge our outgoing chair Lynelle Golden for her outstanding work for the section over the past three years. I am happy she will continue to be a mentor and resource for me over the next three years. I hope everyone is well and safe during this unprecedented time. I look forward to seeing more people join our section and all positions on committees filled with Teaching Section members.

Given we did not get to meet at EB this year, I am calling a virtual Teaching Section meeting to take the place of the business meeting and section dinner at EB. The date will be June 3 from 4-5pm EST.

Kind Regards,
Patricia A. Halpin

Join the Teaching Section Zoom Meeting

https://zoom.us/j/94083808285

Meeting ID: 940 8380 8285
One tap mobile
+13017158592,,94083808285# US (Germantown)
+16465588656,,94083808285# US (New York)

Dial by your location
+1 301 715 8592 US (Germantown)
+1 646 558 8656 US (New York)
+1 312 626 6799 US (Chicago)
+1 669 900 9128 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
888 788 0099 US Toll-free
877 853 5247 US Toll-free
Meeting ID: 940 8380 8285
Find your local number: https://zoom.us/u/aRz2djOIG
The Distinguished Lectureships from 2020 will carry over to 2021 and Dr. Shu Chien will be our Claude Bernard speaker.

Our Featured Topic will be on the theme of "Teaching in a post-COVID world." Start thinking about creating a poster that describes your challenges, successes, and failures in moving to online teaching with very little advanced planning, and especially how you handled assessments and laboratory courses.

Our symposium will be "Documenting Principle-based and Mechanistic Reasoning: Learning Progressions and Inventing with Contrasting Cases," chaired by Mary Pat Wenderoth and Jennifer Doherty.

Planning is underway for the new meeting format that will replace Experimental Biology in 2023. If you have thoughts about what you would and would not like to see included, or ideas about how to increase interactivity in future meetings, send those ideas to Dee U Silverthorn silverthorn@utexas.edu

Contribute to the Bill Galey Scholarship Fund

Please consider supporting the Teaching Section’s Scholarship Fund named after Dr. Bill Galey.

This award provides funds for a graduate student or postdoctoral fellow to attend and participate in the APS Institute on Teaching and Learning (ITL). The award is given in memory of William Galey in honor of his commitment to the teaching and professional development of trainees in physiology.

Did you know that contributions to this fund is matched by APS???
Imagine what we could accomplish if we all give!!!!!
Here is the link to the donation website.

https://give.the-aps.org/give/193705/#/donation/checkout

There is a drop-down box, scroll down and, please select the Teaching Section William Galey Endowment Fund
Updates from Advances in Physiology Education:  
From Editor-in-Chief Barb Goodman

The Editors met April 24 and reviewed some of the initiatives that we are working on to improve the journal and the review process. Three new Associate Editors will join the journal: Dr. Lisa Anderson from the University of Minnesota, Dr. Amie Dirks-Naylor from Wingate University, and Dr. Fabian Lim from Nanyang Technological University in Singapore.

There is a new template for Meeting Reports that will need to be followed when submitting these reports to the journal. Letters to reviewers and authors have been simplified and timing for revisions and reviews have been extended during COVID-19.

You will be receiving a survey to update our reviewer list for Advances to clarify your science areas, educational levels, pedagogy/teaching issues, research/evaluation methods, interaction with students and faculty, and other areas of expertise to assist the Associate Editors in finding appropriate and still available reviewers. We certainly are interested in any papers about how you transitioned your teaching and mentoring during the pandemic. If you have any questions, please contact Barb Goodman at barb.goodman@usd.edu.

Fellow of the American Physiological Society (FAPS)

Please check to see if you are eligible to apply for FAPS.

**WHAT IS FAPS?**

Elevation to the rank of Fellow of the APS (FAPS) is reserved to honor distinguished leaders who have demonstrated excellence in science, have made significant contributions to the physiological sciences, and have served the Society. The designation of Fellow is an honor and shall remain valid for the duration of APS membership. Candidates should consider the advancement to Fellow status to be an opportunity to become more active in the internal affairs of the Society, including serving in a leadership capacity.

**BENEFITS**

- Professional designation representing outstanding achievement
- Recognition by the Society in various public forums
- Framed certificate of recognition
- Fellow lapel pin
- Commemorative crescent award

Annual application deadline is February 3. Applications are reviewed by the APS Fellows and Membership Committee. See the APS website below for more information about nomination, requirements and the application process.

[Fellows application link](#)
Chaya Gopalan, Ph.D., FAPS
Associate Professor in the Departments of
Applied Health, Primary Care, and Health
Systems
Southern Illinois University Edwardsville

The 2020 Arthur C. Guyton Physiology Educator of the Year
award recipient is Professor Chaya Gopalan. Dr. Gopalan
was nominated by Dr. Patricia Halpin and was selected by
the APS Teaching Section Award subcommittee chaired by
Dr. Jennifer Stokes. Elsevier has generously sponsored this
award since 1993.

Dr. Chaya Gopalan earned her bachelor’s and master’s
degrees from Bangalore University, India
and received her Ph.D. from the University of Glasgow, Scotland for her research study on opioid
peptides in the regulation of the release of luteinizing hormone. After a brief tenure at Medical
Research Council in Edinburgh, Scotland, where she worked on the identification of gonadotropin
releasing hormone receptor, she conducted two years of postdoctoral research at Michigan State
University studying galanin and other neuropeptides in the regulation of prolactin.

Dr. Gopalan always wanted to explore a career in teaching. What started as an adjunct faculty
position at Maryville University in St. Louis led to a faculty position at St. Louis Community
College-Florissant Valley, St. Louis College of Pharmacy, and now at Southern Illinois University
Edwardsville (SIUE). She has been teaching in the areas of anatomy, physiology, and
pathophysiology at both undergraduate and graduate levels. Dr. Gopalan has been practicing
evidence-based teaching using team-based learning, case-based learning, and most recently, the
flipped classroom techniques. Besides her passion for teaching, Dr. Gopalan has kept up with
bench research in endocrine physiology. Currently, she is working on two research projects, one
on the role of gonadal steroid hormones in sexual dimorphism of the brain and the other on
obesity, intermittent fasting, and physical and mental exhaustion.
Teaching Section Award Winners

**Trainee Award**

*2020 William Galey Professional Skills Training Scholarship Award*

**Lais Cardozo**
PhD candidate
University of Campinas in Brazil

**Educator Awards**

*2020 Arthur Guyton Educator of the Year*

**Chaya Gopalan, PhD**
School of Education, Health and Human Behavior’s, Department of Applied Health
School of Nursing, Department of Primary Care and Health Systems
Southern Illinois University Edwardsville

*2020 MacKnight Early Career Innovative Educator Award*

**Erin Vasudevan, PhD**
Assistant Professor
Health and Rehabilitation Sciences
Neuroscience
Stony Brook School of Health Technology and Management

**Researcher Awards**

*2021 Claude Bernard Distinguished Lectureship*

**Dr. Shu Chien**
Institute of Engineering in Medicine
University of California San Diego

*2020 Research Recognition Awards*

**Anne R. Crecelius, PhD**
University of Dayton
Department of Health and Sports Science

**Chelsea Christina Weaver, PhD**
University of Kentucky
Department of Biology
The 2020 Institute on Teaching & Learning (ITL) is moving to an online format. The ITL conference organizers are working to create virtual content to be presented during the week of the scheduled ITL and throughout the upcoming year. We aim to provide relevant content to improve knowledge and skills in this evolving environment. Continue to check the website for registration details and content when they become available.

Planned topics for daily, two-hour interactive sessions during the week of June 22-26 include inclusive curricula, virtual classrooms, small group dynamics, and ineffable learning outcomes.

P-MIG 2020 Cancelled! SAVE THE DATE for 2021
4th ANNUAL MEETING, July, 2021
The University of Oregon

The purpose the Physiology Majors Interest Group (P-MIG) is to allow for regular communication among peer B.S. programs in "Physiology" and related degree programs around the globe. Previously, there was not a formalized mechanism for these programs to interact.

Our stand-alone P-MIG conferences allow dedicated time to interact to discuss best practices, programmatic learning outcomes, programmatic assessment, and common issues that we face in physiology undergraduate education.

Browse the website and join the listserv https://www.physiologymajors.org/
While we all missed getting together at EB this year, the good news is that the Committee on Committees met virtually in April and several new Teaching Section members will be joining those that represent our section on APS Committees. We know how important the voice of physiology educators is and the only way we can make sure we are heard is by having our members serve on many committees across the Society.

However, there were 9 APS committees for which no members of the Teaching Section applied this cycle. As educators, we can easily relate to the work done by the Physiology Educators Committee or the Women in Physiology Committee, but our educator voices are just as important on the many other committees.

This fall we’ll send out requests when it’s time to fill the upcoming committee vacancies as we look towards EB in Indianapolis. I’d ask that you think now about representing the Teaching Section by serving on one of the many other committees in the APS such as the Awards Committee, the Conference Committee, or the Science Policy Committee. Read more about these committees and all the others that perform critical duties across the APS here: [https://www.physiology.org/community/aps-communities/committees](https://www.physiology.org/community/aps-communities/committees).

As always, let me know if you have any questions Ryan Downey, PhD at ryan.downey@georgetown.edu.

**The Teaching Section Trainee Subcommittee** is currently seeking one PhD student to serve as our graduate student representative. Primary responsibilities include reviewing applications for the William Galey Professional Skills Travel Award and helping to plan trainee events for the Teaching Section at EB. If you are interested in becoming more involved with the APS and the Teaching Section, please email Victoria Wolf, PhD at wolfv@musc.edu if you have any questions or to apply by sending me a copy of your CV and a one-page letter that explains why you would be ideally suited for this role.

Victoria Wolf, Ph.D.
Teaching Section Trainee Representative
# Teaching of Physiology Section Steering Committee

## Elected Officers

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Patricia Halpin</td>
<td>University of New Hampshire, Manchester</td>
<td><a href="mailto:patricia.halpin@unh.edu">patricia.halpin@unh.edu</a></td>
</tr>
<tr>
<td>Past Chair</td>
<td>Lynelle Golden</td>
<td>Bastyr University</td>
<td><a href="mailto:lgolden@bastyr.edu">lgolden@bastyr.edu</a></td>
</tr>
<tr>
<td>Section Program Committee Chair</td>
<td>Dee Silverthorn</td>
<td>Univ. of Texas at Austin</td>
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</tr>
<tr>
<td>Secretary</td>
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</tr>
<tr>
<td>Treasurer/Events/Awards Coordinator</td>
<td>Jessica Ibarra</td>
<td>Univ. of Texas at Austin</td>
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</tr>
<tr>
<td>Liaison to Physiology Educators Committee</td>
<td>Erica Wehrwein</td>
<td>Michigan State Univ.</td>
<td><a href="mailto:Wehrwei7@msu.edu">Wehrwei7@msu.edu</a></td>
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## Appointed Officers

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Committee on Committees Representative</td>
<td>Ryan Downey</td>
<td>Georgetown University Medical Center</td>
<td><a href="mailto:ryan.downey@georgetown.edu">ryan.downey@georgetown.edu</a></td>
</tr>
<tr>
<td>Physiologists in Industry Committee</td>
<td>Mark Paterson</td>
<td>Concordia University - Wisconsin</td>
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</tr>
<tr>
<td>Trainee Representative</td>
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<tr>
<td>Fellows Committee</td>
<td>Doug Curran-Everett</td>
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</tr>
<tr>
<td>Institute of Teaching and Learning Representative</td>
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<td>Univ. of South Dakota Sanford School of Medicine</td>
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</tr>
<tr>
<td>Co-Chair: Institute of Teaching and Learning</td>
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<td>Rice University</td>
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</tr>
<tr>
<td>Co-Chair: Institute of Teaching and Learning</td>
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<td>Texas Tech University</td>
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<tr>
<td>International Member</td>
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<td>Universidad de los Andes</td>
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</table>
### APS Committee Members

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<thead>
<tr>
<th>Position</th>
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<tbody>
<tr>
<td>Association of Chairs of Departments of Physiology (Liaison) Book Committee Joint Program Committee</td>
<td>Dee Silverthorn</td>
<td>Univ. of Texas at Austin Dell Medical School</td>
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<tr>
<td>Book Committee</td>
<td>Michael Lee</td>
<td>Dell Medical School University of Texas</td>
<td><a href="mailto:leemichael@austin.utexas.edu">leemichael@austin.utexas.edu</a></td>
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<td>Career Opportunities in Physiology Committee</td>
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<td>Diversity and inclusion committee</td>
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</tr>
<tr>
<td>Diversity and inclusion committee</td>
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<td>University of the Incarnate Word</td>
<td><a href="mailto:fortepia@uiwtx.edu">fortepia@uiwtx.edu</a></td>
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<tr>
<td>Physiology Educators Committee</td>
<td>Claudia Stanescu</td>
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<td><a href="mailto:stanescu@email.arizona.edu">stanescu@email.arizona.edu</a></td>
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<tr>
<td>Physiology Educators Committee</td>
<td>Katheryn Mercedes Stettler</td>
<td>Trailbuilders LLC</td>
<td><a href="mailto:kathryn.katie.johnson@trailbuildllc.com">kathryn.katie.johnson@trailbuildllc.com</a></td>
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<tr>
<td>Publications Committee</td>
<td>Andrew Greene</td>
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<tr>
<td>Science Policy Committee</td>
<td>John Dobson</td>
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<td><a href="mailto:jdobson@georgiasouthern.edu">jdobson@georgiasouthern.edu</a></td>
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<tr>
<td>Women in Science Committee</td>
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</tr>
<tr>
<td>Women in Science Committee</td>
<td>Leslie Sprunger</td>
<td>Washington State Univ</td>
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</tr>
</tbody>
</table>

### Ex-Officio Members

<table>
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<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
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<tbody>
<tr>
<td>Senior Programs Manager</td>
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<td>University of Kentucky</td>
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<tr>
<td>Editor, Advances in Physiology Education</td>
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<td>Univ. of South Dakota Sanford School of Medicine</td>
<td><a href="mailto:barb.goodman@usd.edu">barb.goodman@usd.edu</a></td>
</tr>
<tr>
<td>Chair, Guyton Award Committee</td>
<td>Lourdes Alarcon Fortepiani</td>
<td>University of the Incarnate Word</td>
<td><a href="mailto:fortepia@uiwtx.edu">fortepia@uiwtx.edu</a></td>
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### Other appointments

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<th>Position</th>
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</thead>
<tbody>
<tr>
<td>Past Chair, Guyton Award Committee</td>
<td>Jennifer Stokes</td>
<td>Centenary College of Louisiana</td>
<td><a href="mailto:jstokes@centenary.edu">jstokes@centenary.edu</a></td>
</tr>
<tr>
<td>Chair-Elect, Guyton Award Committee</td>
<td>TBA</td>
<td>TBA</td>
<td>TBA</td>
</tr>
</tbody>
</table>
Interesting Links

- I Spy Physiology
- LifeSciTRC
- Physiology Education Community of Practice (PECOP) Blog
- Living History of Physiology Project
- Physiology.org
- Physiology Majors Interest Group (P-MIG)

Please note:
In an effort to save paper and resources, we will no longer be mailing hard copies of the Teaching Section Newsletter. To view last fall’s edition of the newsletter, please go to


For questions or comments regarding this newsletter, please contact Lisa Carney Anderson, Secretary of the APS Teaching Section at ander350@umn.edu

THE PHYSIOLOGICAL SOCIETY INVITES YOU TO

Future Physiology Virtual Conference –
July 6 through July 10

Check out the program

https://www.physoc.org/events/future-physiology-2020/#programme