I hope everyone is well and safe during this difficult time. Thank you to everyone who has attended the Teaching Section meetings over the past six months. Though we will not be gathering at EB21 in person, the upcoming virtual meeting does provide more people with the opportunity to present their work as time away from teaching is minimal and funding for travel is not needed. *Our section has the lowest number of abstracts of all the sections and I want to encourage everyone to submit theirs by Jan. 7.* Please consider applying for the Research Recognition Awards, the ADInstruments Macknight Innovative Educator Award and the Teaching Section New Investigator Award.

If you have not already done so, *please renew your APS membership.* One of my goals as chair is to grow the section. You can help by reaching out to graduate school friends and colleagues and ask them to select the Teaching Section as one of their affiliations.
There will be two important elections coming up and only members can participate. You should have received a ballot via email for our section election for the positions of Treasurer and Section Program Committee Chair. Also, the ballot for the APS wide election for President-elect and Councilors will be available in January. Please vote!

Teaching Section members can make significant contributions to APS and provide leadership in many ways by serving on APS wide committees so apply for a committee.

Please take some time to relax and recharge during the break between semesters/terms/academic years. Do not hesitate to reach out to me with ideas for future section meetings, PECOP webinar topics and if you want to get more involved in the section or APS.

Warm Regards,
Patricia A. Halpin
### Teaching Section at virtual EB 2021 April 27-April 30

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Channel</th>
<th>Date</th>
<th>Time</th>
<th>Title and organizers</th>
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<tbody>
<tr>
<td>Pre-Conference Refresher</td>
<td>TBD</td>
<td>Friday, 4/23/2021</td>
<td>11:00 am-3:00pm EDT</td>
<td>Education Committee Refresher Course: Sleep Physiology and Sleep Disorders (separate registration)</td>
</tr>
<tr>
<td>Flash talks</td>
<td>APS 10</td>
<td>Tuesday 4/27/21</td>
<td>2:00-3:00 pm EDT</td>
<td>Teaching of Physiology Flash talks 3 min each (Downey/Silverthorn)</td>
</tr>
<tr>
<td>Expert Panel discussion</td>
<td>APS 10</td>
<td>Wednesday 4/28/21</td>
<td>10:00-11:30 am EDT</td>
<td>Revision to the Step 1 Medical Board Exam (Carroll/Silverthorn)</td>
</tr>
<tr>
<td>Lecture/Award</td>
<td>APS 10</td>
<td>Wednesday 4/28/21</td>
<td>4:00-5:30 pm EDT</td>
<td>Claude Bernard Distinguished Lectureship of the APS Teaching of Physiology Section (Sponsored by ADInstruments) Shu Chien Followed by acknowledgement of APS Teaching section awards recipients</td>
</tr>
<tr>
<td>Featured Topic</td>
<td>APS 10</td>
<td>Thursday 4/29/21</td>
<td>10:00-11:30 am EDT</td>
<td>Teaching in a post-COVID world (Downey/Silverthorn)</td>
</tr>
<tr>
<td>AAA - APS Joint session</td>
<td>TBA</td>
<td>TBA</td>
<td>TBA</td>
<td>Retrieval, Reflection and Integration: Keys to Enhance Recall and Transfer of Knowledge in Physiology and the Anatomical Disciplines (Jurjus/Dobson)</td>
</tr>
</tbody>
</table>

Prepare to engage.

Abstract submission deadline: January 7

Submit your teaching abstract to EB... let’s make this a record-breaking year! Stay tuned for an upcoming webinar about how to make a good poster – stay tuned for details about daily live poster chats over lunch.
Updates About Communication

The APS is no longer using APS Connect for mass communication.

We are now using HUBS but you must opt in

Go to the following website to opt in. Click on

Go to the following LINK to learn more about how to use HUBS

Contribute to the Bill Galey Scholarship Fund

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

A fund established to honor Bill Galey and serve as testament to his commitment to APS and the teaching of physiology. Proceeds of the fund will be used to support a graduate student or a postdoctoral trainee to attend an APS Professional Skills Training Course. The APS has agreed to match up to $50,000 in contributions to this fund.

Donate via the following link.
Check your email inbox for your online ballot because it is time to vote for two officers to the Teaching Section Steering Committee:
1) Joint Program Committee (JPC) Chair and 2) Treasurer.

Please cast your vote by January 11, 2021 to make sure your voice is heard!

Updates from the Career Opportunities in Physiology Committee

**APS 2020 career symposium was recorded in April** and is available by logging into APS website, whereby information on job searches, offer letters, and negotiations were covered. [APS 2020 Career symposium recording](#)

**APS 2021 career symposium** will feature the theme “Staying Organized”, with speakers under this theme including Dr. Jeremy Boss (Laboratory Management), Dr. Susan Johnson (Personal Productivity), and Dr. Janie Recklehoff (Grant Management).

**APS 2021 mentoring symposium** will feature the theme “Giving and Receiving Critiques” that will cover teaching evaluations, grant critiques, and performance evaluations. Speakers are Kathryn Johnson, PhD (Trailbuild), Victoria Halperin Kuhns, PhD (Univ Maryland Sch of Med), Doug Seals, PhD (Univ of Colorado-Boulder), Flavia Souza-Smith, PhD (LSU Health Sciences Ctr), Chris Minson, PhD (Univ of Oregon), Audrey Stone, PhD (Univ of Texas-Austin).

**APS career webpage** has been updated and includes various information such as salary survey data, job boards, and career-based articles form “The Physiologist Magazine”. [APS Career Page website](#)
2021 Award Opportunities with Links and Deadlines

January deadlines

- **ADInstruments Macknight Innovative Educator Award** ($1,500, complimentary registration to EB, and institutional grant) – January 15
- **Dale J. Benos Early Career Professional Service Award** ($1,000 + advanced EB registration) – January 24
- **Dependent Support Travel Award** (up to $500) - January 29

February deadlines

- **Teaching Section New Investigator Award** ($1,000 and reimbursement of the advanced EB registration fee) - February 7

April deadlines

- **Dependent Support Travel Award** (up to $500) - April 10

May deadlines

- **Teaching Career Enhancement Awards** ($10,000) – May 31

July deadlines

- **Teaching Experiences for Bioscience Educators (TEBioED) Fellowship Program** ($750) - July 15

September deadlines

- **A. Clifford Barger Underrepresented Minority Mentorship Award** ($1,000) – September 15
- **Bodil M. Schmidt-Nielsen Distinguished Mentor and Scientist Award** ($1,000) – September 15

December deadline

- **Arthur C. Guyton Educator of the Year Award** ($2,000) — December 1
The Teaching Section needs YOU!

It’s time again to submit your applications to represent the Teaching Section on APS committees! One of the top priorities for the Society in the next strategic plan is to build and promote our community of physiology educators. To do that effectively, we need section members to volunteer to serve as section representatives on a wide range of committees.

Below is the list of committees that do not have section representation or have members rotating off:

- Animal Care & Experimentation
- Awards
- Career Opportunities in Physiology
- Conference
- Science Policy

These committees currently have representation from Teaching Section members and are also popular with educators:

- Diversity and Inclusion
- Physiology Educators
- Science Policy

Each APS member may submit their application for a maximum of two (2) committees. Please consider submitting your application for those committees that do not have representation or have members rotating off that would leave a committee without any Teaching Section members.

Visit the following website to submit your application:
https://www.physiology.org/community/aps-communities/committees

Applications are due by February 5, 2021.

If you have any questions, please let me know by send them to Ryan Downey ryan.downey@georgetown.edu.

Thanks in advance for your service to the Section and the Society!
Teaching Section Members - Submit your application to FAPS

Annual application deadline is February 1. Applications are reviewed by the APS Fellows and Membership Committee.

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

To earn FAPS status, candidates must:

- Possess regular and/or emeritus member status for at least fifteen (15) continuous years post-doctoral prior to the year of nomination
- Include two (2) written recommendations from current APS regular or emeritus members

Plus meet four of the six prerequisites below:

- **Demonstrated Society Service:** APS Council or APS Committee, Advisory Group, or other Panel or Editor-in-Chief, Deputy Editor or Associate Editor in any APS-affiliated publication
- **Independent Grant Support/Funding:** Serve as Principal Investigator of peer-reviewed extramural research support from a nationally-recognized agency (i.e. NIH, NSF)
- **Publications:** Demonstration of consistent scholarly production in the form of journal articles and book chapters with at least three articles in APS publications
- **Administration:** Serve in a leadership position in academia, industry, or government
- **Public Service:** Provide unpaid service in physiology and/or medicine to the community (i.e. scientific study section, PhUn Week service, etc.)
- **Teaching:** Demonstration of leadership in local, state, or national instruction in physiology or medicine (i.e. scholarly activity in education, recipient of a teaching award, developed new courses, authored/edited a textbook used at multiple institutions, etc.)
Building off the success of the virtual ITL, a new webinar series focused on our educator community was created: Physiology Educators Community of Practice (PECOP) Webinar Series ([https://www.physiology.org/detail/event/2020/07/23/default-calendar/physiology-educators-community-of-practice-webinar-series?SSO=Y](https://www.physiology.org/detail/event/2020/07/23/default-calendar/physiology-educators-community-of-practice-webinar-series?SSO=Y)). This is a monthly series that “includes live webinars focused on education best practices, synchronous and/or asynchronous teaching, establishing inclusive classrooms and publishing.” Please check the link to be ready for the webinars in 2021!

Look for Barb Goodman and Beth Beason Abmayr’s editorial about PECOP in an upcoming issue of *Advances in Physiology Education*.

Please note that bloggers are needed for the PECOP blog ([https://blog.lifescitrc.org/pecop/](https://blog.lifescitrc.org/pecop/)). Please contact barb.goodman@usd.edu to sign up for 2021 and you will receive reminders closer to the dates. If you have a doctoral student or post-doctoral fellow who has teaching experiences to share, encourage them to submit a blog posting. We all want to read about your teaching experiences!

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**Changes in the Peer Review Staff Working with Advances**

Beginning December 14, 2020

Jami Jones is now the Assistant Managing Editor for several journals including *Advances in Physiology Education*. She will no longer be working on day-to-day peer review duties. Jami will continue to work with us on higher-level issues (special projects, setting up meetings, changes to the system, etc.). Jami has been a wonderful partner for editors, reviewers and submitters alike. THANK YOU, JAMI!

Please welcome Ed Dwyer who will be the main day-to-day staff for *Advances*. Ed has been working for APS for 15 years. He also works for *AJP-Cell* and *AJP-Regulatory, Integrative, and Comparative*. He lives in Charlotte, NC and is married to Tara and they have 2 sons Jack and Dillon. He can be reached at [EDwyer@physiology.org](mailto:EDwyer@physiology.org). WELCOME ED!
Due to the COVID-19 pandemic, the APS had to cancel the face-to-face ITL that was scheduled during the week of June 22 at the McNamara Center at the University of Minnesota. The original conference was scheduled to begin with a keynote address on the opening night; the next three days had morning and afternoon plenary talks, two concurrent sessions with three unique workshops in each session, and evening poster and group discussions; and a large group discussion was planned after the closing plenary on the fifth day. Conference organizers created a webinar series to capture some of the content that was scheduled for the face-to-face ITL. Virtual ITL week offered daily, two-hour sessions in Zoom that were free to educators at all types of institutions around the world.

Topics for the interactive sessions were selected from the original ITL conference schedule; plenary speakers were contacted about interest in leading a session. The program for the 2020 Virtual ITL follows:

- **Monday, 22-June-2020:** The Future of Learning in Physiology, Mary Pat Wenderoth, PhD, University of Washington, Seattle, WA
- **Tuesday, 23-June-2020:** The Flexibility of Using the Flipped Classroom as a Virtual Classroom During the COVID-19 Pandemic, Chaya Gopalan, PhD, Southern Illinois University Edwardsville, IL
- **Wednesday, 24-June-2020:** Investigating Inclusive Curricula in the Physiology Classroom: Scientist Spotlight Homework Assignments, Jeff Schinske, MS, Foothill College, Los Altos Hills, CA, and Monica Cardenas Guzman, De Anza College, Cupertino, CA
- **Thursday, 25-June-2020:** Teaching Small Group Dynamics to Ensure Small Groups are Dynamic, Mari Hopper, PhD, Sam Houston State University, Huntsville, TX
- **Friday, 26-June-2020:** Identifying and Assessing Learning Outcomes That Matter, Raymond Shaw, PhD, Merrimack College, North Andover, MA

Key data from the registration records and the feedback about what aspects of the virtual ITL worked well and what aspects could be improved are extensive; the conference organizers will review this information as we plan the preliminary schedule for the 2022 ITL. **Overall, the 2020 Virtual ITL was a success.**
The inaugural cohort of Teaching Experiences in Biology Education (TEBioED) Fellows program is wrapping up their monthly meetings as 2020 draws to a close. The program was originally designed as an separate in-person workshop for trainees to kick-off the 2020 APS Institute on Teaching & Learning, before shifting into a new online format. Since July, Fellows and their mentors have met in monthly large-group discussions, asynchronous discussion boards, and regular individual mentor-mentee pair meetings. Each month the Fellows and their mentors consider a different topic area following a progression that mirrors the principles of backwards design and scientific teaching. The monthly topics started with attempting to understand the diverse backgrounds and circumstances of our students and have built towards a discussion of in class activities in the December meeting. A January meeting will talk about how to translate what they have learned into a teaching statement, and more broadly about documenting their teaching.

Last spring twenty-one graduate students and post-docs applied to be TEBioED Fellows, and well over 40 educators from around the world volunteered to mentor them throughout the program. Applicants ranged in interests and experience with teaching, but ultimately the first cohort of ten Fellows were accepted based on their perspectives on teaching and an expressed commitment to a career with teaching at its heart. Based on their career goals, the Fellows were then matched with mentors who had experience teaching at similar institutions.

The TEBioED Fellows program is an excellent way for trainees to further their understanding of pedagogy, while also allowing them to network with their peers and established APS educators. The program also provides more experienced educators the same networking opportunity, and a chance to reinvigorate their own teaching, through acting as mentors. Stay tuned for updates on the program and more information about applying to be a TEBioED Fellow or mentor in a future cohort!
# 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>UNH 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>
<td><a href="mailto:silverthorn@utexas.edu">silverthorn@utexas.edu</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Lisa Carney Anderson</td>
<td>University of Minnesota</td>
<td><a href="mailto:ander350@umn.edu">ander350@umn.edu</a></td>
</tr>
<tr>
<td>Treasurer/Events/Awards</td>
<td>Jessica Ibarra</td>
<td>Univ. of Texas at Austin</td>
<td><a href="mailto:jessica.ibarra@austin.utexas.edu">jessica.ibarra@austin.utexas.edu</a></td>
</tr>
<tr>
<td>Liaison to Education Committee</td>
<td>Erica Wehrwein</td>
<td>Michigan State University</td>
<td><a href="mailto:wehrweig7@msu.edu">wehrweig7@msu.edu</a></td>
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## Appointed Officers

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<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>Trainee Representative</td>
<td>Victoria Wolf</td>
<td>University of Miss. Medical Center</td>
<td><a href="mailto:vwolf@umc.umd">vwolf@umc.umd</a></td>
</tr>
<tr>
<td>Fellows Committee</td>
<td>Doug Curran-Everett</td>
<td>National Jewish Health</td>
<td><a href="mailto:EverettD@NJHealth.org">EverettD@NJHealth.org</a></td>
</tr>
<tr>
<td>International Member</td>
<td>Ricardo A. Peña Silva</td>
<td>Universidad de los Andes</td>
<td><a href="mailto:rpena@uniandes.edu.co">rpena@uniandes.edu.co</a></td>
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## Ex-Officio Members

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<tbody>
<tr>
<td>Senior Programs Manager</td>
<td>Brooke Bruthers</td>
<td>APS, Diversity Programs</td>
<td><a href="mailto:bbruthers@the-aps.org">bbruthers@the-aps.org</a></td>
</tr>
<tr>
<td>Education Committee Chair</td>
<td>Jeffrey Osborn</td>
<td>University of Kentucky</td>
<td><a href="mailto:jeffrey.osborn@uky.edu">jeffrey.osborn@uky.edu</a></td>
</tr>
<tr>
<td>Editor, Advances in Physiology Education</td>
<td>Barb Goodman</td>
<td>University of South Dakota</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 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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<tbody>
<tr>
<td>Past Chair, Guyton Award Committee</td>
<td>Jennifer Stokes</td>
<td>Southwestern University</td>
<td>Stokesjasouthwestern.edu</td>
</tr>
<tr>
<td>Chair-Elect, Guyton Award Committee</td>
<td>Kathleen Seiler</td>
<td>Champlain College</td>
<td><a href="mailto:seiler@champlain.edu">seiler@champlain.edu</a></td>
</tr>
</tbody>
</table>

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