I hope that you are all are having a good fall. Despite the shortening days, falling leaves, and for some, the first snow, fall term is the beginning of a new academic year and a time for renewal. For those of us who live in the U.S., it is time to participate in local, state and, national elections. As APS members we have an opportunity to find new ways to participate in the Society. Please consider applying to serve on an APS committee. Information about committees is found at http://www.the-aps.org/mm/hp/Audiences/APS-Committees. Please also consider applying for either the New Investigator Award or one of the Research Recognition Awards. You may also nominate one of your colleagues for either the Claude Bernard Distinguished Lectureship or the Arthur C. Guyton Educator of the Year Award. Descriptions of these awards are included in the newsletter, and they can be also found on the APS website: http://www.the-aps.org/mm/awards/sections/teach. The deadline for applications is on November 14th.

Experimental Biology is in Orlando in April, and you still have time to submit an abstract to the Teaching Section featured topic before the deadline on November 14th. I attended the Section Advisory committee recently, and there are still many changes taking place in APS with implementation of the new strategic plan and the input of the new executive director. I did leave the meeting with a sense of optimism about the future of the Society and the potential for APS to continue to be supportive of teaching and education. To ensure that this is a reality, members of the Teaching Section will need to continue to step up and participate at all levels. Please let me know you have ideas on how we might improve the contributions that the Teaching Section makes to you and/or to the work of APS.

Kind Regards,

Lynelle Golden
Submit your Abstract to Experimental Biology 2019

The EB 2019 abstract deadline is Wednesday, Nov. 14, 2018, at 11:59 PM PST. Abstracts not received by this date are considered late breaking. There will be a $75 abstract processing fee for each abstract. Late breaking abstract fee is $100. The abstract submission fee is NOT the registration fee or membership fee.

Updates 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, FL.
Updates from Advances in Physiology Education: From Editor-In-Chief Douglas Everett

1. Best Practices Series

*Advances in Physiology Education* has six (6) papers in its *Best Practices* series:

- Marsha Matyas and Dee Silverthorn summarize the history and evolution of the community of practice that is passionate about education in science and physiology.
- Denise Kay and Jon Kibble review theories about learning and their application to teaching.
- Mo Khalil and Ihsan Elkhider discuss instructional design.
- Jon Kibble discusses summative assessment.
- Kulamakan Kulasegaram and Chari Rangachari review assessments to enrich student learning.
- Barb Goodman, Megan Barker, and James Cooke discuss active and student-centered learning in physiology.

The published papers are posted in a Collection:

2. Guidelines for Reporting Statistics

In March 2017 the Publications Committee approved the publication of my Editorial, *Small steps to help improve the caliber of the reporting of statistics*, and—as a pilot—the promotion of SD and precise *P* values in *Advances* alone.

*Interim assessment (July 2017 through early October 2018)*: Of 236 papers submitted during this period, 107 (45%) reported statistics. Of those 107 papers:

- 57% reported SD (rather than SE) in the original submission;
- 27% reported SD in the preferred format [mean (SD #)];
- 52% reported a precise *P* value (rather than simply *P*<0.05 or *P>*0.05);
- I have heard no comments from authors or relayed by Associate Editors.

3. New Associate Editor

Beth Beason-Abmayr is a new Associate Editor. Beth’s primary role will be to field *Illuminations* papers in concert with Jodie Krontiris-Litowitz.

4. Calls for Papers

We have two new Calls: K-12 outreach and the integration of physiology across the curriculum.

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1 The other 129 papers did not report statistics (for example, Illuminations or Historical Perspectives).
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 1. Applications are reviewed by the APS Fellows and Membership Committee.*

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.)
WRITING FOR SCIENTIFIC JOURNALS

the-aps.org/pst/writingworkshop

January 10–13, 2019 in Orlando, FL

Work with journal editors and highly-published authors in person to improve your first-author draft manuscript. Learn about the submission process and receive feedback on your draft manuscript.

Requirements:
Must be a graduate student, postdoctoral fellow, or early career investigator who is open to critiques, wants to expand their professional network, and will have a first-author draft manuscript prepared by December 2018.

Location
Disney's Yacht and Beach Club Resort, Lake Buena Vista, FL

Registration Fee
$800 Includes course materials, double-occupancy hotel room, meals, and ground transportation. Early Bird Registration Rate: $750 by December 1

Registration Policy
Attendees are responsible for reviewing the course materials and requirements ahead of time to assure ability to complete the course work described in the syllabus. For special needs or requests please notify education@the-aps.org prior to the course registration deadline. APS will attempt to honor requests on a case-by-case basis.

Apply online by December 17, 2018 at
the-aps.org/pst/writingworkshop

Questions?
Email education@the-aps.org

—Attendee

“I enjoyed every lecture and discussion session. While I received good training from my lab mentor, this course was more useful and practical for me. I learned a lot about the reviewers point of view from an experienced editor, which is so important. Now I can write in a way that reviewers and editors really like to see.”

Minority Travel Fellowships available

For information contact
education@the-aps.org
The 2019 Arthur C. Guyton Educator of the Year Award supported by Elsevier ($1,000 cash prize plus reimbursement of the advanced registration fee, a framed, inscribed certificate, up to $750 in travel reimbursement to the Experimental Biology meeting and a complimentary ticket to the Section Dinner) recognizes a full-time faculty member of an accredited college or university and member of the APS who has independent evidence of: (1) excellence in classroom teaching over a number of years at the undergraduate, graduate, or professional levels; (2) commitment to the improvement of physiology teaching within the candidate's own institution; and (3) contributions to physiology education at the local community, national or international levels. The awardee is requested to write an essay on his/her philosophy of education for publication in The Physiologist.

The typical nominee will have shown excellence in teaching and have made significant contributions in student advisement, graduate education, and/or curriculum design and reform at their institution. The activities that distinguish a candidate in the rankings include outreach activities at the state, national, or international level; contributions to education through APS activities; peer-reviewed educational journal articles; and widely disseminated publications such as commercially produced textbooks, lab manuals, or software. Unsuccessful nominees may be reconsidered for the award during the subsequent year with notification to the nominee and the nominator and receipt of updated information. The award winner is announced at the APS Business Meeting during Experimental Biology.

Nominations Process: Each nominee must be nominated by a member of APS. All candidate materials must be uploaded by December 15, 2018.

Gregory L. Brower, D.V.M., Ph.D., Chair, Guyton Awards Selection Committee:
Greg.Brower@ttuhsc.edu

Required Materials:
Curriculum Vitae
Statement of teaching philosophy and achievements
Summary of student evaluations
Education related activities outside of classroom
Up to 5 letters of support from colleagues (1 is required)
Up to 5 letters of support from students.
Nominator 1 APS membership ID#
Apply for the Claude Bernard Distinguished Lectureship Award

The 2019 Claude Bernard Distinguished Lectureship Award is presented to an established investigator with a history of excellence in education who is making outstanding contributions to teaching and learning. This award is made possible by APS Strategic Partner, ADInstruments. Educators from all fields are eligible but must be nominated by an APS member other than the nominee. The awardee’s talk is expected to further interest in and enhancement of educational practices that are relevant to teachers of physiology. The award consists of a $1,000 honorarium, up to $2,000 travel reimbursement to Experimental Biology, complimentary registration to the meeting, and two complimentary tickets to the Section dinner.

Nominators must upload a nomination letter and nominee's curriculum vitae by May 15, 2019. The selection for this 2020 award will be made at the EB 2019 meeting.

Apply for Teaching Section Awards

New Investigator Award ($1,000 plus reimbursement of the advanced registration fee and a complimentary ticket to the Section banquet) recognizes an outstanding investigator in the early stages of his/her career. Each candidate should be an investigator who has made meritorious contributions to the area represented by the Teaching of Physiology Section. At the time of the application, he or she should not be above the rank of Assistant Professor or a comparable position in a research track at an academic institution or in industry (e.g. Scientist, Sr. Scientist, Research Investigator, etc.).

Although this is not an abstract-based award, the awardee is required to attend EB and make an oral or poster presentation there in order to collect the cash prize. The recipient is also recognized at the Teaching of Physiology Section Business Meeting. To qualify for this award, a candidate must be an APS member in good standing with a primary affiliation in the Teaching of Physiology Section and hold an early-career appointment as described above. Each candidate is required to upload a curriculum vitae, 2 letters of support from other APS members, and 3 reprints of relevant publications. If he or she has one or more abstracts submitted to EB, the candidate is also requested to upload his or her abstract numbers, the full name of each first author, and PDFs of the abstracts to be presented at EB.

All application materials must be completed online by November 14, 2018.

Required Materials:
Curriculum Vitae
Nomination Letter 1
**Requested (not required) Materials:**
Abstract Numbers
Abstract First Author’s Full Names
pdf of Abstract Submissions

**Research Recognition Awards** (2) provides two awards for outstanding posters presented in the Teaching Poster Sessions at Experimental Biology ($500 plus reimbursement of the advanced registration fee, and a complimentary ticket to the Section banquet). Awardees must attend the Experimental Biology meeting in order to collect their cash prizes. The recipients are also recognized at the Teaching of Physiology Section Business Meeting. To qualify for this award, a candidate must be first author on the poster, and either age 40 or younger OR be within 10 years of receiving his or her Ph.D., M.D., or D.O. All poster abstracts must be formally submitted to EB by the November abstract deadline. Each candidate is required to upload a copy of his or her first-authored abstract for EB with the Research Recognition Award application. If the candidate is a past winner, the candidate is also required to upload a copy of the abstract from that year.

Abstracts will be reviewed and rated by the Teaching Section Steering Committee.

The committee values research work that has not been previously recognized by this award but prior winners are not automatically disqualified. Thus, a previous research recognition award recipient may apply for the current award if his or her research work is not substantially related to the research associated with a past award. To ensure this, before the current work can be considered for an award, this candidate must upload pdfs of both the new and old abstracts.

**Note:** Primary affiliation with the Teaching Section is **not required** for this award.

**Required Materials:**
pdf of Abstract Submission

(Past awardees only)
pdf of prior year’s winning Abstract

All application materials must be completed online by **November 14, 2018**.

Further information and application instructions can be found at: [http://www.the-aps.org/mm/awards/sections/teach](http://www.the-aps.org/mm/awards/sections/teach)
Apply for the William Galey Professional Skills Training Scholarship Award

Award: $800 (1 award)
Contact: Teaching Section Trainee Representative
Deadline: November 16, 2018

This award provides funds for graduate students or postdoctoral fellows to attend and participate in the 2019 APS Professional Skills Training (PST) Live Course in Orlando, Florida. This meeting will take place 10-13 January 2019. Additional information on the meeting is available at the APS website: http://www.the-aps.org/pst.

This award is given in memory of William Galey in honor of his commitment to the teaching and professional development of trainees in physiology.

Applicant eligibility:
• Be members in good standing of the American Physiological Society (either student or regular)
• Be graduate students enrolled full-time or a postdoctoral fellow having received their doctoral degree within the previous five years
• Each applicant MUST have an unpublished draft manuscript on which they are first author. The manuscript should include a full draft of methods and results. The manuscript should also have an outline or draft of the discussion, introduction, and abstract sections. The applicant does not have to have a fully completed draft done at the time of the PST Live Course in January 2019.

Application packet should include:
• One-page letter of intent including:
  • Your career goals
  • How this award will benefit your training
• Curriculum Vitae
• One letter of support from your mentor or PI. The letter writer should be familiar with your career goals and include a statement on how attending a PST will benefit your training plan. The letter should also include a statement confirming support for meeting costs beyond those covered by the scholarship.

Awardees will be notified prior to November 30, 2018. Awardees will be allowed to only receive the Galey PST Scholarship Award once as a graduate student and once as a postdoctoral fellow.

Please review the Awards site for details. Applications should be submitted through the APS online award portal.
Contribute to the Bill Galey Scholarship Fund

Please consider supporting the Teaching Section’s Scholarship Fund named after Dr. Bill Galey. A description of the Fund is given below.

http://ebus.the-aps.org/personifyebusiness/OneClickDonation.aspx?ProductId=1939748

Apply for the ADInstruments MacKnight Early Career Innovative Educator Award

**Award:** $1,500, $2,000 travel and complimentary registration to EB, and institutional grant
**Deadline:** December 1
**Contact:** Education Office

The ADInstruments Macknight Early Career Innovative Educator Award, made possible by our strategic partner ADInstruments, honors an APS member who demonstrates the greatest potential for incorporating innovative teaching techniques and effectively utilizing technology resources in engaging undergraduate students in physiology education. The awardee receives a $1,500 honorarium, up to $2,000 travel reimbursement, and complimentary registration to attend the Experimental Biology meeting, and an institutional grant providing the award recipient’s institution with a [PowerLab PTB4153 Human and Animal Physiology System](#) or equivalent.

Applications are only accepted via online submission.
## Teaching of Physiology Section Steering Committee

### Elected Officers

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>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>Past Chair</td>
<td>Jonathan Kibble</td>
<td>University of Central Florida</td>
<td><a href="mailto:jonathan.kibble@ucf.edu">jonathan.kibble@ucf.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>Cynthia Metz</td>
<td>University of Louisville</td>
<td><a href="mailto:cynthia.metz@louisville.edu">cynthia.metz@louisville.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>Patricia Halpin</td>
<td>University of New Hampshire, Manchester</td>
<td><a href="mailto:patricia.halpin@unh.edu">patricia.halpin@unh.edu</a></td>
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### Appointed Officers

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<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Committee on Committees Representative</td>
<td>Robert Augustyniak</td>
<td>Edward Via College of Osteopathic Medicine</td>
<td><a href="mailto:raugustyniak@carolinas.vcom.edu">raugustyniak@carolinas.vcom.edu</a></td>
</tr>
<tr>
<td>Physiologists in Industry Committee</td>
<td>Lynn Cialdella Kam</td>
<td>Case Western</td>
<td><a href="mailto:lak99@case.edu">lak99@case.edu</a></td>
</tr>
<tr>
<td>Trainee Representative</td>
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<td>Georgetown University Medical Center</td>
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</tr>
<tr>
<td>Fellows Committee</td>
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<td>Southern Illinois University Edwardsville</td>
<td><a href="mailto:cgopala@siue.edu">cgopala@siue.edu</a></td>
</tr>
<tr>
<td>Institute of Teaching and Learning Representative</td>
<td>Barb Goodman</td>
<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>Co-Chair: Institute of Teaching and Learning</td>
<td>Beth Beason-Abmayr</td>
<td>Rice University</td>
<td><a href="mailto:bbeason@rice.edu">bbeason@rice.edu</a></td>
</tr>
<tr>
<td>Co-Chair: Institute of Teaching and Learning</td>
<td>Tom Pressley</td>
<td>Texas Tech University</td>
<td><a href="mailto:Thomas.Pressley@ttuhsc.edu">Thomas.Pressley@ttuhsc.edu</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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### APS Committee Members

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<tr>
<th>Position</th>
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<tbody>
<tr>
<td>Association of Chairs of Departments of Physiology (Liaison)</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>Awards Committee Member</td>
<td>Robert Augustyniak</td>
<td>Edward Via College of Osteopathic Medicine</td>
<td><a href="mailto:raugustyniak@carolinas.vcom.edu">raugustyniak@carolinas.vcom.edu</a></td>
</tr>
<tr>
<td>Awards Committee Member</td>
<td>David Harris</td>
<td>University of Central Florida</td>
<td><a href="mailto:david.harris2@ucf.edu">david.harris2@ucf.edu</a></td>
</tr>
</tbody>
</table>
Communications Committee Chair
Barbara Goodman
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barb.goodman@usd.edu

Incoming Communication Committee Chair
Anne Crecelius
University of Dayton
acrecelius1@udayton.edu

Communications Committee
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National Jewish Health
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Education Committee
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Porter Committee
Amie J. Dirks-Naylor
Wingate University
anaylor@wingate.edu

Publications Committee
Andrew Greene
Medical College of Wisconsin
agreene@mcw.edu

Ex-Officio Members

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<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
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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>Doug Curran-Everett</td>
<td>National Jewish Health</td>
<td><a href="mailto:EverettD@NJHealth.org">EverettD@NJHealth.org</a></td>
</tr>
<tr>
<td>Chair, Guyton Award Committee</td>
<td>Greg Brower</td>
<td>Texas Tech University, School of Medicine</td>
<td><a href="mailto:Greg.brower@ttuhsc.edu">Greg.brower@ttuhsc.edu</a></td>
</tr>
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Other appointments

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<tr>
<th>Position</th>
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<th>Affiliation</th>
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<tbody>
<tr>
<td>Past Chair, Guyton Award Committee</td>
<td>Beth Beason-Abmayr</td>
<td>Rice University</td>
<td><a href="mailto:bbeason@rice.edu">bbeason@rice.edu</a></td>
</tr>
<tr>
<td>Chair-Elect, 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>
</tbody>
</table>

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 editions of the newsletter, please visit:

http://www.the-aps.org/mm/hp/Audiences/Sections/Teach/teach-newsletters

or look for updates on APS Connect!

For questions or comments regarding this newsletter, please contact Cynthia Metz, Secretary of the APS Teaching Section at cynthia.metz@louisville.edu