

Forum on Education Executive Committee Meeting Agenda
Monday, April 16, 6:00-10:00 pm (Dinner at 6, meeting starting at 6:30 for remote attendees)

Location: Hilton Columbus
Room: Edward Parker Hayden Room

Blue Jeans (Ted sent individual emails to remote attendees)
Wifi is available in the meeting room

Attendees: Tim Stelzer, John Stewart, Larry Cain, Laurie McNeil, Jerry Feldman, Charles Henderson, Noah Finkelstein (phone), Richard Steinberg (calling in 8:15pm), Beth Lindsey (calling in), Andrew Heckler, Geraldine Cochran, Luz Martinez-Miranda, Toni Sauncy (calling in), Chuhee Kwon (calling in), Eleanor Close (in person), MacKenzie Stetzer (calling in), Ted Hodapp, Monica Plisch (in person), Gordon Ramsey, Laura Henriques (calling in 7pm), John Thompson.

Minutes recorded by C. Henderson.

I have slotted everyone with 10 minutes. I don't expect everyone to take the full 10 minutes, so hopefully we will be done near 9pm.

6:38pm - John calls meeting to order...provides overview of APS structure and how FEd fits in. Orientation (John Stewart and Larry Cain)

- Nominating Committee (Jerry Feldman) - [Instructions](#)
- Program Committee (Laurie McNeil) – [Proto-instructions](#)
- Membership Committee (Larry Cain) - [Notes](#)
- Fellowship Committee (John Stewart)
- Forum Chair (Larry Cain) - Chair Notes
- Supported Member Travel
- [Committee Assignments](#)

6:45pm - Introductions and Farewells

- Introductions of all attendees – New Members (incoming Vice Chair) Jerry Feldman, (incoming Members-At-Large) Eleanor Close, MacKenzie Stetzer
- Farewells and Thank You – Completing term of office with this meeting: Tim Stelzer, Geraldine Cochran, Andrew Heckler
- Farewells and Thank You, but with more work to do – Completing term of office on December 31st 2018: John Stewart, Toni Sauncy, Luz Martinez-Miranda
- Committee Assignments - <https://docs.google.com/document/d/1UP5uSCEX1ANwdfrocPjJaDBiZiNLc7-p9eZrGTWjPcU/edit?usp=sharing>

7:02pm Approve Minutes Last Meeting - approved unanimously

<https://www.aps.org/units/fed/governance/minutes/upload/January17.pdf>

7:03pm Budget (Charles Henderson, Secretary/Treasurer)

- [FEd Trends](#)
- FEd support for [PRPER](#)?
- Education and Diversity (March and April)
- Budget - [Proposed Budget](#) - Budget passes unanimously (with addition of \$1K to excellence award to support March diversity reception). \$26,100 in total expenses proposed.
- Charles will work with APS to see if we can reclaim the missing \$20K from last year.

7:21pm - Laura Henriques (COE) Laura.Henriques@csulb.edu (calling in)

- Biggest initiative is role of GRE in admissions. APS COE will propose a policy statement to POPA (Panel on Public Affairs), which works on all APS Statements. Hope to move forward in coming months (working group meeting scheduled for early May). There is concern that some campuses use the physics subject GRE scores as a primary indicator for admissions. This may decrease diversity of admitted students. The exact wording of the proposal has not yet been finalized.
- EP3 Initiative is moving forward.
- Continue to participate in EPC (Education Policy Committee) activities.
- Looking at the role of graduate physics student organizations support students. How can we help campuses that don't have graduate student organizations in physics set these up and better support their students.

7:44pm Monica Plisch (APS)

- PhysTEC
 - New grant and new initiatives. Goal to recruit and educate new physics teachers. US needs about 800 more physics teachers each year. That is about one teacher per physics department.
 - 300 member institutions - 42% of all US physics departments.
 - March 2-3 PhysTEC meeting in Boston, right before APS March meeting. This creates opportunities for PhysTEC and FEd to partner. Perhaps a session devoted to teacher education. Perhaps a Sunday evening workshop (the day before the March meeting starts) -- could serve as a bridging session. General consensus that FEd could collaborate on a session.

7:55pm Ted Hodapp (APS)

- IGEN (Inclusive Graduate Education Network) -- Bridge Program 2.0. New grant proposal submitted! Now involving multiple disciplines.
- EP3 (Effective Practices for Physics Programs) -- Grant proposal submitted in Dec. If funding is received, there are things we would like to do with FEd blessing. Perhaps

workshops or sessions. Dissemination is a huge effort - focus is on chairs, but we need to get to everyone.

- NPRLG (National Physics REU Leadership Group)
- STEP UP 4 Women (Supporting Teachers to Encourage the Pursuit of Undergraduate Physics for Women) -- funding received last May, reach up to 15K High School physics teachers to get more women into physics. Trying to build workable models for how to get to people, particularly networks of high school physics teachers.
- APS/AAPT Department Chairs meeting (7-9 June 2018, ACP) -- trying to foster conversations among chairs rather than talk at them.

8:05pm Gordon Ramsey (AAPT)

- PowerPoint Presentation
- Common interests between FEd and AAPT
 - Undergraduate Physics Education
 - Graduate Physics Education
 - Teacher preparation
 - Undergrad physics programs
 - Undergrad curriculum
 - Introductory courses
 - Advanced courses
 - International physics education
 - (Diversity and inclusion is embedded in all above)
- Underlying trends (in next 10 years at least)
 - Increased emphasis on research experience
 - Need to develop skills used in both traditional and non-traditional careers
 - More applications oriented approaches in all physics courses
 - Dissemination and practice of lessons learned from PER
 - Incorporating more interdisciplinary courses
- Underlying question:
 - How can we work together, using the unique resources of each organization to address the areas of interest that speak to these trends?
 - Goal is to plant a seed for future interactions.
 - Maybe FEd would like to work with AAPT to push more connections between US and non-US physics teaching communities.
 - FEd might be able to increase membership by working to interact more closely with non-US physics teachers. There are good international issues to work on with FEd and GPER, such as international visas.

8:18pm Richard Steinberg (Newsletter Editor)

- Thanks to all the folks who make the newsletter possible.
- Spring newsletter just went out -- focus was educational policy
- Richard is rotating off and suggests we think about next editor. He is not interested in continuing, but will give lots of help to the new editor.

- He will do Fall 2018 and Spring 2019 (hopefully working with the new editor)

8:30pm Councilor's Report (Noah Finkelstein)

- FEd is great!
- APS is a healthy organization. \$56M revenues last year, with a surplus.
- 12.6% of US economy is based on physics-enabled industries
- Task force on international engagement
 - FEd could comment on emerging report (due to come out in Nov)
- Task force on prizes and awards
 - Many prizes and awards are not yet fully funded.
 - Often awards do not cover cost of travel to receive awards and often does not cover overhead.
- Council is focusing more on engagement (rather than dissemination)
- Strategic Pillars (small task forces working on each, plus an external consultant)
 - Ensuring scientific research dissemination
 - Serving communities - programmatic efforts: education, diversity, outreach, government affairs
 - Securing financial stability
 - Increasing organizational excellence

8:40pm John Thompson (GPER)

- Appreciate co-sponsorship of invited sessions.
- Did solicitations for travel grants
 - for proposers travel to APS to present PER.
 - for APS session grants - to support others to attend.
 - for APS members to attend non-PER conferences and promote GPER
- Nominating committee is great!
- Nominating committee identified three dozen or so potential members.
 - Candidates for vice chair and two members.
 - Next year we will also need a graduate student member. This will require a different approach than has been used for getting members in the past.
 -

8:46pm Nominating Committee Report (Laurie McNeil)

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8:49pm Program Committee Report (Larry Cain)

- 4 invited sessions at March Meeting, 5 at April meeting
- March (~11,500 attendees total)

- Sessions between 45-80 attendees
- Career session reached 225 for one of the six talks
- April (~1500 attendees total)
 - Sessions between 25-60 attendees
 - Career session reached 75 at points

8:54pm Fellowship Committee Report (Tim Stelzer)

- Three nominations went forward (from about six nominations). The choices made were clear.
- Nominations were solicited in the newsletter and in an email to membership.
- There are often people who should be fellows who are not yet fellows.

9:07pm Membership Committee Report (John Stewart) - [Lapsed Member Drive](#)

- FEd membership is decreasing
- We are working on various initiatives to increase membership. This needs to be a top priority.
- There are [notes](#) about the possible membership committee activities.
- The purpose of the Membership Committee is to allow the FEd to catch up with the other Forum's recruiting efforts. The following are some ideas that I largely stole from others and I am hoping the committee can add to this list and help implement some of the ideas by the March meeting. Beginning in January 2018, APS members can elect as many forums as they want for free. All we need to add members are names or meeting badge numbers.

9:19pm Leadership Convocation Report (Jerry Feldman) – Who wants to attend next year?

- Every Feb there is a convocation of APS leaders. It is a valuable experience. Highly recommended. Best conference ever!
- APS covers up to three people per unit. We should send folks.

9:26pm Chair's Report (John Stewart and Larry Cain)

- Past year (John)
 - Bylaws revised
 - Greater role in advocacy
 - Membership work carried by chair and program chair
- This year (Larry)
 - What should FEd be doing in terms of communication and advocacy? Send your ideas.
 - Policy statement about using effective education methods. (Andrew will spearhead this effort.)

9:35 Aspirational Projects

- Physics Education Research Prize or Award - John Stewart will spearhead this effort and see what is needed to produce a new prize.

9:44 Meeting Adjourned