

Chesapeake Section of the AAPT Spring Meeting
Saturday, March 21, 2020
Radford University, Radford VA

Our spring section meeting will be Saturday, March 21 at Radford University. In addition to contributed talks, the meeting will also feature keynote presentations on diversity and inclusion in physics and effective practices for physics programs.

Below is our call for presentations and conference RSVPs. A full program will be available a week or two before the meeting.

Conference Fees:

Regular attendee	\$25
Students, K-12 teachers, guests	\$15
K-12 teacher first time attendee	\$ 5

The conference fee includes continental breakfast, coffee break, lunch, and conference registration.

Call for talks, demonstrations, and posters:

Contributed Talks: About 15 minutes including questions.

Physics Demos: About 15 minutes including questions. We particularly encourage demos that can be built by anyone and used to teach a standard classroom physics topic, rather than presentations of specialized research apparatus. We also encourage ***Make & Takes*** where audience members can take something home. We will discount your conference fee by up to the cost of the materials for Make & Takes. If it costs more than the conference fee, please clear it with Alex Barr.

Contributed Posters: Students and faculty can bring posters to have on display during lunch and coffee breaks for an informal poster session.

Attendees are welcome to present in multiple categories or to attend without giving a presentation. **Students** at all levels are encouraged to attend and present. You can present about teaching/learning or about research/projects.

There will be **prizes** for best talks and best demo.

Draft Program:

Saturday

8:00 – 8:45 Registration and Continental Breakfast
8:45 – 9:00 Welcome Remarks
9:00 – 11:00 Contributed Talks and Demos I
11:00 – 12:00 Keynote I
12:00 – 1:30 Lunch and Posters
1:30 – 3:30 Contributed Talks and Demos II
3:30 – 4:30 Keynote II
4:30 – 5:00 CSAAPT Business Meeting (all are welcome)
Dinner: (optional)

Keynote I

A Critical Issue Facing the Physics Education Community: Diversity and Inclusion

Beth A. Cunningham, Executive Officer, American Association of Physics Teachers

The number of individuals receiving Bachelor's degrees in physics has doubled over the past 20 years. However, the percentage of women receiving Bachelor's degrees has remained the same and the percentage of African Americans has dropped over this same time. Where are the women and underrepresented groups? What can be done to increase the participation of women and underrepresented groups in physics at all levels? The American Association of Physics Teachers is participating in a number of projects to remedy this problem. These projects and other potential solutions will be discussed.

Keynote II

Introduction to the Effective Practices for Physics Programs (EP3) Guide

Michael Jackson, Dean of Science and Technology, Millersville University; EP3 Team Member

To help physicists reflect on and subsequently improve elements of their department, along with addressing the challenges they may already face, the American Physical Society, in collaboration with the American Association of Physics Teachers, is developing a comprehensive guide to serve as a one-stop shop for how to improve the health of a department based on a collection of research findings and community knowledge. Scheduled for release in late 2020, the guide will provide concise advice on nearly all aspects of undergraduate education that includes guidance on preparing for or conducting external site reviews. In this presentation, the author will give a broad introduction to the guide and solicit feedback from the audience on how best to make these materials available to the community.

RSVP and Abstract Submission:

We ask that everyone planning to attend the meeting **RSVP by Friday, March 6th**. Use [this web form](#) to RSVP and submit an abstract if you are interested in presenting at the meeting.

The conference fee will be collected in person the day of the conference. All you need to do in advance of the conference is complete the web form linked above.

There is no official conference hotel. The following hotels are all conveniently located near the Radford campus.

- [La Quinta](#) - This is one of the nearest hotels to campus. Most of these rooms have been recently renovated and this is the provider we use on campus for visitors. It is also relatively cheap.
- [Super 8](#) - Next furthest out.
- [Comfort Inn](#) - This is all the way out at I-81, but still less than 10 minutes away from campus.

Parking on campus is open on weekends. A campus map with building and parking locations highlighted will be included with the conference program which will be emailed to everyone approximately two weeks before the meeting.

Questions? Email Alex Barr at abarr@howardcc.edu