

APS COMMITTEE ANNUAL REPORT
2013



COMMITTEE:

EDUCATION

COMMITTEE CHARGE

The membership of the Committee on Education shall consist of twelve members. Nine members will be appointed by the President-Elect to staggered three-year terms while the Chair, Past-Chair and Chair-Elect from the Forum on Education shall serve as statutory members of the Committee. The President-Elect shall appoint the Chairperson from among the members. The Committee shall be responsible for activities in the area of physics education designated to it by the Executive Board or the Council. It shall report periodically to the President, the Executive Board and the Council on physics education. It may suggest and supervise studies and programs to improve the cooperation between the educational community and other parts of the physics community.

CURRENT COMMITTEE MEMBERS:

Chair: **Paul Davis Cottle**
Florida State Univ

Member: **Ty James Prosa**
Imago Scientific

Member: **Carlos A Bertulani**
Texas A&M Univ, Commerce

Member: **Timothy F Slater**
Univ of Wyoming

Member: **Eric Brew**
Florida Intl Univ

Member: **Michael R Thoennessen**
Michigan State Univ

Member: **Rebecca J Christianson**
Olin College of Engineering

Member: **R Steven Turley**
Brigham Young Univ - Provo

Member: **David A Craig**
Le Moyne Coll

FED Past Chair to COE: **Renee D Diehl**
Penn State University

Member: **Alan WP Poon**
Lawrence Berkeley Natl Lab

FED Chair-Elect to COE: **Michael H Fauerbach**
Florida Gulf Coast Univ

SUMMARY OF MEETINGS AND ACTIVITIES IN 2013:

The COE met twice in person – on April 6 in College Park and on September 28 in Chicago – and held two teleconferences, on January 23 and July 9.

The committee's primary activity at the graduate level was the 2013 Graduate Education Conference, held in College Park January 31 – February 2. Graduate subcommittee members worked with the conference organizers to prepare the conference report. One major concern arising from the conference was the use of the Physics GRE in graduate admissions. The graduate subcommittee is making recommendations regarding the listing of GRE information on the AIP service site graduateschoolshopper.com.

The COE's Award for Improving Undergraduate Physics Education continues to attract strong nominees, and awardees often gain significant visibility in their local communities. The Undergraduate Subcommittee continues to review and improve the award process.

The COE continues to participate in the review and approval process for the proposed APS Statement on K-12 Education, which will have a Council vote in November. The COE has also proposed a Statement on Undergraduate Research which is waiting for the next step in the review process. The COE has also recommended that the APS provide an endorsement for the Next Generation Science Standards, and the Physics Policy Committee will be considering this proposal at its December meeting.

The COE will be working on how to formalize its relationship with the new Topical Group on Physics Education Research.