

**American Physical Society  
Committee on Education,  
Annual Report 2007  
Michael Marder, Chair, COE, 2007**

In 2007 the APS Committee on Education comprised the following individuals : Michael Marder, University of Texas Austin, *Chair*, David Haase, NC State University, Ernie Malamud, Elizabeth McCormack, Bryn Mawr College, Peggy McMahan, LLBL, Alain Phares, Villanova University, Chandralekha Singh, Univ. of Pittsburgh, Janet Tate, Oregon State University, and Stephen Thornton, University of Virginia.

Two meetings were held in 2007: March 16 at ACP and October 27 in Chicago, Illinois. Conference calls were held in January and May. The Committee continued to work on a variety of activities including:

- Planning for a conference on Graduate Physics education held January 31-February 2, 2008 at ACP. The organizing committee consists of Janet Tate, Ted Hodapp, Chandralekha Singh, and Michael Thoennessen/ AAPT. The Program Committee consists of Renee Diehl (Penn State), Steven Girven (Yale), Kenneth Heller (UMinn), John Markert UT/Austin), Margaret Murnane (JILA/Univ Colorado), Horst Stormer (Columbia), and Ted Hodapp (APS). The conference will be funded by NSF. Participants will include physics department chairs and Directors of Graduate Studies. Several graduate students will also be invited.
- Providing a list of education-related lobbying priorities to the Washington, DC office to help guide their activities. As COE chair, Marder continues to attend meetings of the Physics Policy Committee.
- Investigating a conference on Middle school science for 30-50 persons, possibly for summer 2008.
- Encouraging the expansion of Teachers Days for regional high school teachers to unit meetings and elsewhere.
- Submitting names for the committee for the Faculty Prize for Research at an Undergraduate Institution to the prizes and awards department.
- Providing input to Ted Hodapp concerning the progress of the PhysTEC program, which continues to expand.
- Implement the APS doubling initiative. The goal is to **Double the number of bachelor degrees in physics to address critical national needs including economic competitiveness, energy, and security**. Components of this initiative include Teacher Education (PhysTEC-II), the Faculty and Departmental Support (Core Physics Degree, Spin-UP II, New Faculty Workshop) Early Pre-College Outreach (PhysicsQuest, Middle School Gathering) and Student Recruitment (Minority Scholarship, Diversified Meetings, High School Student Registry, and Physics Career Web Portal)

The COE continues to look at ways to engage the APS memberships in supporting education-related issues.