Phys21: Preparing Physics Students for 21st Century Careers
ELIZABETH MCCORMACK, Bryn Mawr College — The Phys21: Preparing Physics Students for 21st Century Careers report was commissioned by the APS and the AAPT and prepared by the Joint Task Force on Undergraduate Physics Programs (J-TUPP). It addresses the question: What skills and knowledge should the next generation of undergraduate physics majors possess to be well prepared for a diverse set of careers? J-TUPP members were particularly interested to understand better the needs of students who do not plan to pursue academic research careers. The major findings of the report and a summary of the guidelines that were developed for revising the undergraduate curriculum, addressing the needs of an increasingly diverse population of students, providing professional skills development, and enhancing student engagement through high impact teaching practices will be presented.