

Scientific Foundations for Future Physicians and the Revised MCAT:  
Implications for Undergraduate STEM Education

Robert C. Hilborn  
Associate Executive Officer  
American Association of Physics Teachers

Both the Scientific Foundations for Future Physicians (SFFP) report and the revised Medical College Admissions Test (MCAT) focus on student competencies: what students should know and what they should be able to do with that knowledge. The new MCAT also ties the assessment of scientific knowledge to scientific inquiry and research skills. In this talk, I will give a brief overview of the SFFP and the revised MCAT and discuss how undergraduate STEM education in general and physics education in particular can support life science students, including those intending to attend medical school, more effectively.