

Abstract Submitted  
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**The 2014 Gordon Research Conference: Physics Research & Education: The Complex Intersection of Biology and Physics** MEL SABELLA, Chicago State University, MATTHEW LANG, Vanderbilt University — The field of biological physics and the physics education of biology and medically oriented students have experienced tremendous growth in recent years. New findings, applications, and technologies in biological and medical physics are having far reaching consequences that affect and influence the science community, the education of future scientists and health-care workers, and the general population. As a result leaders in Physics Education Research have begun to focus their attention on the specific needs of students in the biological sciences, the different ways physicists and biologists view the nature of science and the interactions of scientists in these disciplines. In this poster we highlight some of these findings and pose questions for discussion. The Complex Intersection of Biology and Physics will be the topic of the next Gordon Research Conference on Physics Research and Education to be held in June 2014. The exact date and location are still to be determined.

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