

Abstract Submitted  
for the PHYSTC12 Meeting of  
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**Linking Physics, Chemistry, and Math for Sustained Reform in Teacher Education** MARY KIRCHHOFF, American Chemical Society, W. JAMES LEWIS, University of Nebraska-Lincoln, STAMATIS VOKOS, Seattle Pacific University, MONICA PLISCH, APS — Physics, chemistry and math consistently rank as the highest need disciplines for qualified teachers. There are many common challenges faced by teacher educators in these disciplines, as well as some key differences. The panel will discuss these similarities and differences, and explore possible links between disciplinary efforts to promote sustained reform. The discussion will build on the work of the Task Force on Teacher Education in Physics, the ACS effort to launch the Chemistry Teacher Education Coalition, and the Conference Board of Mathematical Sciences report on the Mathematical Education of Teachers.

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