Abstract Submitted for the PHYSTEC17 Meeting of The American Physical Society

An Overview of the NSF Robert Noyce Teacher Scholarship Program Plus Additional Opportunities KATHLEEN BERGIN, National Science Foundation — The Division of Undergraduate Education at the National Science Foundation promotes excellence in undergraduate science, technology, engineering and mathematics (STEM) education for all students and provides opportunities for faculty to obtain funding for projects that address current challenges and opportunities in undergraduate STEM education. The Robert Noyce Teacher Scholarship Program responds to the critical need for K-12 science and mathematics teachers with disciplinary content depth by recruiting and preparing talented STEM majors and professionals to become teachers. Noyce investments support the development of new models for preparing teachers and the expansion of the nations capacity to recruit, prepare and retain STEM teachers in high-need districts. The Noyce program also supports educational research related to pre-service STEM teacher education. This presentation will offer an overview of the Noyce Program, including identifying common strengths and weaknesses for Noyce proposals. In addition, information related to the Improving Undergraduate STEM Education (IUSE) and the EHR Core Research program (ECR) related to improving teacher education will also be briefly explored.

> Kathleen Bergin National Science Foundation

Date submitted: 30 Jan 2017

Electronic form version 1.4