

Abstract Submitted
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Building the Sonoma State University Physics Teacher Pipeline¹

SCOTT SEVERSON, Sonoma State University — We present an array of changes that represent our concerted effort to recruit students into high school physics teaching pathways and to develop a supportive structure for students to gain teaching experiences during their undergraduate years at Sonoma State University. These include: the creation of an active PhysTEC community on campus including a part-time Teacher-in-Residence; The establishment of a Teacher Advisory Group that we call Physics in our Neighborhood (PION); the development of recruiting materials, including a well-received promotional poster for our department with a teaching focus and participation of our students; the coordination with our campus tutoring program to incorporate Physics majors as Supplemental Instructors following concepts of the successful CU-Boulder Learning Assistant model; and the incorporation of PhysTEC inspired ideas in our recent Department of Physics Astronomy Program Review and subsequent program changes.

¹PhysTEC Recruiting Grant Site

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