

**PR Award #:** U336S190019

**Organization Name:** Temple University - Of The Commonwealth System of

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**Project Model:** Residency Model

**Competitive Preference Priorities:** (1) Promoting STEM Education

**Invitational Priority – Opportunity Zones:** No

**Requested Total Award Amount:**

**Project Description:**

Building and implementing a new partnership and innovative model that meets multiple needs require time, energy, and resources. Both Temple and String Theory are committed to providing these as match efforts to the funding to plan and implement this program over the next 5 years. During Year 1, the project partners will collaborate in the research, development, and design of the new program elements as well as the structures needed to implement in the following years. In the same year, pre-residency work will be initiated, including recruiting residents, mentors and coaches, enrolling participants in classes and trainings, and matching residents and mentors for their placements.

**Project Expected Outcomes:**

Our goal is to prepare at least 32 new, high-quality, STEM teachers to serve in a high-need LEA for at least 3 years post-graduation. During the proposed planning and development year, TTR+ST will work on two primary tasks; (1) information gathering, including a need- and interests-assessment for mentor teachers and resident coaches via surveys and interviews and analysis of the research literature. (2) development of new, stackable, online and/or hybrid professional development modules for mentor teachers and coaches. In addition, we will develop content modules focused on mathematics and science as well as any other goals identified by the needs-assessment. This expansive collection of modules will benefit both institutions after the grant funded project is over; supporting and challenging teachers and teacher-leaders at all points on their professional continuum, and across Temple's STEM-education programs.

**Project Special Features:**

There are three distinct processes that we will use for admissions to TTR+ST. First, during the planning year, String Theory Schools will develop an application for their system that helps them decide if the prospective resident can be successful given their unique educational, arts-infused, curriculum. Second, prospective residency candidates must apply to Temple University's Graduate School and College of Education in the relevant certification area. Finally, TTR+ST will run an in-person admissions event, hosted at one of the String Theory Schools that includes both group- and individual-aspects, adapting TTR's extant process to reflect the needs of the TTR+ST collaboration.

**Project Partners:** String Theory Charter School Network (TTR+ST)