

Title: Expanded Computer Science Professional Development Week (E_CSPD_Wk)

Grant Type / Priorities: Early Phase; AP 1: Demonstrates a Rationale; AP 3: Teacher-Directed Professional Learning; CPP 2: State Educational Agency Partnership; and Rural Designation

Number of Students / Grade Levels Served: 52,500 K-12 students

High-Need Student Definition: CSTA's definition of high-need students is young women, rural, Title 1, and Black, Indigenous, and students of color.

Description / Activities: Building off the success of a teacher-led, -designed, and -directed pilot of CSPDWeek offered by the CSTA South Carolina (CSTA SC) chapter in summer 2020, this grant enables CSTA SC to: (1) expand its programming to reach experienced CS teachers (in addition to the new CS teachers originally targeted); (2) explore offering micro-credentials in partnership with the South Carolina State Department of Education (SCDOE) in year 1; and (3) offer an improved version of the expanded offering in year 2-3. Additionally, the CSTA national organization will assist the replication of CSPDWeek in Indiana, which will launch in year two; the CSTA IN chapter will then offer their version of E_CSPD_Wk four times. Across the two states, this grant will enable a total of seven E_CSPD_Wk events.

Objectives / Expected Outcomes: E_CSPD_Wk outcomes are: (1) Improve CS teachers' personal and teaching attributes; (2) Increase the number of certified / endorsed CS teachers; (3) Increase the number of high-need students showing proficiency in CS; (4) Increase high-need students personal attributes in regards to CS; and (5) Increase access to CS-related teacher directed professional learning options.

Special Features: Aligned to *CSTA Standards for CS Teachers*, E_CSPD_Wk builds off the success of a teacher-led, -designed, and -directed pilot of CSPDWeek held in July 2020, in order to offer a variety of options for both beginner and experienced CS teachers to choose their own pathways to meet their diverse needs that satisfies 100% of continuing education required by the SEAs in SC and IN.

Partners: CSTA (Fiscal Agent); CSTA Chapters in SC and IN (Implementation Partners); South Carolina Department of Education (SEA Partner); and UC San Diego (Evaluation Partner)