

## **WeTeach CS Computer Science Teaching at Rice (CSTAR)!**

CSTaR is a spring and summer program for teachers of all grade levels to learn coding and programming basics and how to teach it as a class. No background in computer science is necessary! To supplement class instruction, participants will take "Foundations of Computer Science for Teachers," a course that starts soon on UTakelt Professional Development.

The Computer Science Teaching at Rice (CSTaR) program is designed to:

- Increase student achievement in computer science
- Improve teacher's computer science knowledge as it relates to coding fluency
- Enhance the use of best practices in computer science instruction including instructional practices, quality questioning strategies, analyzing student work, etc.
- Strengthen inquiry-based teaching
- Explore new developments in science, technology, engineering, and mathematics
- Develop teacher-leaders on Houston area middle school campuses

### **Participants Receive:**

- \$1000 stipend & \$1000 in CS materials and resources upon program completion
- Over 80 hours of sustained and supported professional development
- Acceptance to R-STEM's community of alumni

### **Program Structure**

The spring institute will take place four times during the semester at Rice University. Two sessions will be held all day on Saturdays, while two sessions will be held on Wednesday evenings.

The summer institute will take place over a 3-day period at Rice University.

Teachers will also complete a book study and some online modules.

### **Spring Institute:**

- Saturday, February 17, 2018 from 8:30 a.m. - 2:30 p.m.
- Wednesday, March 7, 2018 from 5:30 p.m. - 8:30 p.m.
- Wednesday, April 11, 2018 from 5:30 p.m. - 8:30 p.m.
- Saturday, April 21, 2018 from 8:30 a.m. - 2:30 p.m.

### **Summer Institute:**

- June 5, 2018 – June 7, 2018 from 8:30 a.m. - 2:30 p.m.

### **Location:**

Rice University  
6100 Main Street  
Houston, Texas 77005

**Apply today at <https://www.rstem.rice.edu/cstar!>**