

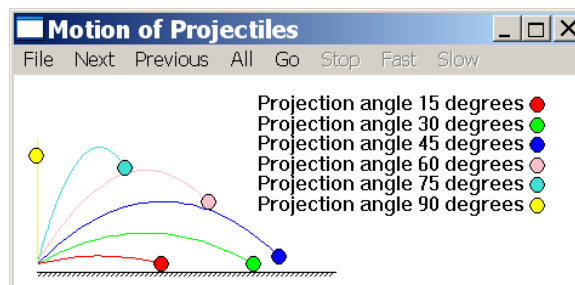
# C-STEM Awards Nominations

## 2013 UC Davis C-STEM Awards

Awards Ceremony: **Saturday, May 4, 2013**

Nominations Due: **March 15, 2013**

<http://c-stem.ucdavis.edu>



## Mission of the C-STEM Center

The mission of the UC Davis K-14 Outreach Center for Computing and STEM Education (C-STEM) is to improve computing, science, technology, engineering, and mathematics (C-STEM) education in both formal and informal programs in K-14. Simply put, we add 'C' in front of STEM and integrate 'C' into STEM. The goal of the C-STEM Center is to broaden participation of students, especially female and underrepresented minorities, in computing and to develop students' computer-aided problem-solving skills to tackle real-world STEM problems. The C-STEM Center also studies how to streamline the curriculum on computing education in the context of STEM subjects in elementary, middle, and high schools, and first two years in colleges to increase student interest in pursuing computing and STEM related careers, and post-secondary study. Various activities are designed to accomplish the mission and to achieve the goal of the C-STEM Center. One of them is to recognize K-12 teachers' and their students' outstanding contributions in C-STEM education by presenting C-STEM awards on the UC Davis C-STEM Day.

## C-STEM Awards

C-STEM Awards are presented to K-12 teachers and students for their exceptional work in C-STEM education in the northern California region. Award recipients are selected by the C-STEM Awards Committee consisting of UC Davis faculty, graduate students, and undergraduate students.

## **C-STEM Teacher of the Year**

C-STEM Teacher of the Year recognizes C-STEM teachers for their exceptional contributions in teaching computing, integrating computing into STEM subjects, and inspiring students to pursue careers and post-secondary study in C-STEM fields.

### **Qualifications:**

- Recipient must be teachers teaching C-STEM subjects in K-12 schools in northern California

### **Selection Criteria:**

- Evidence on excellence in computing and STEM education, especially on integration of computing into STEM education
- Present concepts in fun and exciting ways
- Inspire students of all backgrounds and learning abilities
- Have the respect and admiration of students, parents, and colleagues
- Play an active role in school and extracurricular activities

## **C-STEM Award of Excellence**

C-STEM Award of Excellence recognizes high-school students for their demonstrated excellent performance on computing and its applications in STEM subjects. An award recipient shall be motivated and shows exceptional promise for pursuing post-secondary study in computing or computing-related STEM fields. An award recipient not only excels, but also helps others actively participate in computing and computing-related activities in STEM fields.

### **Qualifications:**

- Recipients must be high-school students attending schools in northern California

### **Selection Criteria:**

- Recipient must demonstrate excellent aptitude and interest in computing and its applications in STEM fields
- Recipient should have leadership ability
- Recipient should have good academic record, typically a GPA of 3.0 or better
- Recipient should have post-secondary education plans in computing or computing-related STEM fields

### **C-STEM Award of Achievement**

The C-STEM Award of Achievement recognizes middle-school students for their demonstrated outstanding performance on computing and its applications in STEM subjects. An award recipient shall show great promise for continued education in computing or computing related STEM fields.

**Qualifications:**

- Recipients must be middle-school students attending schools in northern California

**Selection Criteria**

- Recipient must demonstrate outstanding aptitude and interest in computing and its applications in STEM fields
- Recipient should have leadership ability
- Recipient should have good academic history, typically a GPA of 3.0 or better

### **C-STEM Scholarship**

The UC Davis C-STEM Scholarship is for college-bound seniors in the northern California region for their exceptional achievement on C-STEM and pursuing C-STEM related post-secondary study.

**Qualifications:**

- Recipients must be high-school seniors students attending schools in northern California

**Selection Criteria:**

- Recipient must demonstrate excellent aptitude and interest in computing and its applications in STEM fields
- Recipient should have leadership ability
- Recipient should have good academic record, typically a GPA of 3.0 or better
- Recipient should have post-secondary education plans in computing or computing-related STEM fields