



## Interested in STEM Education, but don't have much previous experience? Join the STOMP Residency Program!



STOMP pairs Tufts University students with K-8th Grade teachers in the greater Boston area to create and implement engineering curricula in their classrooms. Teachers struggle to effectively teach Engineering to their students, so we bring expertise to these schools so that students of all backgrounds can benefit.

The STOMP Residency Program is designed for students who are interested in STEM and teaching, but don't have much experience in the classroom. You do not have to be an Engineer or STEM major to apply. We are looking for students of diverse majors, interests and backgrounds to join! Keep reading for more information about the program.

Being a STOMP Residency Fellow is a paid position. Applications are due January 28th

Application Link: [tiny.cc/stompresidencyapplication](https://tiny.cc/stompresidencyapplication)

## **STOMP Program - CEEO**

### ***Residency Program Fellow***

#### **STOMP Program Mission:**

The Tufts University Student Teacher Outreach Mentorship Program (STOMP) pairs college students with K-12 teachers in the greater Boston area to assist in the integration of engineering in the school curriculum. The STOMP Fellows enhance the engineering knowledge of both the teacher and students by preparing and leading hands-on lessons. STOMP Fellows encourage students to use the Engineering Design Process, which teaches students to change, test and improve their ideas.

#### **Residency Program Mission:**

The STOMP Program began in 2001 with 5 fellows in 2 classrooms. The program has now expanded to 55 fellows working in 45 classrooms across the greater Boston area. With the increase in popularity and success of the program, the admission rate has decreased to less than 25% of applicants being accepted each semester. This means that only fellows with significant teaching experience are being accepted. The STOMP Residency Program was launched last semester to give students who don't have much teaching experience, but have a passion for STEM Education, the opportunity to join the STOMP program.

#### **STOMP Residency Fellow Responsibilities:**

Students in the program have the opportunity to assist with workshops at the CEEO (Center for Engineering Education and Outreach). They get a semester of learning from experienced teachers, observing the implementation of STEM curricula, and even get the opportunity to teach their own lessons. Ten students participated last semester, and we will be accepting ten more this semester.

STOMP Residency Fellows work an average of **5 hours a week** (some weeks closer to 1 and others closer to 10) and get paid **\$11/hour** (both Workstudy and Non-Workstudy). These paid responsibilities include (but are not limited to) the following.

- Assist Workshop Leaders with K-8th Grade Workshops
  - Register students, set-up and clean-up, work with small groups, etc.
- Teach 2 Sessions
  - Work with other Residency Fellow to develop and run a 1-2 hour STEM workshop activity
  - Partner with a pair of STOMP Fellows to teach a 1 hour lesson in a classroom
- Observe a STOMP Classroom
- Attend Wednesday Meetings
  - 12 - 1 PM every Wednesday
- Attend Trainings

**Sample Schedule:**

April 2016					
Mon	Tue	Wed	Thu	Fri	Sat
4	5	6 <b>Meeting 12 - 1 PM</b>	7	8 <b>Class Visit 10 - 12 AM</b>	9
11	12	13 <b>Meeting 12 - 1 PM</b>	14	15	16
18	19	20 <b>Meeting 12 - 1 PM</b>	21 <b>Workshop: 12 – 3:30 PM</b>	22	23
25	26	27 <b>Meeting 12 - 1 PM</b>	28	29	30 <b>Workshop: 8:30 – 3:30</b>

**STOMP Residency Application**

**Due Date:** Saturday, January 28th

**Application Link:** [tiny.cc/stompresidencyapplication](http://tiny.cc/stompresidencyapplication)

**Office Hours:** <http://doodle.com/poll/ynkp36ae7u6b3564>

These office hours will be hosted by the Coordinators of the Residency Program. They are available to anyone, but low-income, first-generation, and/or racial minority students at Tufts are especially encouraged to attend. Come to get advice and feedback on your application. If you have any questions, or cannot make any of the hours listed above, please contact us at [stomp@tuftsceeo.org](mailto:stomp@tuftsceeo.org) for help or to schedule an individual appointment.