

Resources

Over the years, Tufts STOMP has created numerous resources that are available to anyone interested in implementing or adopting aspects of our STEM outreach program. The following resources are available on our website: www.stompnetwork.org:

Implementation manuals

Curriculum units

An extensive activity database

A photo and video database

Annual reports



How to Join STOMP

How can you have access to the STOMP manuals and additional STOMP resources? Become a member of the STOMP network! The STOMP network links together outreach programs via the web to allow collaboration and sharing of resources, curriculum and classroom assessment materials.

Send inquiries to webmaster@stompnetwork.org.

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Tufts UNIVERSITY | Center for Engineering Education and Outreach



Student Teacher Outreach Mentorship Program

**Improving Education
through Engineering**

What is STOMP?

The Student Teacher Outreach Mentorship Program (STOMP) began at Tufts University's Center for Engineering, Education and Outreach (CEEEO) in 2001 to create a partnership between Tufts engineering students and local K-12 educators to promote STEM (Science, Technology, Engineering and Mathematics) at the K-12 level. STOMP at Tufts is one of many university based STEM outreach program across the country that leverages their resources of knowledge and supplies K-12 schools with student assistance.



Getting Involved

STOMP Networking.

To further expand the STOMP network, STOMP at Tufts offers starter equipment grants (\$3,000-\$5,000) to other universities interested in developing STEM outreach programs. All activities, photos, and project videos from past Tufts STOMP classrooms are available on the website for anyone to use and adopt or gain ideas for the development of new STEM activities.

Benefits.

Evaluation and pilot studies have shown that engineering students participating in STOMP gain both leadership and communication skills.

The engineering students also realize the value of community service, which is indicated by the fact that the past three Tufts STOMP program managers have received the Tufts Presidential Award for Active Citizenship and Public Service, which recognizes Tufts students for their community leadership, public service and civic engagement.

In 2010-2011, there were approximately 45 STOMP fellows that spent approximately 4000 hours in 20 Boston area classrooms exposing over 400 K-12 students to STEM concepts through engineering-based hands-on activities.