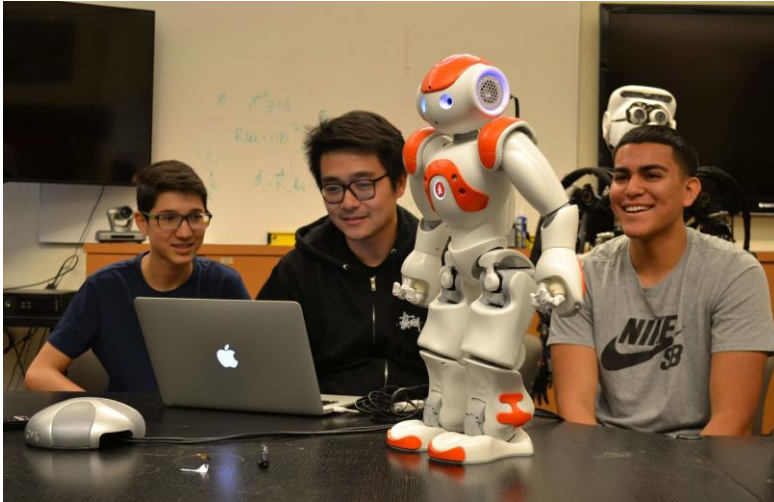
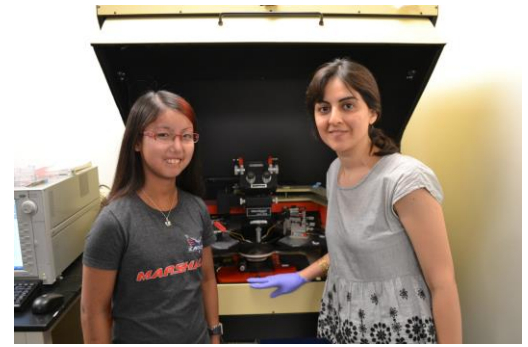


USC
Viterbi
School of Engineering

SHINE
Summer High School Intensive in
Next-Generation Engineering



Opportunity for Ph.D. students to mentor advanced high school students & earn money: June 17 – August 2, 2019

In SHINE, we recruit research-oriented high school students with superior qualifications (June 17 – August 3). The PI (or his/her designated Ph.D. student) selects the final candidates, usually two students/lab if there are two Ph.D. students who want to mentor.

Each Ph.D. student who mentors one SHINE student for those 7 weeks (~15 hrs/week, which includes training for the mentors) earns \$2,000, and the Professor also receives \$500 in M&S for each student. The Ph.D. student does the mentoring, so it's good training, and I run biweekly meetings to help the Ph.D. students stay on schedule without ignoring their own research.

SHINE attracts top students from around Southern California who can provide fairly meaningful help. It is VAST's only fee-based program all year, but 24% of the students come on full scholarship (underrepresented minorities/low income and usually first-generation students)..

Some labs can have one quite senior Ph.D. student or post-doc mentor two students (and earn \$2,000/student, or \$4,000), but we should discuss this in advance. There are some advantages to this for the Ph.D. student, but we don't want the mentoring to interfere with the students' research accomplishments. The Ph.D. student(s) will not be able to travel for more than a few days between June 10 – August 1 (e.g., no foreign travel or missing more than three days in a row).

Next step – Discuss this opportunity with your PI to see if it fits the lab's summer plans, then please contact Dr. Katie Mills at kmills@usc.edu. We will also need to receive [a short, general project description](#) of ~2-4 sentences describing the type of research project and any prerequisites (e.g., physics, calculus, or even behavioral prerequisites like upbeat, organized) you'd like the applicants to have. your lab. Check out the website and ask around other Viterbi Ph.D. students to learn more.

Viterbipk12.usc.edu/SHINE