WTP-ME Instructors for Virtual Summer 2022

**Now Hiring!**

**MUST**
- be a graduate student/recent Masters/PhD with background in Mechanical Engineering
- be available weekdays and occasional evenings + weekends June 25 - July 23.
- have a passion + excitement for inspiring young engineers

**SALARY**
- Full summer TA for registered grad students (or equivalent for graduates paid during 8 weeks)

**WHAT IS WTP-ME?**

A 4-week-long rigorous summer academic experience that introduces 20 rising high school seniors to ME. In WTP-ME, students learn what it is to be an engineer through a flipped classroom approach to problem solving, hands-on work, and intuition development while embracing the unknown and failure as a means toward success. Students experience a glimpse of college life: being independent, working with and building friendships with people from different backgrounds, and experiencing college-level, open-ended curriculum and assignments. A majority of alums report that WTP was a life changing experience, regardless of their chosen college major.

Together, the ME Coordinator (Barbara Hughey), three instructors, and seven residential staff work to ensure a cohesive, rewarding, educational experience for the students. In addition to leading activities, the team members act as good role models for the students, provide them with emotional support and encouragement, and work to ensure their safety and well-being. Summer 2022 will be virtual, as it was in the successful 2021 version, so instructors can teach if not in Cambridge. Being in person to help with shipping in mid June will be helpful, but not required.

**PROGRAM SCHEDULE**

**WEEK 1**
- Classroom activities: ME fundamentals, Intro. to Design Process & building
- Teach or assist 1-3 classes/day & mini design challenges. Evening review sessions if needed

**WEEK 2**
- Final academic classes, poster project
- Continue classes; help organize, assign, and mentor poster projects

**WEEK 3**
- Poster project, hands-on workshops, tours, and engineering showcases
- Organize & run workshops & engineering showcases. Mentor posters

**WEEK 4**
- Grand Design Challenge!
- Mentor student design & build process, possibly some evening hours

**APRIL/MAY**
- Review curricula and attend 1-3 organizational meetings w/ fellow staff

**JUNE 6-10**
- Work independently to finalize curriculum
- Continue classes; help organize, assign, and mentor poster projects

**JUNE 13-24**
- Work with staff to ship materials to students and prepare for students to start
- Poster project, hands-on workshops, tours, and engineering showcases

**JUNE 25-JULY 23**
- WTP is in session! (see above for details)
- Organize & run workshops & engineering showcases. Mentor posters

**JULY 25-29**
- Wrap-up by editing course material and leaving detailed notes for next year

Apply ASAP!
https://tinyurl.com/t5mxkhp