Robotics Research Experiences for Middle School Teachers

a 6+ week summer research experience at the GRASP Lab, University of Pennsylvania

- 10 middle school math/science teachers per year
- 2 teachers per school
- Teachers may apply to repeat program
- $8,000 stipend per teacher for year of effort
- 66 Act 48 hours

- Conduct robotics research in collaboration with graduate students, industry mentors and faculty
- Research in computer vision, human–robot interaction, bio-inspired robotics, multi-robot systems, and robot locomotion

- Develop modules/lessons tied to curriculum
- Complete engineering research coursework
- Penn students and industry visit classroom
- Receive $2000 material support for classroom

More information: https://www.grasp.upenn.edu/programs/research-experience-teachers-ret
Contact: Daniel Ueda <danueda@seas.upenn.edu> for more information
The summer program will run June 25 through August 3, 2018.

*The program will also involve voluntary completion of evaluation materials intended to gather information on the effectiveness of the program. We will be studying the effects of the experience on your pedagogical practices and perceptions of engineering. Participation in this study has no effect on your participation in the RET experience, the stipend, or future work.