

## **Engineering Innovation Teaching Fellow Position**

### **Duties:**

This non-benefits bearing, temporary position will assist Instructors in the Engineering Innovation program with classroom activities. Engineering Innovation is a course that involves lectures, labs, and projects. The teaching fellow and principal instructor will act as a team. Depending on the expertise and interest of each member of the team, a fellow's role may vary.

Teaching fellow responsibilities include lab safety, lab set-up, tutoring, assignment evaluation, project direction, and classroom management. The fellow will work with the instructor to set-up laboratory and run laboratory experiments with students. The fellow will help the high school students with class work and provide extra assistance to individual students as needed. The fellow will use their expertise in teaching of high school students to work with the instructor on classroom management and help the instructor relate curriculum to high school students. Fellows also may be asked to lecture in their areas of expertise. Teaching fellows are expected to follow the Socratic method teaching philosophy of the course of not answering questions, but rather of asking questions, i.e., engaging students to think and participate.

Upon completion of the course fellows (at Maryland sites) will work with the Homewood instructors to grade final exams for all 300+ students participating in Engineering Innovation.

### **Qualifications:**

Undergraduate Degree in a STEM discipline or Education; 3+ years experience working as a High School Teacher in a STEM discipline; excellent classroom management skills; knowledge of Trigonometry and Algebra 2. Contact with students and families may be required.

### **Preferred Qualifications:**

Masters or Bachelors Degree in Engineering and 3+ years experience working as a High School Teacher in a STEM discipline is strongly preferred.

### **Pay Range:**

\$4,000 for the course and \$100 per day of training. Extra compensation will also be given for grading of exams.

### **Contact**

Please send your resume to The Johns Hopkins Whiting School of Engineering, Engineering Innovation, 3400 N. Charles Street, Maryland Hall Room 221, Baltimore, MD 21218, Attention: Lindsay Carroll, or email [engineering-innovation@jhu.edu](mailto:engineering-innovation@jhu.edu). Please call Lindsay Carroll at 410-516-4473 with questions.