**Sponsor:** National Science Foundation (NSF)

**Program:** Research Experiences for Teachers (RET) in Engineering and Computer Science

**Estimated Award Amount:** $600,000 for up to 3 years

**JHU Nomination Limit:** 2 with an engineering focus, 1 with a computer/IS focus; 3 total

For more detailed information: [NSF RET](#)

The Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), have joined to support the Research Experiences for Teachers (RET) in Engineering and Computer Science program. This program supports active long-term collaborative partnerships between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) teachers and community college and university faculty and students to bring knowledge of engineering or computer and information science and engineering as well as technological innovation to pre-college/community college classrooms. The goal of these partnerships is to enable K-12 STEM teachers and community college faculty to translate their research experiences and new knowledge gained in university settings into their classroom activities. The university team will include faculty, graduate and undergraduate students as well as industrial advisors. Involvement of graduate students in support of academic-year classroom activities is particularly encouraged. Partnerships with inner city, rural or other high needs schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities.

As part of the long-term partnership arrangements, university undergraduate/graduate students will partner with pre-college/community college faculty in their classrooms during the academic year to help teach engineering/computer science concepts.

**Eligibility & Requirements:**

- The principal investigator of a RET in Engineering and Computer Science Site proposal must have a full-time, tenured or tenure-track faculty appointment within a College/Department of Engineering or Engineering Technology or a College/Department of Computer and/or Information Science broadly defined (e.g., including HCI, Software Engineering, Networking Science, Informatics)

**Internal Nomination Process:**

Interested applicants should send the following documents in sequence in one PDF to resapp@jhu.edu no later than 4 p.m. on September 27, 2016:

1. JHU Limited Submission Cover Sheet
2. Abstract (one page, double-spaced)
3. Proposal (maximum of four pages of text only, single spaced: 12-pt font and one-inch margins)  
   (Note: figures, tables, and other reference material should not be included as text)
4. Curriculum Vitae of investigator, including current external research support and publications
5. Budget (two pages maximum)
6. Letter of Recommendation from the Department Chair/Director: Letters of Recommendation can be submitted separately to resapp@jhu.edu stating applicant’s name in the subject line)

Each applicant should expect to receive a confirmation of receipt of their materials. If an applicant does not receive an acknowledgement, or has any questions, please contact Brittany McMahon via resapp@jhu.edu.