Opportunity Summary:
This program supports active long-term collaborative partnerships between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) in-service and pre-service teachers, full-time community college faculty, and university faculty and students to enhance the scientific disciplinary knowledge and capacity of the STEM teachers and/or community college faculty through participation in authentic summer research experiences with engineering and computer science faculty researchers. The research projects and experiences all revolve around a focused research area related to engineering and/or computer science that will provide a common cohort experience to the participating educators. The K-12 STEM teachers and/or full-time community college faculty also translate their research experiences and new scientific knowledge into their classroom activities and curricula. 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, veterans, and persons with disabilities.

Eligibility & Requirements:
- The PI 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 [including e.g., Human-Computer Interaction (HCI), Software Engineering, Networking Science, Informatics] within the submitting U.S. academic institution.
- The PI must be a full-time Engineering and/or Computer Science faculty member whose primary job responsibilities are research and teaching and not a faculty member who is involved in an administrative capacity such as a dean or outreach coordinator.
- No more than two of the three proposals may have an engineering focus and only one of the three proposals may have a computer and/or information science focus.

Internal Nomination Process:
Interested applicants should submit the following documents:

1. [JHU Limited Submission Cover Sheet](#)
2. Statement identifying if proposal has an engineering, or computer and/or information science focus
3. Proposal (maximum of two pages of text only, single spaced: 12-pt font and one-inch margins)  
   (Note: figures, tables, and other reference material may be included in addition to the 2 pg. text limit)
4. Curriculum Vitae of investigator, including current external research support and publications
5. Budget (two pages maximum)

Questions? Comments? Email the Research Development Team at resapp@jhu.edu.