Sponsor: National Science Foundation
Program: Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)
Estimated Award Amount: Up to $1,000,000 over 3 years
JHU Nomination Limit: 2
For more detailed information: NSF PFI:BIC

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) supports academe-industry partnerships, which are led by an interdisciplinary academic research team collaborating with at least one industry partner in order to carry out research to advance, adapt, and integrate technology(ies) into a specified, human-centered smart service system. The selected service system should function as a technology test bed. Partnership projects are unrestricted as to domain knowledge and application areas and should be in the translational, pre-commercialization space, building on fundamental research discoveries with the objective of creating or transforming a “smart(er)” service system that has the potential for significant social and economic impact.

Eligibility & Requirements:

- The PI cannot concurrently be a PI on more than one active PFI:BIC award.

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 November 2, 2015:**

1. **JHU Limited Submission Cover Sheet**
2. **Letter of Intent:**
   a. **Synopsis:** In 5000 characters maximum, including spaces, please provide a synopsis that conveys the important aspects of the project, such as information about the areas of expertise that comprise the three required components of this project: 1) engineered service system design and integration; 2) computing, sensing, and information technologies; and 3) human factors, behavioral sciences, and cognitive engineering.
   b. **Additional Information:** three (3) sections of 255 characters maximum:
      - **Test Bed for Technology Integration:** Briefly describe the technology-based “smart” service system and how the technology will contribute to its efficacy.
      - **Primary Industrial Partner(s):** Provide for each: Name, Founding Date, Number of Employees, Location (City & State), Commercial Revenues for the preceding calendar year, and Project Role(s). Reasonable abbreviations can be used.
      - **Human Factors Research Tasks to be carried out which are essential to the operation of the smart service system.** List a few major research activities which illustrate inclusion of human-centered considerations.
   c. **List of partnering organizations - up to four (4).**
   d. **List of Senior Project Personnel - up to four (4) official Co-PIs.**

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 resapp@jhu.edu or call 410-516-5917.