

### Limited Submission

#### National Science Foundation Partnerships for Innovation: Building Innovation Capacity

[http://www.nsf.gov/pubs/2016/nsf16591/nsf16591.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2016/nsf16591/nsf16591.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

#### WVU Internal Letter of Intent Due: **Monday, September 12, 2016**

Agency Letter of Intent Due: October 14, 2016

Agency Full Proposal Due: November 16, 2016

#### Synopsis

The Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) program supports academe-industry partnerships which are led by an interdisciplinary academic research team collaborating with at least one industry partner. In this program, there is a heavy emphasis on the quality, composition, and participation of the partners, including their appropriate contributions. *These partnerships focus on the integration of technologies into a specified human-centered service system with the potential to achieve transformational benefits, satisfying a real need by making an existing service system smart(er) or by spurring the creation of an entirely new smart service system.* The selected service system should function as a test bed. The research components to be included in this project are: 1) engineered system design and integration; 2) computing, sensing, and information technologies; and 3) human factors, behavioral sciences, and cognitive engineering. The proposer must show how these components will be integrated in the context of the project as part of the research plan.

**Budget:** A total budget up to \$1M over 3 years.

**Minimum partnership requirement.** One **primary partner** (either a for-profit or a not-for profit industrial partner aka a corporate or a business partner) **that has commercial revenues is required.** It is essential that a designated minimally-qualifying industrial partner have experience with having brought a product, process, service, or system to the marketplace, thereby providing an informed business perspective to the academe-industry team.

WVU is limited to leadership on two PFI: BIC proposals, thus if you are interested in submitting for this solicitation, you must first submit an internal Letter of Intent (LOI). Depending on the response the Research Office may elect to run an internal selection process.

#### Internal LOI Instructions:

Email to: [Deanna.Whorton@mail.wvu.edu](mailto:Deanna.Whorton@mail.wvu.edu) with subject line: "PFI:BIC" by September 12, 2016

To include:

- PI(s) and Departmental and University/Industrial Affiliations

There are recorded NSF webinars with more details about the program.

<https://www.nsf.gov/eng/iip/pfi/bic.jsp> additionally you may contact [Sheena.Murphy@mail.wvu.edu](mailto:Sheena.Murphy@mail.wvu.edu) with questions.