

Limited Submission NSF EPSCoR

<https://www.nsf.gov/pubs/2021/nsf21518/nsf21518.htm>

Internal Application Due: November 12, 2020

Agency Letter of Intent Due: December 18, 2020

Agency Full Proposal Due: January 25, 2021

Synopsis: This solicitation requires that you must partner with another team from least one other EPSCoR jurisdiction. *Contact the RO if you need help finding a partner institution.* PIs and Co-PIs address the proposed focus which is “**Advancing research towards Industries of the Future to ensure economic growth for EPSCoR jurisdictions**”. Inclusion of a predominantly undergraduate institution (PUI) or minority serving institution (MSI) is strongly encouraged. As well the NSF strongly recommends proposals that foster the career development of diverse early-career faculty

Budget: For two EPSCoR states is \$1M/yr for 4 years; if 3 or more EPSCoR states \$1.5M/yr for 4 years.

Internal Proposal Instructions: Email to: WVU_Internal@mail.wvu.edu with subject line: “NSF-Track 2” by the above internal deadline.

- List all PI and Co-PI(s) and faculty level Senior Personnel with Departmental and University Affiliations (not included in page count)
- Project Description (jargon free): (no more than 3 pages)
 - In a jargon free paragraph what do you propose to do?
 - How will your project provide solutions to address the specific problem of regional or national importance and how will it lead to increased competitiveness for us in this specific research area?
 - Provide the rationale for the specific selection of your team (complementary expertise and resources) and how this combined grouping allows you to tackle the problem more effectively than you would alone. Demonstrate that the PI and co-PIs are active researchers in the focus areas being proposed, with recent publications or extramural awards in the focus area indicating that they can form a sustained collaborative effort. Show how do the research activities in different jurisdictions support a sustained collaborative effort. Demonstrate that the scope of work is such that no single jurisdiction could accomplish the goals individually and show how the collaboration is appropriately balanced.
 - Demonstrate how the team brings together several researchers that have documented outcomes in a particular “Industry of the Future”, and describe how the project moves them towards leveraging the relevant industry to contributing to the economic growth of their jurisdictions?
 - What is the potential for the proposed activities to recruit and/or develop early-career faculty in the focus area of the proposal and prepare them for sustained productivity? What is the potential for the proposed activities to sustain a pipeline of highly skilled students and postdoctoral fellows that can excel in this focus area and succeed in careers in academia and/or industry? How effectively will diverse populations (e.g., of women and underrepresented groups in STEM, persons with disabilities, economically disadvantaged, rural, and/or first-generation college students) and institutions (e.g., minority serving institutions and 2- and 4-year institutions) be engaged in the research and education activities?
 - Jurisdictional Impacts - What is the potential to achieve meaningful and sustained impacts within the jurisdictions with respect to education capacity, economic development, and quality of life?
- Budget outline (not detailed but roughly how much to each institution divided into these categories: salary (specify how much for faculty/staff/student); equipment (what are you buying): and supplies/other. Does not count against the 3 page limit for the narrative.