Artificial Intelligence (AI) has advanced tremendously and today promises personalized healthcare; enhanced national security; improved transportation; and more effective education, to name just a few benefits. Increased computing power, the availability of large datasets and streaming data, and algorithmic advances in machine learning (ML) have made it possible for AI research and development to create new sectors of the economy and revitalize industries. Continued advancement, enabled by sustained federal investment and channeled toward issues of national importance, holds the potential for further economic impact and quality-of-life improvements.

This program solicitation invites proposals for full institutes that have a principal focus in one or more of the following themes, detailed in the Program Description: Human-AI Interaction and Collaboration; AI Institute for Advances in Optimization; AI and Advanced Cyberinfrastructure; Advances in AI and Computer and Network Systems; AI Institute in Dynamic Systems; AI-Augmented Learning; AI to Advance Biology; AI-Driven Innovation in Agriculture and the Food System.

There will be a webinar on September 21, 2020, from 3:30 pm – 5:00 pm. Please register in advance.

Eligibility & Requirements:
- An individual may be designated as senior personnel (which includes but is not limited to PI or co-PI) on at most one project team submitting to this solicitation.
- In accordance with 7 USC 450i(b)(9), if a funded applied Research or Integrated Project with an applied research component is commodity-specific and not of national scope, the grant recipient is required to match the USDA funds awarded on a dollar-for-dollar basis from non-Federal sources with cash and/or in-kind contributions.
- For awards made by USDA-NIFA, Section 1462(a) and (c) of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (NARETPA) limits indirect costs for the overall award to 30 percent of Total Federal Funds Awarded (TFFA) under a research, education, or extension grant.
- For Equipment Grants: The amount of Federal funds provided may not exceed 50 percent of the cost of the equipment acquired using funds from the grant, or $50,000, whichever is less. Grantees are required to match 100 percent of Federal funds awarded from non-Federal sources.

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

1. JHU Limited Submission Cover Sheet
2. 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)
3. Curriculum Vitae of investigator, including current external research support and publications
4. Budget (two pages maximum)

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