The DOE SC program in Advanced Scientific Computing Research (ASCR) hereby announces its interest in funding research and development projects to create an advanced Integrated Computational and Data Infrastructure (ICDI) program. This FOA is composed of two topics.

**Topic A**: “Experimental/Computational/Computer Science collaborations” addresses the challenge of creating collaborative teams of scientists to accelerate science discoveries supported by the SC programs. **Topic B**: “Intelligent Distributed Infrastructure Simulation Capabilities” addresses the challenge of modeling, simulating, and validating the performance of geographically distributed science infrastructures.

Awards under this FOA will develop new software workflows and tools to accelerate the scientific discovery process through the convergence of experimental/simulation data, computational/experimental facilities and a broad community of scientists to both generate high fidelity simulations and steer experiments. It will also develop the modeling and simulation capabilities needed to predict and debug workflow performance in distributed computational and data infrastructures.

**Eligibility & Requirements:**
- Applications to Topic A must be submitted by multi-investigator teams.
- Both single and multiple investigator applications may be submitted to Topic B.

**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.