Dartmouth NSF E-RISE Limited Announcement

Internal Process

2025

NSF Program Summary and Links:

FY26 NSF E-RISE RII (Full RFP 25-522)
The E-RISE RII program supports hypothesis-driven or problem-driven research and fosters the development of research teams and products in a scientific topical area that aligns with New Hampshire's research ecosystem and priorities, as detailed in the New Hampshire University Research & Industry Plan or drawn from other plans, reports, or publications prepared by appropriate authorities or bodies.

E-RISE invites innovative proposals within the chosen research area that will lead to development and implementation of sustainable broad networks of individuals, institutions, and organizations, and that will transform the science, technology, engineering and mathematics (STEM) research capacity and competitiveness in New Hampshire. E-RISE is particularly interested in proposals that justify exploring emerging or interdisciplinary research areas with high potential impact.

E-RISE projects must have a clearly articulated research goal that will lead to new knowledge by addressing a clear hypothesis or problem.

The E-RISE project should promote:
1. areas of research capacity-building within a chosen research topic
2. development of a skilled workforce that is relevant to the research topic, as well as the project and its outcomes
3. a culture of collaboration and engagement across different types of academic institutions and organizations, as well as non-academic sectors (e.g., industry and government)
4. integration of the research with societal impacts
5. a clear sustainability plan to preserve the resulting research incubator's team and products beyond E-RISE funding

Award Duration and Amount
1. Up to seven years, with the initial award for the first four years and the second award for three years based on project performance and review of a renewal proposal.
2. Maximum total budget of $8,000,000 over the first four years and a maximum of $4,500,000 over the subsequent three-year renewal period.

Collaborators
E-RISE submissions should be multi-institutional or multi-organizational, with a lead organization and additional collaborating partner(s), which may include academic and non-academic organizations. E-RISE collaborations must be indicative of building a New Hampshire-wide network of expertise in the chosen research topic.
It is encouraged that the lead institution/organization or at least one collaborative partner be an institution from one of the categories below:
1. Community colleges and two-year institutions
2. Mission-based institutions such as Historically Black Colleges and Universities (HBCUs)
3. Tribal Colleges and Universities (TCUs)
4. Women's colleges

5. Institutions that primarily serve persons with disabilities
6. Institutions defined by enrollment such as Predominantly Undergraduate Institutions (PUIs), Minority-Serving Institutions (MSIs), and Hispanic Serving Institutions (HSIs)

Each collaborating organization must be represented by a PI, co-PI, or other senior/key personnel.

Collaborations with other EPSCoR jurisdictions, non-EPSCoR jurisdictions, and international entities are allowed provided there is significant justification outlining a critical need that cannot be fulfilled in New Hampshire.
However, since EPSCoR program funds may only be allocated for activities and personnel within an EPSCoR jurisdiction, participation of collaborators in non-EPSCoR jurisdictions must be as an unfunded collaborator.
Key Elements of E-RISE RII Projects *(see solicitation* for details)
1) Building of a New-Hampshire-wide network of individuals, institutions, and organizations to develop high-quality research aligned with New Hampshire's scientific priority areas and the EPSCoR mission and goals
2) Collaborative engagement across different institution types and sectors
3) Development of a skilled workforce that is relevant to the project and its outcomes (Workforce Development)
4) Incorporation of use-inspired perspectives and societal impact (SI)
5) Building of a pathway to project sustainability
6) Development of a continual improvement cycle

Dartmouth Internal Process:

Send the following pre-application materials to limitedfunding@dartmouth.edu by the posted internal deadline:

- Overview/abstract of proposal (four page maximum, see content below)
- Total request amount
- Curriculum Vitae (CV)

Overview/abstract contents:

a) Title
The project title must begin with "E-RISE RII:" and follow with an informative title in the topic area.

b) Participating Organizations and PIs
List all the institutions involved in the project and the associated PIs. These may include industry partners.

c) Keywords
Provide five keywords/phrases that describe the scientific focus of the proposed project.

d) Scientific Focus State the scientific hypotheses or research problem to be addressed.
- Briefly describe and justify the project's scientific topic, commenting on the novelty/originality of the proposed approach.
- Describe the alignment of the proposed research topic with the STEM research priorities of the New Hampshire University Research & Industry Plan or as drawn from other plans, reports, or publications prepared by appropriate authorities or bodies.