



Research Capacity Building Seed Grant 2025 Funding Opportunity Announcement

SYNOPSIS

The New Hampshire Long-term Investment to Fuel Transformative Research (NH-LIFT) project is a four-year initiative funded by an EPSCoR award from the National Science Foundation. NH-LIFT is one of six inaugural projects in the NSF EPSCoR Collaborations for Optimizing Research Ecosystems Research Infrastructure Improvement Program (E-CORE). It is administered by the NH EPSCoR State Office.

NH-LIFT aims to foster a collaborative and inclusive research ecosystem that broadens participation, catalyzes innovation, and strengthens New Hampshire's economy.

To support this aim, NH-LIFT is offering two complementary seed grant funding programs intended to build and strengthen research collaborations across NH-LIFT partner institutions and lead to successful proposals for external funding: Collaboration Projects and Catalyst Projects. Activities should be aligned with the NSF broad funding opportunities (more information [HERE](#)).

Collaboration Projects

Collaboration Seed Funds will be awarded to faculty at NH-LIFT partner institutions to build research collaborations with colleagues at other institutions or industry partners and work toward submitting proposals for external funding. The intent is to bring together teams who share similar research interests and expertise to explore how they could co-develop a research collaboration. Examples of activities supported by this seed fund include (but are not limited to) attending a conference together, running a collaboration workshop, offering a shared seminar or lecture series, travel to each other's campus to visit the labs. *This seed fund is not intended to support research activities.* Rather, the purpose is to convene groups of researchers around research topic areas to build awareness and relationships across disciplines, allow for cross-fertilization of ideas with internal and external partners, identify funding opportunities, and address known or anticipated barriers to securing external funding. Funding proposals must include a Primary Undergraduate Institution (PUI) or Community College with preference given to those proposals led by a PUI or Community College. Proposals are encouraged to include more than two collaborating partners and at least one early career researcher.

Catalyst Projects

Catalyst Seed Funds will provide funding for graduate students (MS or PhD) to advance critical research in support of multi-institutional collaborative research projects. These graduate students will support data collection, pilot studies, and other early research collaboration necessary to enable team readiness for publications and proposals. Support should go primarily toward the work

of graduate students (MS or PhD) advancing the research needs of the collaboration. Graduate students involved in the project should be mentored by a faculty member who's part of the collaboration team. Teams must include at least one member from PUI or community college with a significant contribution to the projects. While the participation of undergraduate student researchers is encouraged, Catalyst Project funding should not be used to support their involvement.

Proposals integrating both Collaboration and Catalyst projects are welcome.

Eligibility

Faculty members at NH-LIFT partner institutions are eligible to apply for the Collaboration Seed Grant and the Catalyst Seed Grant. Proposals for Collaborative Projects must include a PUI faculty member, preferably as the Principal Investigator. Faculty members at graduate institutions are eligible to apply for the Catalyst Seed Grant but it is expected that they will have at least one partner at a PUI.

A faculty member may lead only one project but may be involved as a collaborator on another project within a funding cycle.

Teams can choose to apply for one or both Collaborative and Catalyst seed funds. However, while both Collaborative and Catalyst seed funds support multi-institutional collaborations, they have distinct expected outcomes. Collaborative funds provide a pathway to building and advancing new collaborative teams, while Catalyst funds position more established teams for success in seeking external research funding.

Due Date

There is no specific deadline for submission. Proposals will be accepted and reviewed on a rolling basis until all Year 1 funds have been awarded. For project planning purposes, we anticipate up to two months between submission and funding decisions.

Awards

Combined total funding available: \$90,000. It is expected that 6-12 awards will be made from this total.

Project Duration

Proposed projects are expected to be completed with one year of award.

Budget

It is expected that Collaboration projects incur minimal expenses to cover the cost of bringing together people to share research interests and discuss the project concept. Examples of collaboration proposals supported by this fund include (but are not limited to) attending a conference together (domestic only), running a collaboration workshop, offering a shared seminar or lecture series, meeting supplies, travel to each other's campus to visit the labs (mileage, lodging if necessary).

Catalyst proposals may include all the above in addition to graduate student partial stipend or hourly wages, and laboratory supplies required for this project (not general lab supplies).

Stipends, wages, fringe benefits may be requested if not included in the employee's annual contract (ex. CCSNH faculty).

Budgets must comply with guidelines for allowable costs to federal grants. Meals are not considered an allowable cost for these seed grants.

Funds to cover indirect costs will be provided in addition to the direct costs.

Availability of Funds

This funding opportunity is supported by an NSF E-CORE award (#2412054). Availability of funds is contingent upon continued funding from NSF.

Start Date

No sooner than May 1, 2025

Contacts

Questions are encouraged!

- General questions: email amanda.peterson@unh.edu
- Financial question: email susan.higgins@unh.edu

REQUIRED INFORMATION

Proposals that do not include all of the required information will be returned without review. Email documents in one zipped file to amanda.peterson@unh.edu.

Documents related to the NH-LIFT Collaboration and Catalyst Seed Grants can be found on the [NH EPSCOR Website](#)

Cover Sheet

Use the template in the application packet.

Project Description

- Abstract (1 paragraph) that summarizes the project objective.
- Project Narrative – up to three pages. Include:
 - Motivation and rationale for the collaboration
 - Description of activities that will enable collaborative work and knowledge sharing and timeline
 - Collaboration plan that describes how the partners will interact, share information, manage students and make decisions during the project

- Statement of how the project will enhance the ability of faculty to advance toward collaborative publications and proposals for external funding

References Cited

If applicable, in addition to the three-page limit for the narrative.

Budget

Use the budget template provided in the application packet and provide details for each line item. Each institution in a collaborative proposal must submit its own budget. Funds are distributed only to academic institutions.

Rate Sheet

With the exception of UNH and the current partners in NH-LIFT (Keene State College, Plymouth State University, the Community College System of NH, Saint Anselm College, New England College and Antioch University of New England), a copy of the academic institution's current negotiated rate agreement with the federal government must be provided with each budget. UNH and its current partners must apply the indirect cost rate in effect at the time of the NH-LIFT proposal, December 2023.

Academic Institution Approval

Approval of this proposal submission by an institutional authority (sponsored programs office, budget office, financial officer) is required for each institution's budget. Use the template provided in the application packet.

Personnel Documents

Submit an NSF Biosketch for each academic participant using SciEnCV.

<https://new.nsf.gov/funding/senior-personnel-documents>

Review Process

The NH-LIFT PI will convene an internal review panel, composed of three members of the NH-LIFT Leadership Team, to review each Collaboration/Catalyst seed grant proposal. To avoid conflict of interest, reviewers cannot sit on review panels for Collaboration/Catalyst seed grant applications involving their institutions. A rubric will be used to score funding proposals and recommendations will be made to the Leadership Team for approval.

REVIEW CRITERIA

- **Collaboration and Ecosystem Strengthening:** Does the proposed project foster a cross-institutional research ecosystem by building relations that include two or more academic institutions? Does the proposal create an environment of reciprocal collaboration?

- **Role of PUI/Community College Faculty:** Does the proposal include two or more collaborators and align with NH-LIFT's aim to broaden the participation of PUIs and/or Community Colleges? Strong applications should include a project lead from a PUI and/or an early career faculty member.
- **Clarity and Feasibility of Activities:** Are the proposed activities clearly defined and feasible within the proposed funding time frame? Strategies for convening teams, building relationships or catalyzing innovation are demonstrated. Is the time frame for the proposed activity clearly defined?
- **Potential for Future Collaboration:** The proposal describes the potential for a future research collaboration and goals for future funding to sustain the collaboration.
- **Reasonableness and Justification of Budget:** The budget is reasonable and justified for the proposed activities. The requested funds are being appropriately allocated.
- **Aligns with the [New Hampshire Research and Industry Plan](#):** Alignment with the state's Research and Industry Plan is not required, but will be noted when funding resources are limited and/or competitive.

AWARD CONDITIONS

Each awarded team will meet bi-monthly with a representative of the NH-LIFT Early Career Research Working Group and a research development professional from UNH or Dartmouth to discuss progress, work through challenges, and position for external funding opportunities. Updates will be provided to the full working group as needed for further discussion. Each project will submit a final report to the working group upon completion for review and approval.

At the conclusion of the project, the Principal Investigator will provide a summary report (up to three pages) that captures the approach and activities undertaken, progress toward goals, challenges, and plans for the future.

Projects selected for funding will be required to participate in NH-LIFT project management data collection and evaluation activities.

Acknowledgement of support from NSF Award #2412054 is required on all publications, posters, presentations or online or printed materials.