NNE-CTR pilot project funding helped me start a regional database on infants treated with therapeutic hypothermia in Maine and helped me extend this collaboration to Vermont. We have evaluated data on over 300 infants to determine how birth in a non-tertiary care center can affect outcomes. We have also used the funding to establish a telemedicine network throughout Maine, allowing us to see and virtually examine babies immediately after a traumatic delivery to determine eligibility for the hypothermia treatment. The next goal is to use this preliminary data to apply for ongoing federal funding at NIH."

– Alexa Craig, M.D., Maine Medical Center

The NNE-CTR Pilot Project program funded our studies to examine functions of a novel class of molecule that we observed was increased in aggressive breast cancer cells. Access to the next-generation sequencing resources and expertise within the Translational Research Technologies Core (TRTC) allowed us to assess the biomarker potential of these small molecules in blood samples collected from at-risk women who have or have not developed breast cancer. Additionally, we received beneficial feedback during regular Pilot Project program meetings."

- Janet Stein, Ph.D., UVM Larner College of Medicine

The Professional Development Core hosted an R01 and K-award grant writing workshop focused toward young/junior investigators. The Pilot Project award further promoted career development by facilitating the opportunity to mentor graduate students and receive mentorship guidance. The knowledge and experience gained are invaluable components of my postdoctoral training."

– Nick Farina, Ph.D., UVM Larner College of Medicine



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A consortium dedicated to enhancing collaborative biomedical research activities for the improvement of human health.



About NNE-CTR

The Northern New England Clinical & Translational Research Network (NNE-CTR) was established in 2017 with a multi-million dollar grant in order to support infrastructure and expertise needed for clinical and translational research, and to support innovative studies that will ultimately improve health outcomes in our region. The Network is supported by the National Institute of General Medical Science through their Institutional Development Award (IDEA) Infrastructure for Clinical and Translational Research Program.

NNE-CTR Goals

- Improve the infrastructure and support for clinical and translational research in Maine, Vermont, and New Hampshire.
- Increase clinical and translational research capacity and efficacy by establishing collaborative and synergistic transdisciplinary research partnerships among the NNE-CTR institutions that emphasize health problems endemic in the rural populations of northern New England, including addiction, cancer, and cardiovascular disease, as well as the barriers that compromise rural healthcare delivery.
- Establish innovative training, mentorship and professional development programs to enable clinical and translational scientists at the NNE-CTR institutions.
- Develop infrastructure and identify resources to support community healthcare practices and practice-based primary care research networks, particularly in rural areas.
- To engage clinical, community, public health and other stakeholders in the development and conduct of research relevant to the health needs of northern New England.



Lead Institutions

- Maine Medical Center Research Institute (MMCRI)
- University of Vermont (UVM)

Partnering Institution

• University of Southern Maine (USM)

Collaborators

- Dartmouth Primary Care Cooperative Research Network (Dartmouth COOP)
- SYNERGY CTSI Community-Engaged Research Core, Dartmouth College

Affiliated Institutions

- Tufts University School of Medicine, Clinical and Translational Science Institute
- Dartmouth College, Geisel School of Medicine

The NNE-CTR Can Help Make Your Research Career Goals Achievable

- Funding is available for investigator-initiated clinical and translational research projects, emphasizing multi-disciplinary, multi-institutional collaborative projects, via the **Pilot Projects Program**.
- Expertise with study design, study conduct, and the use of computationally-intensive technologies, including biostatistical analyses and database development, is available from the Clinical Research Design, Epidemiology and Biostatistics Core.
- The NNE-CTR offers mentorship and educational opportunities for career advancement via the **Professional Development Core**.
- Access to advanced instrumentation, experimental design and analysis for genomic, proteomic, and metabolomic investigation are offered through the **Translational Research Technologies Core.**
- Opportunities for research collaboration between academic centers and community practices in northern New England through the **Rural Health Research and Community Engagement Core**.

For more information, visit the NNE-CTR website: www.nne-ctr.net