



NCRR Administrative Supplements to Advance Translational (T1 & T2) Research

Purpose:

To support supplemental projects that will enhance current NCRR-supported research, technology development, training and dissemination. NCRR has particular interest in applications that bring together expertise, infrastructure, and resources from different programs or disciplines to enhance research and capacity building. Also of interest are enhanced dissemination and implementation of discoveries across the spectrum of biomedical and behavioral science, from the laboratory to clinical investigation and translation of research advances into clinical practice.

Goals and Objectives:

This initiative will provide administrative supplements to support innovative research activities and infrastructure improvements that enhance collaborations, technologies, methodologies, approaches, resources, and/or capacity to facilitate translation across the research continuum, from basic discovery all the way to clinical practice. Translational and clinical research benefit from partnerships and networks among investigators, effective resource sharing, productive communications and collaborations, and innovative approaches to create an inclusive matrix with shared expertise that is much greater than the sum of each individual knowledgebase. Networking across NCRR supported programs is encouraged. Investigators may wish to consider linkages between similar or related programs that address a shared research need within or between institutions.

Advance Translational Research Administrative Supplement Guidelines:

- All NCRR domestic (United States) grantees are eligible to request a supplement under this initiative. Domestic (US) institutions/organizations who are planning to submit applications that include foreign components should be aware that requested funding for any foreign component should not exceed 10% of the total requested direct costs or \$25,000 (aggregate total for all subcontracts and subawards), whichever is less.
- NCRR will look most favorably on requests that are less than \$500,000 Total Costs (direct cost plus F&A) per year. NCRR may consider supporting a limited number of requests between \$500,000 and \$1,000,000 Total Costs (direct cost plus F&A) per year with strong justification.
- One and two year supplement applications will be considered. NCRR will support one or two supplement years based on the review and availability of funds.
- The annual direct cost of the Supplement Request cannot exceed the direct cost per year of the parent award.
- Each parent grant may only submit two applications for this Advance Translational Research Administrative Supplement.
- The aims of the Administrative Supplement must be within scope of the parent award.
- Requests may include up to \$500,000 for alteration and renovation projects and up to \$100,000 for equipment, however the Total Cost of the supplement cannot exceed the limits set above. Sub-contract awarding is allowed.
- Please find [Selection Factors for Administrative Supplements here](#).

Examples of responsive projects include, but are not limited to:

A. Discovery and translation

- Enhance or accelerate NCRR supported research, technology development, training and dissemination
- Integrate tools, technologies or methods to address a complex problem or to provide greater accessibility and utility
- Enable and enhance affordable and flexible technologies and resources to apply to translational research, which includes moving technology innovations from basic research laboratories to clinical settings (can include engineering, instrument construction and sharing, characterization and sharing of animal models, cross-training of investigators into clinical research activities, etc.)
- Integrate technology platforms and information systems for phenotyping and for examining the relationship of genotype to phenotype, including systems biology and systems medicine approaches
- Networking, evaluation, and integrative software tools, and collaborative demonstration projects across multiple research sites involving aggregation, annotation, and/or distributed analyses of large data sets
- Translational pilot programs for bridging to human studies that require animal models
- Collaborative pilot projects that address health disparities and encourage bi-directional flow of information and ideas between researchers and affected communities
- Comprehensive project management support, including assistance with technology and product development, clinical trial design, regulatory compliance, reimbursement, intellectual property (IP) and marketing research, technology transfer and identification of funding to bring new products to market
- Linked applications between grantees that have similar research aims to enhance a shared scientific goal.

B. Research infrastructure and capacity building

- Enrichment of interdisciplinary teams, especially at the crossroads of mathematics, physics and medicine
- Enhancement of consortium based activities that link common or complementary functions among institutions
- Expansion/extension of local and regional high-speed information and communications networks for research, education, and training in IDeA states and/or at RCMI institutions
- Strengthening computational capacity at developing institutions to expand access to databases and other Web-enabled resources, including bioinformatics tools and training, and to facilitate research collaboration, remote access to high-end instrumentation, distributed data analysis, and data back-up/disaster recovery
- Basic biomedical and behavioral research projects in smaller and developing institutions such as minority-serving institutions, baccalaureate institutions, and tribal colleges and universities
- Collaborations in information technology to facilitate basic, clinical, and/or translational research
- Alteration and renovation projects and small equipment items to facilitate collaborative research at grantee institutions and/or community partner sites