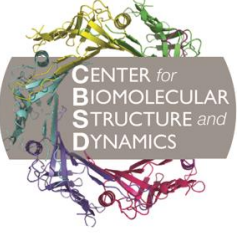


NIH CBSD CoBRE Phase III Mini Pilot Project Proposals

	<p>Applications Due Date: Rolling deadline Anticipated CBSD Approval Period: About 1 week Anticipated Start Date: Within 1 week of approval</p>
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NIH Center of Biomedical Research Excellence in Biomolecular Structure and Dynamics

(<https://www.umt.edu/center-biomolecular-structure-dynamics/default.php>)

Summary: Some projects that request vouchers for use of a particular core, to obtain preliminary data for a grant, require multiple \$1,000 vouchers to achieve the goals of the project. This often becomes evident in the course of pursuing work using an initial core voucher. The need to request multiple vouchers can cause a project to start and stop leading to considerable inefficiencies in obtaining preliminary data for a grant proposal. To deal with this circumstance, the Center for Biomolecular Structure and Dynamics (CBSD) Center of Biomedical Research Excellence (CoBRE) has implemented a Mini Pilot Project Program during Phase III CoBRE funding. The cost of the proposed scope of work should fall into the range of \$3,000 - \$5,000 in direct costs and is limited exclusively to the cost of core services. Applications must describe a small research project that fits well with the scientific theme of the CBSD and should provide preliminary data for a substantial extramural research grant application. Mini Pilot Project funding is open to all full-time research, tenure-track or tenured faculty at the University of Montana, with some restrictions (see **Eligibility**).

Eligibility: Faculty investigators of any rank are allowed to lead Mini Pilot Projects. Individuals holding postdoctoral training positions are not eligible to lead Mini Pilot Projects. Faculty who hold a current Pilot Project grant will not be eligible for a Mini Pilot Project (unless funds have been completely expended or the proposed project is clearly distinct from the goals of the Pilot Project).

Project areas that fall within the scientific focus of the CBSD include but are not limited to:

- Structural, biochemical or biophysical studies of macromolecules in the context of their *in vitro* or *in vivo* activity;
- Design or development of small molecule models of macromolecular function (e.g., catalysis); small molecules that interact with, inhibit or activate macromolecules in the context of their *in vitro* or *in vivo* activity;
- Computational studies of protein or nucleic acid structure and function, preferably when combined with experimental studies; computational analysis of DNA or amino acid sequence aimed at elucidating protein or nucleic acid structure, function or evolution;

Criteria for evaluation of Mini Pilot Project applications:

- Likelihood of the project becoming competitive for independent NIH or NSF funding;
- Likelihood of the proposed work leading to a publishable result;
- Relevance to the CBSD theme (see above);
- Clarity of the Statement of Work for use of the CBSD Core Facility (<https://www.umt.edu/center-biomolecular-structure-dynamics/facilities/default.php>);
- No overlap with currently funded research;

General Terms and Conditions of CBSD CoBRE Mini Pilot Project Awards:

1. Funds may be used only for core facility use.
2. Investigators who receive CoBRE Mini Pilot Project support are welcome, and encouraged, to participate in the MBS seminar series which hosts the regular research meetings of the CBSD, and in seminars, workshops and other special activities organized or sponsored by the CBSD.
3. The project must be completed within 6 months of the start date of the Mini Pilot Project award or by the end of the grant year (July 31 of each year of the CoBRE grant).
4. A progress report (ca. 1 page in length including publications, presentations, grant applications submitted or awarded) is required from each investigator who receives a CoBRE Mini Pilot Project award. It will be due on or near April 15th of each year for inclusion in the CoBRE annual report. If the Mini Pilot Project is not completed in time for this deadline, the report must be submitted 30 days after the project end date.
5. PIs agree to submit grant applications that are based on data or results obtained from the CBSD Mini Pilot Project through the CBSD (The Center shares IDCs with the PI's home department) and are encouraged to attend a Hot Water Grant Writing workshop when they prepare their proposal.
6. PI agrees to cite P30 GM140963 in any publication that results from this award.
7. Term and budget adjustments: The CoBRE Director reserves the right to make term and budget adjustments in accordance with the intent of the CoBRE-CBSD program and NIH policies concerning scientific overlap of projects. For example, the budget may be adjusted if the project is likely to extend beyond the current grant year.
8. Unanticipated new requirements: by accepting CoBRE funds, awardees agree to comply with any and all requirements not already mentioned that may be imposed on the CBSD CoBRE by NIH or other institutional authorities.

NOTE: Prospective applicants with questions about eligibility, program details, or the "fit" of their project to the CBSD theme are encouraged to contact Dr. Bruce Bowler (406-243-6114; bruce.bowler@umontana.edu).

TO APPLY:

- The main components of the application are a brief exposition of Background and Significance (focusing on evaluation criteria) and a Statement of Work written in conjunction with a CBSD-supported core facility that outlines the work that the core will carry out, the anticipated time to complete the project, and a justification for the cost based on the fee structure of the core facility;
- The Application should be compiled as follows:
 - Cover Page (use form page below)
 - Research Plan (2 page maximum) should have the following components:
 - Background and Significance
 - Approach
 - Preliminary data (if any; not required)
 - Statement of Work
 - Anticipated Results
 - Plans for a Research Proposal
 - Discussion of how the Anticipated Results will support a future application for an NIH, NSF (or equivalent) research project grant;
 - Bibliography (short, no more than 5 references);
 - Itemized budget, prepared in consultation with Core director or manager and justification of costs not specified in Core Facility Schedule of Fees.
 - If the project involves radioactive material, recombinant DNA or other hazardous materials the PI must provide evidence that appropriate committee approvals are in place and that the work can be carried out safely by the core.
 - Please note the following:
 - Follow formatting guidance for NIH grants (generally, Arial 11 point font, 0.5" page margins). Smaller font acceptable for figure legends, if legible at 100% scale.
 - All figures and lettering must be large enough to be clearly legible at 100% scale.

Please compile application into a single PDF document

Send all application materials by email (or address any questions) to Bruce Bowler (bruce.bowler@umontana.edu; 406-243-6114)

- If selected for funding, applicants will be required to furnish copies of all relevant compliance approvals (radioisotopes, recombinant DNA, etc.) as appropriate.

Cover Page

CSBD Mini Pilot Project Application

Title:

PI:

Core:

Proposed Budget: \$

Signatures:

PI: _____

Core Director/Manager: _____