



FY24 Student Seed Grants: Request for Proposals

Eligibility

All full-time trainees (postdoctoral associates, undergraduate & graduate students) associated with the Center for Multiscale and Translational Mechanobiology (CMTM) at Boston University are invited to apply.

Priority will be given to trainees and labs that participated in the CMTM 2023 Summer Exchange Program, although all are encouraged to apply. Collaborative proposals between multiple labs encouraged.

Award Mechanism

The CMTM student seed grants are intended to stimulate innovative research in mechanobiology. Proposed projects should have a focus on one or more of the following areas:

- The continuation of projects identified during the summer exchange program
- Research in mechanobiology that spans and integrates multiple length scales and/or multiple time scales
- Translational research driven by mechanobiology principles
- Research that develops and/or heavily uses mathematical modeling to help understand and predict mechanobiological phenomena

Funds must be used to accomplish specific research tasks and can be used to support supplies and/or equipment. Applicants may request up to \$5,000 total award amount, and all funds must be expended by May 31, 2024. The Center expects to award up to four student seed grants this fiscal year, FY 2024.

Proposal Guidelines and Application Instructions

Applications are **due Wednesday, October 31, 2023 by 5 p.m.**, and must be submitted through the CMTM website: <https://www.bu.edu/mechanobiology/cmtm-fy21-student-seed-grant-application/>

Applications should include the following:

1. Name and contact information for participating trainee(s) and associated PIs/labs
2. Project Title
3. Amount Requested
4. Research Focus for project (from bulleted list above)
5. Project Abstract (250 words or less)
6. Project Description (2 pages maximum, 11pt or higher font, PDF)
 - For any proposed collaborations, please include a brief description of the role of each trainee and faculty member involved.

7. References Cited (11pt or higher font, PDF)
8. Biosketch or CV for each participating student PI (NIH or NSF format, PDF)
9. Budget (Not to exceed \$5,000; please use provided Excel template, available at <https://www.bu.edu/mechanobiology/cmtm-fy24-student-seed-grant-program/>)
10. Budget Justification (1 page maximum, PDF)
11. Lay Summary (150 words maximum, PDF)

Application and Review Timeline

Action	Date
RFP Released	Mid-September 2023
Letter of Intent Due	October 10, 2023
Proposals Due	October 31, 2023 by 5 p.m.
Review Period	November 1 – 8, 2023
Award Announcements	November 15, 2023
Inaugural Year Award Period	December 1, 2023 – May 30, 2024

Letters of intent to apply are not required, but are strongly encouraged so that CMTM can plan the review process. Letters should include what lab/labs the trainees would work in and a draft title of their project.

For questions about the award or the submission process, please email mechanobiology@bu.edu.