



**Boston University**  
**Center for Multiscale & Translational Mechanobiology**  
**FY25 Seed Grants: Request for Proposals**

**Eligibility**

All full-time faculty in the professorial ranks (assistant, associate, or full) associated with the Center for Multiscale and Translational Mechanobiology (CMTM) at Boston University may apply.

Proposals must be for collaborative projects involving two or more faculty within the Center. Collaborative proposals between multiple departments, colleges, and/or campuses are highly encouraged.

**Award Mechanism**

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

- 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 may be used to support graduate student stipends and associated fringe, postdoctoral associate salaries and associated fringe, laboratory supplies, and/or equipment. Applicants may request up to \$25,000 total award amount with a start date of November 1, 2024, and all funds must be expended by October 31, 2025. Budgets should include fringe where applicable, but cannot include F&A costs. The Center expects to award up to four seed grants for the 2025 fiscal year.

**Proposal Guidelines and Application Instructions**

Applications are **due Monday, September 30th by 5 p.m.**, and must be submitted through the CMTM website: <http://www.bu.edu/mechanobiology/programs/fy25-seed-grant-program-application/>.

Applications should include the following:

1. Name and contact information for participating PIs
  - a. At least two PIs must collaborate in the project
  - b. Cross-department and cross-campus collaborations strongly encouraged
2. Name and contact information of department administrator (if applicable)
3. Project Title



4. Amount Requested
5. Research Focus for project (from bulleted list above)
6. Project Abstract (250 words or less)
7. Project Description (3 pages maximum, 11pt or higher font, PDF)
8. References Cited (11pt or higher font, PDF)
9. Biosketch for each participating PI (NIH or NSF format, PDF)
10. Other Support for each participating PI (NIH or NSF format, PDF)
11. Budget (Not to exceed \$25,000; please use provided Excel template, available at <http://www.bu.edu/mechanobiology/programs/fy25-seed-grant-program/>)
12. Budget Justification (1 page maximum, PDF)
13. Lay Summary (150 words maximum, PDF)

#### **Application and Review Timeline**

Action	Date
RFP Released	August 16, 2024
Emails Expressing Interest	Late August 2024
Proposals Due	September 30, 2024 by 5 p.m.
Peer Review Period	October 1-11, 2024
Award Announcements	October 21, 2024
Inaugural Year Award Period	November 1, 2024 – October 31, 2025

For questions about the award or the submission process, please email [mechanobiology@bu.edu](mailto:mechanobiology@bu.edu). Letters of intent to apply are not required, but an email expressing interest would be appreciated for planning the review process.