



Center for Multiscale & Translational Mechanobiology

FY21 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, and all funds must be expended by August 31, 2021. Budgets should include fringe where applicable, but cannot include F&A costs. Seed grant proposals will be reviewed by a committee of faculty. The Center expects to award up to four pilot grants this year, the inaugural year.

Proposal Guidelines and Application Instructions

Applications are **due Wednesday, September 23, 2020 by 5 p.m.**, and must be submitted through the CMTM website: <http://www.bu.edu/mechanobiology/programs/fy21-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/fy21-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	Early August 2020
Emails Expressing Interest	Early August through September 18, 2020
Proposals Due	September 23, 2020 by 5 p.m.
Peer Review Period	October 1 st – 9th, 2020
Award Announcements	October 14, 2020
Inaugural Year Award Period	November 1, 2020 – August 31, 2021

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