

Call for Applications: Innovative Models for Undergraduate Research (IMUR)

Applications due: **January 10, 2022**

Program start: **January 31, 2022**

Spring 2022 - Fall 2022

The **Innovative Models for Undergraduate Research (IMUR) Faculty Fellows Program** is designed to support faculty in exploring and developing innovative models for undergraduate research and creative inquiry. The traditional model of undergraduate research is usually limited to specific disciplines and involves a 1:1 model of mentor to undergrad researcher that does not adequately scale. Unfortunately, this limits the number and breadth of students who can benefit from this high-impact and pedagogically promising practice. And, participating students do not always have consistent experiences or clear outcomes.

Co-coordinated by the **Eberly Center** and the **Undergraduate Research Office (URO)**, IMUR gathers a faculty cohort from across all CMU Schools/Colleges to imagine and implement inclusive, aspirational, and innovative undergraduate research experiences that are scalable and that open new opportunities for student learning and engagement. We are intentionally interpreting "undergraduate research" broadly -- anything that helps give undergraduates deliberate practice at developing essential skills for research or creative inquiry within or across disciplines. Fellows' projects unfold over three phases:

Phase 1: Develop

(Spring 2022):

Fellows engage in exploratory design and planning sessions to further develop their undergraduate research model.

Phase 2: Implement

(Summer 2022):

Fellows implement their plans and collect data on impact, while continuing to meet with their cohort to exchange lessons learned and troubleshoot challenges.

Phase 3: Document

(Fall 2022):

Fellows use the data collected in Phase 2 to iterate on their initial designs, with an increased focus on transferability and sustainability.

Fellows will be supported by their cohort as well as the **Eberly Center** and **URO** at all phases of the program.

Funding

Through the generous support of the **Arthur Vining Davis Foundation** and the **Porges Undergraduate Research Fund**, each Fellow will receive a **\$4,000 stipend** to attend regular meetings and work closely with **Eberly Center** and **URO** colleagues for the duration of the program to invent, implement (with a cohort of students), and iteratively refine their undergraduate research model. Projects proposed by teams must be prepared to split a maximum of two stipends and commit at least two team members to attend all program meetings. All projects will be implemented with a 99-520 course number (even if the model is not a traditional course format per se), and Fellows will be compensated for the teaching overload based on enrollment (minimum of 10 students).

For projects that continue into the Fall semester, financial support is only available for the Summer semester of implementation. The IMUR team, however, will continue to support you in collecting data and refining your implementation through the second semester.

Eligibility

- Any full-time teaching-, tenure-, or research-track faculty member or staff member with related job responsibilities is welcome to apply.
- No previous experience leading undergraduate research is necessary, and we especially encourage faculty from disciplines that do not historically conduct undergraduate research projects to apply!
- Projects must be implemented as a 99-520 course in U22 and must support a minimum of 10 students.

www.cmu.edu/teaching/

Eberly Center for Teaching Excellence & Educational Innovation

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Carnegie Mellon University

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Expectations

This three-phase fellowship program involves a regular commitment from the Fellows:

- attend regular 60 minute meetings with the other Fellows through all three phases (S22-F22),
- participate in asynchronous activities to support the monthly meetings,
- consult with IMUR team members monthly on your IMUR model,
- collect data (with Eberly's help) on faculty and student learning gains and experience, with at least one direct measure of student outcomes,
- contribute materials and resources to help develop an IMUR toolkit, and
- disseminate one's project (or part thereof) to CMU colleagues.

Applications and Submissions

Download the [Application Template](#) and answer the questions.

Submit your application as an email attachment to eberly-assist@andrew.cmu.edu:

1. Submit a **.pdf** file.
2. Name your file **LASTNAME_IMUR.pdf**
3. Subject of your email should be: **Innovative Models for Undergraduate Research Application**

Application due date: January 10, 2022

If you have questions about the application or the fellowship, email Jacqui Stimson, Senior Teaching Consultant (jstimson@andrew.cmu.edu). We encourage you to request a consultation on your project idea prior to submitting a proposal.

Fill out the [Application Template](#) today!