

**FRANKEL CVC PULSE GRANT**  
**Michigan Biological Research Initiative on Sex Differences**  
**in Cardiovascular Disease (M-BRISC) PULSE Grant**  
**Request for Applications**

**Purpose**

The Frankel Cardiovascular Center (FCVC) **M-BRISC PULSE Grant (Progressing Urgent Leads for Sex-informed CVD Etiologies)** mechanism is an internal grant opportunity specifically designed to build on or create new pilot data that is likely to lead to further development of the pilot area with the eventual goal of development of enough data for securing extramural funds for a complete research project.

The Frankel Cardiovascular Center M-BRISC Program will support innovative basic, translational, or clinical projects that encompass the fundamental biology of sex differences as it applies to cardiovascular physiology of disease. Those submitting proposals must have a primary appointment within the University of Michigan and be a member of the Frankel Cardiovascular Center faculty. Applications from postdoctoral fellows and doctoral students who are mentored by Frankel Cardiovascular Center faculty members will also be considered. These trainees are encouraged to apply in collaboration with their mentor.

Successful projects will be those with the greatest potential to develop into high impact publications and long-term focused research, leading to extramural funding and advances in human health.

Funding awards will be up to \$10,000 per proposal and applicants will be subject to a one award maximum per fiscal year. The PULSE Grants are meant to promote the initiation of a promising process or support an ongoing project.

**Evaluation Criteria**

This grant mechanism is intended to support the development or expansion of pilot data with strong potential to advance a clearly defined area of research. Proposals will be evaluated by the review committee based on the potential to transform academic medicine. We are looking for innovative approaches to understanding sex differences in cardiovascular disease. Applications will be evaluated based on the following criteria:

- **Clarity of Research Focus:** The proposal should articulate a well-defined research question or hypothesis with a clear rationale and relevance to the field.
- **Potential for Impact:** The proposed work should demonstrate potential to significantly advance knowledge or innovation in the specified area of research.
- **Feasibility and Methodological Rigor:** The project design should be methodologically sound and feasible within the proposed timeline and budget.
- **Preliminary Data Development:** Priority will be given to proposals that are likely to generate high-quality preliminary data suitable for supporting future applications for internal or extramural funding.
- **Alignment with Program Objectives:** The proposal should align with the overarching goals of the program in supporting foundational work that leads to full-scale, externally supported

research.

### **Application Procedures**

Applications are limited to 2 pages (a third page may be used for the budget), 12-point type, 1-inch margins. IRB and/or UCUCA approval are necessary for grant funds to be released, but applications without such approvals will be considered. Applications are submitted on a rolling schedule via email to [MBRISC-Info@med.umich.edu](mailto:MBRISC-Info@med.umich.edu). Limit of one application per fiscal year per investigator.

### **Application Requirements**

Applicants must specify no more than 1 to 2 hypothesis and include the following information:

- I. Proposal Title
- II. Principal Investigator / Project Team
- III. Other Key Personnel
- IV. Abstract/Summary
- V. Aims/Goals
- VI. Budget

### **Budget Requirements**

A budget justification that includes specific expenses, is required, with some level of granularity. Budget requests may not include:

- The purchase of new equipment (defined as purchase greater than \$5,000)
- Faculty effort
- Any recurring annual expense (including service contracts)

### **Post Award**

Applicants who have received a PULSE grant award must submit a single paragraph status update detailing current progress.

When publishing work related to funding received for this award, please acknowledge funding as follows:

*“This work was supported in part by the Michigan Biologic Research Initiative for Sex Differences in Cardiovascular Disease (M-BRISC) program at the Frankel Cardiovascular Center, University of Michigan”*

Please submit proposals through Competition Space. Questions can be directed to [MBRISC-info@med.umich.edu](mailto:MBRISC-info@med.umich.edu).