Dean’s Research Grant Support

“Dean’s Transformational Science Award”

**Goal:** To fund transformational science initiatives from JMC faculty members, and to generate data in support of new or longstanding areas of basic and clinical/translational research; this grant mechanism is open to individual and multi-investigator proposals

**2 submission cycles/year**

**Submission dates:** second Monday of January and July

**Award dates:** March 1 and September 1

**Award range:** $25K-$50K

**Length of award:** 1 year

**Review:** by the "Dean’s Transformational Science Award" Subcommittee of the Dean’s Committee on Research (COR)

- Review process will include input from JMC faculty at-large with relevant expertise
- NIH study section scoring system and critique format will be used for evaluation and provided to the investigator
- Funding recommendations will be made by the COR to the Dean
- Final funding decisions by the Office of the Dean

**NIH Style Biosketch**

The biosketch must contain a personal statement relevant to this application that addresses why the proposal is being submitted and why the investigator expects to be successful. This statement should show that the investigator has appropriate experience and training, ongoing record of accomplishments and how these accomplishments have advanced the investigator’s field of study. If this is a multi-investigator project, a biosketch should be submitted for each investigator. For such collaborative projects the personal statements should include comments on the investigators’ complementary and integrated expertise, any evidence of previous research successes from this collaboration, and programmatic funding envisioned down the road.

**Justification - ½ page**

This section should be considered a very important aspect of the proposal. The content should address why this proposal should be considered for funding through the Dean’s Transformational Science Award mechanism. Please do not include in the justification statement the information is part of the Innovation or Significance sections of the proposal. Each section should stand on its own. Instead, consider including such information as how the goals of your grant proposal will contribute to the institutional and departmental missions and make possible the accomplishment of your individual research, as well as larger institutional programmatic goals.
NOTE: Please pay particular attention to the Justification Section as grants will be triaged by the COR prior to being sent for review based on appropriately addressing the guidelines for Justification.

**Specific Aims – not to exceed 1 page**

**Introduction – For resubmission only**
Include a one page introduction explaining how you have addressed the reviewers' comments.

**Research Strategy – not to exceed 4 pages**

*Significance.* How does the project address an important problem or a critical barrier to progress in the field? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field and lead to extramural grant funding?

*Innovation.* Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are these novel to one field of research or in a broader sense?

*Approach.* Present a well-reasoned strategy, a brief methodology section that gives confidence in the proposed approach, how the data will be analyzed, and how the approach will accomplish the specific aims of the project. Include potential problems to achieving the goals of the project and what benchmarks will be used to determine success. The strategy must address feasibility. The approach must include a discussion of how the limited studies proposed in this intramural application fit into and enhance the bigger picture of the investigator’s research goals.

*Expected Outcomes.* Specify expected scientific outcomes and the planned return on investment – how the results that are obtained from the proposed study will enhance the research mission of both the investigator and Jefferson. This section should include a detailed discussion of the expected return of JMC’s investment in this proposal, including expected future extramural grant support.

**Budget and Budget Justification**
Include a detailed budget of the funds that are requested to accomplish the goals of the proposal and a separate page that clearly justifies all requests. For successful proposals the level of funding will be recommended by the subcommittee and determined by the Dean.

**Follow-up reporting**
Funded proposals will be required to submit follow-up progress reports at 6 months, 1 year, 1.5 years, 2 years, and 5 years from the date of the award, that will document discoveries, advances to the field, publications, abstract submissions, patent applications and submitted/awarded extramural grants made possible by these funds. This documentation will provide metrics that will be used to evaluate the success of this grant mechanism.