

FACULTY DEVELOPMENT COMMITTEE
APPLICATION FOR RESEARCH FUNDS

Applicant: **Isaac Newton**

Email Address: **isaac.newton@mga.edu**

School/Department: **Natural Sciences**

Position: **Professor of Physics**

Date: **12 May 1684**

Purpose of Funds:

- New Research Project
 Further Development of a Current Research Agenda

Purpose of the Research Project: (publication, building a dataset, etc.)

Publication

Time Frame for Completion: **5 July 1687**

IRB Board Approval: Yes

Travel Dates (if necessary): **1 August 1684 to 6 August 1684**

Total Estimated Cost: **\$4430.00**

Applicant Signature: _____

Date: _____

Department Chair/Dean Signature: _____

Date: _____

Application Received by Faculty Development Committee

Date: _____

Please complete the following application and submit to your Department Chair/Dean for signature approval. Applicant is responsible for submitting signed application to the Chair of the Faculty Development Committee by the appropriate deadline.**

** IRB Board Approval is NECESSARY for all Research Grants involving Human Subjects – IRB approval will need to be attached to this application if your research involves human subjects

** Only Full-time tenured and tenure-track faculty members are eligible for Faculty Development funds.

** Deadlines are as follows: Fall – September 15th Deadline
Spring –February 15th Deadline
Summer – April 1st Deadline

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My participation in this research project will affect my professional development as a scholar in the following way:

- Assist me in getting professional recognition and attention for the school
- Increase my publication potential and ability to participate with local media or other outlets
- Collaborate with others within my field to increase my scholarly activity
- Help satisfy my duties as part of my annual evaluation
- Other

Briefly Explain: (100 word limit)

My research project aims to produce a set of fundamental laws that govern the motion of bodies including celestial objects such as the moon and planets. These laws contradict current ideas that were established by Aristotle 2000 years ago. These ideas will fundamentally change the field of natural philosophy and lead to greater understanding of our natural world.

My plans are to publish my research in a book titled, Philosophiæ Naturalis Principia Mathematica. I need to confer with members of the Royal Society in England to continue my research. I also need to construct a new optical telescope to collect more precise data.

Briefly explain how you will share this information with the college and how you plan to do this. (50 word limit)

I plan on giving a department colloquium detailing my progress towards the laws of motion in the fall semester. A college wide presentation would be appropriate if the associated publication is well received by the scientific community

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Itemized Budget

Item producing cost Estimated Cost

Memberships \$150

Travel to location (If flying, cost of ticket. If driving, mileage) \$1800.00

Other NA

Transportation \$180.00

Meals (calculated per diem) \$50.00 per diem, \$300.00 total

Lodging \$1000

Miscellaneous expenses (e.g. equipment, software, etc.) \$1000 (Telescope Parts)

Total Cost \$4430.00

Sources of funding Estimated Funding

Department Unit for Membership / Miscellaneous \$100

Department Unit for travel \$1200.00

Other \$500 (Telescope Parts)

Total Revenue: \$1800.00

Total Amount Requested: \$2630.00

Funding Considerations: Check all that apply

I received funding from the Faculty Development Committee last year for this area of study. If yes, please provide documentation from your annual evaluation or a letter from your division chair that indicates the implementation of your knowledge gained from your participation. This should be directly related to what was listed in your application from the previous year for implementation and/or completion.

I have an active research agenda.

I have previously published part of this research agenda.

Total Amount Recommended:

Faculty Development Committee Chair:

Date: