SABM Research Grant
Made possible by an educational grant from Hemosonics LLC
$25,000 one-year Patient Blood Management grant
Application deadline June 1, 2023 (23:59PM, EST)
Award notification by July 1, 2023
Awarded at the SABM annual meeting – Oct. 4-7, 2023 in Nashville, TN)
Funding to begin October 1, 2023

The SABM Research Grant, supported by SABM and an education grant from HemoSonics LLC, is intended to advance the field of patient blood management by supporting a young investigator who intends to study methods of promoting blood conservation. This one-year grant provides starter funding to further scientific inquiry and clinical knowledge in the field of patient blood management. Preference will be given to junior faculty who will be advised by an experienced mentor. It is anticipated that the funded study will generate results that can be used as pilot data or preliminary findings to support future grant applications focused on methods to improve blood management and to promote blood conservation. It is expected that all applicants will be members of SABM, or will become members of SABM for at least one year.

Information regarding the application process are available at the SABM website (www.SABM.org). Applications will be due by June 1, 2023. The awardee will be informed by July 1, 2023 and it is mandatory that the grant recipient be able to attend the SABM annual meeting October 4-7, 2023 in Nashville, TN to be formally recognized. Funding will begin October 1, 2023. The $25,000 does not include any extra funding to cover indirect institutional costs. Scholarly activity generated by this grant will be presented to the SABM members at the SABM annual meeting in 2024, and is expected to be published in peer-reviewed journals. A progress report submitted to the SABM Scientific Committee is expected 12 months after the funding is issued.

Areas of research that will be considered are:

Process Improvement
Anemia management, blood conservation (preventing transfusion overuse, education, transfusion guidelines), cost/benefit analysis, point of care testing, blood utilization data collection and presentation, massive transfusion.

Scientific Inquiry
Pharmaceutical advances, surgical technology, blood salvage, physiology, pharmacology as it relates to patient blood management, point of care testing (e.g coagulation monitoring), outcome data in relation to blood utilization and blood conservation.

WHO CAN APPLY

Applications are open to fellows and junior faculty (five years or less out of training and at a rank no higher than Assistant Professor). Applications are also open to nurses, pharmacists, perfusionists, and blood management or bloodless program coordinators.

PAPERLESS APPLICATIONS

A complete **Application Packet** consists of the following documents, arranged in the following order:

A. Application
B. Budget and budget justification
C. Applicant's curriculum vitae
D. Departmental Chair's Letter of Support
E. Institutional Review Board approval or copy of submission letter

These documents must be converted to Adobe PDF format and merged as a **SINGLE** file. Should the applicant obtain the IRB approval after submission of the application packet (but prior to September 1), please email the IRB Approval Letter as a separate Adobe PDF file to sfrank3@jhmi.edu.

The complete **Application Packet** (Application, Budget justification, Applicant's CV, Chair's Letter of Support, and IRB approval notification or, if approval has not yet been obtained, a copy of the IRB submission letter) must be sent by email to Steve Frank of the SABM Scientific Committee at sfrank3@jhmi.edu.

APPLICATION PACKET

A. APPLICATION

I. Cover Page -- This should include:
a. Title of research project
b. Designation of proposal as **"Scientific Inquiry"** or **"Process Improvement"**
c. Name of applicant with degrees, office address, phone number, fax number and e-mail address
d. Names and affiliations of all investigators and consultants
e. Name, office address, and phone number of departmental chairperson
f. Sponsoring institution and name, office address, phone number and e-mail address of the responsible institutional financial officer
g. Start and end dates of proposed project
h. Number all pages (bottom right corner) sequentially, starting with the cover page

II. Research Summary -- A one-paragraph description of the project (250-500 words).

III. Research Plan -- Format: maximum of 5 pages for sections IIIa. and IIIb. below (excluding references); 1-inch margins; Times New Roman font; size 12. NOTE: Appendices are discouraged but if used, should ONLY include either extensive data

collection instruments that will be used in the project and have not been previously published, OR critical manuscripts that have been accepted for publication in a peer-reviewed journal but are otherwise not yet publicly available. The mentor's CV may be included in the Appendix.

a. Introduction

1. Objectives
2. Background
3. Specific Aims
4. Significance and Applicability
5. Preliminary Results

b. Methods to be employed

1. Describe data collection procedure, specific techniques, and number of observations, subjects or experiments. For educational projects, describe how the effects of the intervention program will be assessed. Qualitative methodologies are acceptable. Provide a justification for the sample size.
2. Describe types of data to be obtained and their treatment, including statistical, sample size and power analyses.
3. Point out and discuss potential problems and limitations of the project.

IV. Discussion --

a. Interpretation of Results
b. Limitations
c. Significance and Impact
d. Future Directions

V. Timeline

VI. Protection of Human Subjects

The SABM grant proposal shall include:a) A statement of approval of this proposal by the institutional committee reviewing human or animal investigations, or a copy of the submitted application; b) A sample patient informed consent form that describes the risks to human subjects enrolled in the study, and how the investigator will mitigate those risks. If there are residual risks, explain why the benefits of conducting the study outweigh those risks; c) Samples of all records and reports required by the national regulatory authority of the country in which the study is being conducted. For significant-risk studies in the U.S. that involve investigational use of drugs or devices, a statement of compliance to FDA regulations regarding an Investigational New Drug (IND) application or an Investigational Device Exemption (IDE) application.

B. BUDGET and BUDGET JUSTIFICATION
Please include all proposed expenditures. Indicate under each category the amount requested or provided from other sources.

I. Budget. Enumerate in an itemized table all proposed expenditures broken down by year of the proposal.
a. Personnel
b. Equipment costs
c. Supplies and supplies cost
d. Other costs
g. Total funds requested (up to $25,000)

II. Budget Justification. CLEARLY and COMPLETELY justify each item, including the role of each person involved in the project.

III. Current and Prior Support. List all current or pending research support (federal, foundation, industrial, departmental) available for the proposed project to the principal investigator, co-investigators, collaborators, and the mentor, if applicable.

IV. Facilities and Resources. List the facilities, equipment, supplies, and services essential for this project and indicate their availability.

C. APPLICANT'S CURRICULUM VITAE
CV of the principal investigator and any co-investigators.

D. LETTER OF SUPPORT
Please include a letter from the departmental chairperson indicating:
- The number of working days per week available to the applicant for the proposed research, the degree of involvement of the applicant in other research projects, and the chairman's degree of enthusiasm for the proposed project.
- The availability of facilities essential to the completion of the proposed research.
- An agreement to return unused funds if the applicant fails to complete the project, and any remaining funds after the completion of the study.

E. IRB / ACUC APPROVAL
Please include the approval letter from the Investigational Review Board (IRB) or Animal Care and Use Committee (ACUC) or, if approval has not yet been received, a copy of the submitted application to IRB or ACUC.

The original application must be submitted by email no later than June 1, 2023 (23:59:59 EDT), to Steven Frank, SABM Scientific Committee at sfrank3@jhmi.edu. Once the completed application is submitted, a confirmatory email will be sent to the applicant.