

Expanding and Enhancing Faculty Research in STEM and Health

From: Paul Russo, PhD, Vice Provost and Dean, Katz School of Science and Health

Date: May 15, 2024

Re: Request for Proposals AY 2024-2025 (September 2024-April 2025)

As part of the Katz School's continued efforts to support research contributions in STEM and health, we are announcing a new request for proposals for Katz School faculty, as well as for collaborations between all YU faculty and Katz School faculty/students excluding Pathways and PhD students (“full-time graduate students”). The proposed research can be theoretical, empirical, applied, or clinical.

Required Items:

- Projects must produce tangible outcomes that raise the visibility of the Katz School in STEM and health sciences.
- Projects must include Katz School full time graduate students either as research assistants, interns or as part of their academic requirements (i.e., R&D experiences, thesis, capstone project).
- Projects in all areas of the Katz school are welcomed. Proposals related to the following priority areas are particularly encouraged: Artificial Intelligence, Healthcare Analytics, Biotechnology and Life Sciences, Cybersecurity, Applied Social Media, and Healthcare Research.

This initiative is intended to stimulate new research and expand existing research projects that raise the visibility of the Katz School through publication and conferences and set up faculty to apply for externally funded research, while simultaneously creating research opportunities for Katz School full-time graduate students. Projects are intended to result in scholarly publication and grant applications. The primary goal is not to simply create class/capstone projects for students.

Awards will range from \$1,000 to \$4,000. Expect that the average award will be \$3,000, with larger amounts awarded based on significance of the work to the Katz School, potential for future work/external funding, and number of full-time graduate students included.

Proposal Format:

See the application form below.

Evaluation of Proposals:¹

Proposals will be evaluated using the criteria outlined below:

- Connection to one of the priority areas. (20 pts.)
- Clarity on intended publication as well as ability to scale of the project and potential to attract external funding. (20 pts.)
- Appropriateness of methodology. (20 pts)
- Feasibility of the plan, timetable, budget, and team. (20 pts.)
- Katz full-time graduate student engagement. (20 pts.)

¹ Applicants may be contacted for additional information or to request minor revisions to the document.



Reporting:

If funded, award recipients must prepare a status report on the progress at the end of the spring semester covering accomplishments to date, upcoming work and requests to change the overall scope of the plan. In addition, awardees must present their work at the Katz School Symposium in Spring 2025. The presentation will take up to 10-minutes, PowerPoint style, including the following elements: rationale, aim and/or hypothesis, methods, accomplishments to date, and next steps. These presentations are seen as opportunities to disseminate results and to inspire other faculty members to propose new projects.

Future Awards:

Often, projects are expected to be completed within one year. However, there may be projects that span multiple years and others that produce such good results that the Katz School will request further work. Please indicate any intention to apply for multi-year funding. Include a rationale for extending the length of the project.

Key Dates:

- Applications are due by **June 30, 2024**, submitted electronically to Ariana.Allias@yu.edu.
- Awards will be announced by **August 1, 2024**.
- Work, including advertising for graduate student research assistants must begin **September 2, 2024** (funds will be available by mid-August).
- Approved purchases must be completed by **March 31, 2025**.
- Questions may be submitted via email to Ariana Allias at Ariana.Allias@yu.edu.

**AY 2024-2025
Proposal Outline**

Proposal Instructions:

Each application shall include: 1) a project cover sheet; 2) a project narrative (see specific requirements) of no more than two pages; 3) a budget plan of no more than two pages; and 4) an appendix with bios of all participants.

1. Cover Page
Project Title, One Paragraph Abstract (not more than 250 words), Principal Investigator(s), Amount Requested, and Signatures.
2. Specific Requirements (not more than 2 pages)
 - Rationale – Why should the project be done? Explain how the proposed project will improve scientific knowledge, technical capabilities, and/or clinical practice.
 - Purpose, relationship to priorities, and/or hypotheses. Where will the results be published.
 - Design and Methodology – What will be done, how, and by whom (i.e., participants, procedures, measures, and analytic plan)? Identify major milestones and create a brief task-list/timeline including who is responsible for the specific tasks. Describe the evaluation design for your project. What will you do to determine the success of your project?
 - Outcomes/Benefits – What are the expected outcomes of the project in concrete terms? Estimate the number of people (full-time graduate students (excluding Pathways and PhD students), research participants, and others) who will benefit directly from the project and describe the expected benefits to them. How will the results be disseminated?
 - Partners – List any employers, professional organizations, industry partners, government agencies, community-based organizations, other colleges, etc. involved in the project. Describe the roles and responsibilities of each partner. Attach a short letter from each, confirming their commitment to the project.
3. Resources and Budget (Not more than 2 pages)
 - Create a project budget that explains the funding need. Include an explanation of any potential external funding sources to support future work. Budget format below.
 - If you have applied to other internal (i.e., Provost Research Grant) or external funding please specify.
4. Appendix for Bios
 - A 2-page biosketch for each participant.



Katz
Katz School
of Science and Health

**AY 2024-2025
Project Cover Page**

Project Name:

Contact Name and Title (1):

School or College:

Phone:

E-mail:

Contact Name and Title (2):

School or College:

Phone:

E-mail:

Contact Name and Title (3):

School or College:

Phone:

E-mail:

Funds Requested: \$ _____

Project Summary (250 words max):

All relevant Department Chair/Program Director approvals:

Relevant Dean's or Deans' approval:



**AY 2024-2025
Budget Form**

Awards will range from a minimum of \$1,000 to a maximum of \$4,000. The average award will be \$3,000, with larger amounts awarded based on number of students, programs, and potential for future work/external funding.

Excluded expenses:

- Purchase of general equipment already available on campus (e.g., laptops, A/V equipment or departmental equipment that should be purchased via request to the university).
- Full-time or permanent employees cannot be hired under the grant.
- Summer salary or stipends.

Allowable expenses:

- Stipends to full-time Katz graduate students as research/lab assistants. Excludes Pathways and PhD students.
- Stipends to adjuncts involved in the research project.
- Equipment not available through other funding.
- Research needs not available through other funding.
- Publication costs.

A. Part-time Personnel (Titles)	Number	Rate	Fringe Rate	(A) Amount	(B) Other Funding Sources ²	Total Cost (A+B)
			10%			
			10%			
			10%			
Subtotal, Personnel:				\$	\$	\$

B. Non-Personnel Costs (Itemize)	(A) Amount	(B) Other Sources ²	Total Cost
Subtotal, Non-Personnel Costs:	\$	\$	\$
TOTAL COSTS:	\$	\$	\$

² For "Other Sources," attach letters from each source clearly stating their commitment for the amounts listed.