Expanding and Enhancing Faculty Research in STEM and Health

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

Date: June 11, 2025

Re: Request for Proposals AY 2025-2026 (September 2025 - April 2026)

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.

The Katz School Faculty Research 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 full-time Katz School 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.

Requirements:

- Research projects must be in one of the following areas: AI, Healthcare Analytics, Biotechnology and Life Sciences, Cybersecurity, Applied Social Media, and healthcare research. The proposed research can be theoretical, empirical, applied, or clinical.
- Projects must produce tangible outcomes that raise the visibility of the Katz School in STEM and health sciences.
- Projects must include full-time Katz School graduate students (excluding PhD and Pathways students) either as research assistants, interns or as part of their academic requirements (i.e., R&D experiences, thesis, capstone project).
- Grantees will give a short overview of their work at a faculty celebration in May.

Awards 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:
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 the project and potential to attract external funding. (20 pts.)
- Appropriateness of the project assessment plan. (20 pts.)
- Feasibility of the plan, timetable, budget, and team. (20 pts.)
- Full-time Katz School graduate student engagement. (20 pts.)

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 at the end of the spring semester covering accomplishments to date, upcoming work and any requests to change the overall scope of the plan. In addition, grantees will give a short overview of their work at an annual faculty celebration in May.

Future Awards: Often, projects are expected to be completed in 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 August 1, 2025, submitted to Ariana.Allias@yu.edu.
- Awards will be announced near or around August 15, 2025.
- Work, including advertising for graduate research interns must begin September 15, 2025 (funds will be available by late August).
- Purchase requests must be submitted by October 15, 2025.
- Questions may be submitted to Ariana Allias at Ariana.Allias@yu.edu.

AY 2025-2026
Proposal Outline

Proposal Instructions: Each application shall include: 1) a project cover sheet; 2) a project narrative of <u>no more than one page</u>; 3) a budget plan using the template plus a 1-page budget narrative; and 4) an appendix with a 2-3 line bio of all participants. Short and concise, please.

1. **Cover Page**
   Project Title, One Paragraph Abstract (150 words max), Principal Investigator(s), Amount Requested, and Signatures.

2. **Project Narrative (1 page max)**
   - Rationale – Why should the project be done? Explain how the project will improve scientific knowledge, technical capabilities, and/or clinical practice. Include purpose, relationship to priorities, and/or hypotheses and where the results will be published.
   - Design and Methodology – What will be done, how, and by whom (i.e., participants, procedures, measures, and analytic plan)? Identify major milestones. Describe the evaluation process and success metrics.
   - Outcomes/Benefits – Explain expected outcomes in concrete terms. Estimate the number of people (graduate students, research participants, and others) who will benefit directly from the project and describe the expected benefits to them.
     - Past awardees, please report outcomes from your prior award, including any external funding, publications, conference presentations, student achievements, etc. We want to recognize your accomplishments.
   - Partners – List any employers, professional organizations, industry partners, government agencies, community-based organizations, colleges, etc. Describe the roles and responsibilities of each and attach anything you have to confirm their participation.

3. Resources and Budget (template plus 1-page concise budget narrative) • Use the budget template below.
   - Include a concise budget narrative explaining the funding needs and any potential external funding sources to support future work. If you have applied to other internal (i.e., Provost Research Grant) or external funding, please specify.

4. Appendix
   - Include a brief 2-3 line bio for each participant.

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 Abstract (150 words max):

All relevant Department Chair/Program Director approvals:

Relevant Dean's or Deans' approval:

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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 hire full-time Katz School graduate students as research/lab assistants (excludes Pathways and PhD students).
- Stipends to adjuncts involved in the research project.
- Specialized equipment not available through other funding.
- Research needs not available through other funding.
- Limited student travel to present at nearby conferences (accessible by bus or train; hotel limited to two days).
- Publication costs.

Budget Template

A. Part-time Personnel (Titles)	Number	Rate	Fringe Rate	(A) Amount	(B) Other 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:	$	$	$

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