

TO: School of Medicine Faculty
FROM: Katherine L. Nathanson, MD and Matthew D. Weitzman, PhD
Co-Chairs, PSOM Limited Applications Selection Committee
RE: 2024 Agilent Research Catalyst (ARC) Program
https://www.agilent.com/univ_relation/arc/index.shtml

The Perelman School of Medicine has the opportunity to select the most competitive principal investigator to apply for the Agilent Research Catalyst (ARC) Program.

Program summary: The Agilent Research Catalyst (ARC) program fuels pioneering research in strategic areas of importance to Agilent, empowering scientific innovation and celebrating impactful contributions from academic institutions.

Award focus topic: Demonstration of live cell analytical assays and workflows in GMP bioprocess development and biomanufacturing of cell therapeutics.

Eligibility:

- Applicant must hold a tenure-track faculty position and be the principal advisor of doctoral candidates at their institution.
- For any sponsored research projects, the applicant must be eligible to serve as Principal Investigator for the project, unless otherwise noted in the LSO. Please see [Penn's PI Eligibility requirements](#) to ensure you are eligible.

Award information:

- Research projects should be scoped for a 3-year period with a total requested budget **up to \$600K (USD)**. Cash award is provided to the institution in the name of the awardee, in equal annual installments over the funding period. Awards have no deliverables and must be free of overhead or other fees.
- Awardee will receive an engraved plaque commemorating award, presented in a suitable ceremony.
- Awardee will be invited to visit and present a research seminar at Agilent site (expenses covered).
- Awardee will be featured on ARC website.

Selection:

- Alignment with the 2024 Focus Topic: **Demonstration of live cell analytical assays and workflows in GMP bioprocess development and biomanufacturing of cell therapeutics.**
- Innovation and outstanding potential for future research contributions.
- Research methods that demonstrate high-impact application of Agilent analytical technologies, rigor and feasibility are especially relevant and encouraged.

PSOM Application Requirements

To be considered, applicants must submit information in a single PDF in the following order:

- **Cover page** which includes:
 - Proposal title
 - Candidate name, department, address, phone, email, track and rank
- **Research proposal** that includes the following (2 pages maximum):
 - Project goal: Define the proposed research goal or challenge to address the Focus Topic.
 - Project objectives: Objectives or specific aims to achieve your defined Project Goal.
 - Expected results: Expected learnings, communications, or scholarly results if the project is funded (e.g. published papers, conference presentations, posters, seminars, webinars, websites, reports, etc.).
 - Research strategy: Explain the significance of achieving your proposed Project Goal with respect to the Focus Topic. Describe your research approach with details on what experimental and analytical methods will be used to achieve your stated Project Objectives.
 - Expertise and resources: Key staff members, expertise and experimental resources that will enable the successful completion of the proposed work.
- **Biosketch or CV**

Please note: The internal submission requirements for the PSOM Limited Application Committee review differ from the full application required by the Foundation; interested applicants are encouraged to [preview the proposal form](#) for additional information regarding formal submission requirements.

Submission should be in a single pdf file in the following order: cover page, research proposal, Biosketch or CV. The pdf document should be titled as follows: Agilent__InvestigatorSurname_Investigator first name. For example: Agilent_Doe_Jane.pdf.

Applications are due by **9:00AM on Monday, May 20th** and should be e-mailed to: Kaitlyn Hagarty at kaitlyn.hagarty@pennmedicine.upenn.edu.

Questions can be directed to Kaitlyn Hagarty at kaitlyn.hagarty@pennmedicine.upenn.edu.