

# CU Anschutz Programmatic Incubator for Research (CU ASPIRE) Program

## Overview

The School of Medicine, CU Chancellor's office, and Cancer Center are pleased to partner on this effort to foster the development of interdisciplinary, programmatic research on the CU Anschutz campus. The goal of the CU ASPIRE Program is to increase submission and success of program project, center grants, and large multi-project team science programs (not multi-PI R01s) on campus by supporting milestone-driven collaborations between investigators across campus. The CU ASPIRE Program is designed to facilitate collaborative research groups on the Anschutz Medical Campus working on unmet needs in basic and translational science or clinical medicine that can only be addressed by a team of investigators.

During the funding period, the investigative group is anticipated to:

- Establish preliminary findings to support the unifying scientific theme of the program, including joint publications.
- Develop a plan to programmatically integrate the investigators, projects, and cores.
- Identify a funding agency and establish a timeline and plan for grant submission.

The anticipated outcome of the milestone-driven CU ASPIRE Program is an external programmatic application to the NIH, DOD, or other external public or private funding agencies. Program funding may be used for research support (such as supplies and PRA salaries) to generate collaborative preliminary data, to purchase essential equipment that will be used jointly by the multiple investigators, or to support joint publications. Funding may not be used for salary support for investigators, administrative activities, support conferences, or travel (unless approved by the CU ASPIRE Program).

Successful applications will include 3-5 investigators with complementary scientific backgrounds that are focused on solving a complex unmet need in basic and translational science or clinical medicine. There will be 2 categories of applications considered:

### Category 1. School of Medicine oriented applications

The PI and project leads must have a primary appointment in a Department within the School of Medicine. The team can include investigators solely from the School of Medicine but may also include investigators with primary appointments in different CU Anschutz Schools/Colleges (Medicine, Pharmacy and Pharmaceutical Sciences, Dental Medicine, Nursing or Public Health), departments, or divisions.

### Category 2. Cross-campus applications

The PI and project lead primary appointments must represent at least two different CU Anschutz Schools/College (Medicine, Pharmacy and Pharmaceutical Sciences, Dental Medicine, Nursing or Public Health). Applications that come from PI and project leads all within the same Schools/College (outside of Medicine) will also be considered within this category.

For both categories, preference will be given to investigative teams that have a history of prior collaboration. When appropriate and the resources are available, administrative in-kind support will be provided at the conclusion of the award to assist with the development, preparation and submission of a future grant proposal.

## Eligibility Criteria

### General Eligibility Criteria (applies to both Category 1 and 2)

- At least 3 and no more than 5 investigators are required as part of the application, including one Principal Investigator (no multi-PI applications will be accepted).
- The PI and project leads must have R01 or R01-equivalent funding.
- At least two investigators (other than the PI) must have a primary appointment at the University of Colorado. This could include CU investigators in CU Anschutz Schools/Colleges (Medicine, Pharmacy and Pharmaceutical Sciences, Dental Medicine, Nursing or Public Health), investigators throughout the CU

- System, and CU investigators employed by Denver Health, National Jewish Health, and the VAMC.
- Up to two investigators may be included from an institution outside of the University of Colorado.
  - Individuals from traditionally under-represented communities are strongly encouraged to apply.

## Awardee Obligations and Anticipated Outcomes

- Research must be focused on an unmet need in basic and translational science or clinical medicine that can only be addressed by a team of investigators. This focused research effort must be built around a scientific hypothesis and is distinct from the SOM Transformational Research Programs, which are much broader in vision and scope.
- The interdisciplinary research group should operate with the goals of:
  - Establishing preliminary findings to support the unifying scientific theme of the program, including joint publications.
  - Developing a plan to programmatically integrate the investigators, projects, and cores.
  - Identifying a funding agency and establish a timeline and plan for grant submission of a program project or center grant (> \$1M direct) application in 2-3 years.
- This is a milestone-driven program with continued funding dependent on progress to programmatic research. Progress will be evaluated every 6 months.
- After Year 1 of funding, project teams will present their progress to program leadership and other relevant scientists, outlining overall progress and achievement of milestones, including progress towards submission of a program project grant application. Year 2 of funding will be contingent on progress during Year 1.

## Submission Process: Letter of Intent and Application Requirements

### Letter of Intent

A Letter of Intent must be submitted through InfoReady by **October 30, 2023**:

The Letter of Intent must include the following:

- Names and Primary Appointments of Principal Investigator and Project Lead investigators
- Email Address of Principal Investigator
- ASPIRE Application Title
- Selection of Application Category
- Brief Description of Anticipated Topic (approximately 100-150 words)

Please note: This is a non-competitive Letter of Intent. It will not factor into the review of the subsequent application. The information collected will allow the ASPIRE team to estimate the application review workload and identify appropriate reviewers for the study section.

### Full Applications

A link to submit the full application (using the InfoReady system) will be sent out to those that submitted a Letter of Intent. Applications must be submitted by **January 16, 2024**. Unless a template is provided for use, all application documents should use 11-point Arial font, single-line spacing, and 0.5-inch margins. Each of the documents listed below must be uploaded separately into designated fields within the InfoReady system.

- **Title Page:** The title page should include (1) Project Title, (2) Application Category, and Schools/College represented if a Category 2 application, (3) PI name and email, (4) 200-word abstract focusing on the significance of the unmet need in basic science or clinical medicine.
- **Specific Aims (1 page):** The Specific Aims page should include an overview of the program proposal, overall scientific goal and hypothesis, critical components of the proposal, and how support of the CU ASPIRE Program is expected to lead to external programmatic support.
- **Research Plan (5 pages):** The research plan should emphasize how the program will result in scientific progress that is more than the sum of the parts. Recommended structure includes the following components:
  - Overall research goal, rationale for the program, and scientific hypothesis
  - Significance of the scientific theme, programmatic integration of the team, potential impact of the

research, and innovation

- Description of anticipated projects and cores

- **Investigators (1 page):** Summarize the role of each investigator (the PI, Project Leads and Core Leads), their accomplishments, and evidence of previous collaboration between the investigators.
- **Path to External Funding (Template provided – 1 page):** Describe how the two years of funding will lead to submission of a program project or center grant application in 2-3 years and your external funding goals.
- **NIH Biosketch for each investigator:** Upload NIH Biosketches for each investigator (the PI, Project Leads and Core Leads) as a single PDF.
- **Letters of Support (Optional):** Up to 3 letters of support may be included but are not required. Upload as a single PDF, if choosing to provide.
- **References:** No page limit.
- **Budget (Template provided):** Note: Salary support for investigators (PI, Project Leads and Core Leads) is not permitted under any circumstances.
- **Budget Justification:** To accompany your budget spreadsheet, please describe your plans for using funds (if awarded). Ensure your justification matches the amounts/work to be performed described in your budget. Note: Up to \$100,000 per year for two years (total of \$200,000) is possible. Funding may not be used for salary support for investigators, administrative activities, conference support, or travel (unless specifically approved by the CU ASPIRE Program). No indirect costs are allowed).

\*Please note: *Appendices will not be accepted.*

## Evaluation Criteria

Applications will be evaluated by an ad hoc committee of non-conflicted CU Anschutz Medical campus faculty utilizing a NIH-style study section review process.

Reviewers will evaluate applications based on:

- Scientific merit, including significance of scientific theme.
- Programmatic integration of scientific team
- Prior productivity of scientific team members
- Likelihood of project leading to scientific accomplishments and external funding in 2-3 years
- Applications should demonstrate how the proposed structure of the expected external funding application will enable the scientific goals to be achieved.

## Progress Reporting

Awardees will be expected to meet with program leadership (or internal advisory board) every 3 months to discuss progress and potential challenges.

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## Key Dates and Program Contacts:

<b>Date Posted</b>	September 5, 2023
<b>Letter of Intent Forms Due</b>	October 30, 2023
<b>Full Applications Due</b>	<b>January 16, 2024, at 11:59pm MST</b> <i>Submit using the InfoReady link sent directly to invited applicant teams</i>

For questions regarding the program and application process, please contact:

- Category 1 applications (School of Medicine): [Jennifer T. Kemp, PhD](#) or [Paul Wood](#)
- Category 2 applications (Cross-campus): [Erin Calhoun](#)
- InfoReady: [Erin Calhoun](#)

CU ASPIRE Program Director: [David Schwartz, MD](#)

CU ASPIRE Program Co-Director: [Lori Sussel, PhD](#)