



## **Applied Research & Development Program (ARAD)**

**2025  
Call for Applications**

**Center for Biotechnology  
Bioengineering, 2<sup>nd</sup> Floor  
Stony Brook University  
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**<http://www.centerforbiotechnology.org/>**

## **The ARAD Program**

The Applied Research & Development (ARAD) Program provides matching funds on a competitive basis to support collaborations between Stony Brook University faculty and NY State corporate partners in all areas of medical biotechnology. These areas include research technologies, enabling technologies, bioconvergence platforms, diagnostics, therapeutics, and medical devices. The primary interest is in supporting the development of technologies that will help companies hit commercially relevant inflection milestones and have the potential to positively impact the New York State economy.

### **Summary of Program Objectives**

- Facilitate collaborative relationships between NYS companies and Stony Brook University faculty.
- Accelerate the development of commercially promising technologies.
- Work collaboratively with faculty and NYS bioscience companies to develop experimental protocols that will add value to intellectual property that has the potential to generate economic impact in New York State.
- Assist in moving these technologies down a commercial pathway by participating in the development of commercialization strategies, facilitating financing opportunities, facilitating out-licensing opportunities, and identifying potential commercial partners.

### **Program Guidelines**

The Center for Biotechnology (CfB) will cost-share select translational research and development projects that are proposed in collaboration with NYS corporate partners. New York State corporate partners are required to provide a minimum of \$1:\$1 for up to \$30K in CfB funding. Company matching funds that exceed \$1:\$1 are considered favorably, but are not required. To further enhance the value of this opportunity for collaboration, a reduced indirect cost rate of 15% will be applied to these projects versus the current approved rate of 58.5%. All funds must be used to support research and development activities on the academic campus. Awards cannot be used to fund research activities at the corporate sponsor's location.

For purposes of this program, a NYS industry partner is a for-profit enterprise with a permanent place of business located in New York State, employing a full-time workforce. The company's New York facility must either be (1) the intended recipient of the Program's assistance or (2) directly benefit from the Program's assistance. The Program's assistance must also demonstrably enhance the company's potential for growth in New York. Funds cannot be used to support work with results intended to be primarily available and/or useful only to a non-New York company or companies.

In addition to funding, ARAD program benefits include:

- Assistance with market / commercial assessment of a technology opportunity
- Guidance in developing specific aims toward a commercial endpoint
- Introduction to a network of industry advisors and professional service providers
- Exploration of additional external financing opportunities
- Introduction to additional business development opportunities

Applications should be developed jointly by the Stony Brook faculty member and the New York company co-sponsor. Awarded projects will be formalized with a sponsored research agreement or evaluative testing agreement developed in cooperation with the SUNY Research Foundation. Copies of the Research Foundation's standard corporate-[sponsored research contract](#) and [evaluative testing agreement](#) are available for review, although the specific details of each project will be addressed in a customized contract.

## Questions

All questions should be submitted in writing via email to [center\\_for\\_biotechnology@stonybrook.edu](mailto:center_for_biotechnology@stonybrook.edu) with "ARaD 2025" in the subject line. Questions should be received no later than May 30, 2025, 5:00pm. All questions and answers will be uploaded to the CfB's website at [https://centerforbiotechnology.org/new/wp-content/uploads/2025/05/ARAD25\\_FAQ.pdf](https://centerforbiotechnology.org/new/wp-content/uploads/2025/05/ARAD25_FAQ.pdf) and emailed to all known inquirers.

## Proposal Submission

The ARAD application and budget forms can be downloaded from the CfB's website at <http://centerforbiotechnology.org/what-we-do/technology-development/>. Approval from the Research Foundation's Sponsored Programs Office is not required before submission, but will be required within 60 days of award notification from CfB. All applications require a letter of support from a senior executive of the company confirming their corporate residency in New York State and financial commitment to match-fund the project. Further details are found within the form pages. A single PDF version of the proposal and letter of support should be submitted to the Center for Biotechnology ([center\\_for\\_biotechnology@stonybrook.edu](mailto:center_for_biotechnology@stonybrook.edu)). **The deadline for receipt of applications is June 16, 2025, 5 pm. Adherence to this deadline is important to avoid delays that could jeopardize the award.**

## Budget Guidelines

ARAD projects run from July 1st through June 30th of each year. As a general rule, unexpended funds cannot be carried over from one fiscal year to the next. Exceptions to this timeline will be considered on a case-by-case basis. Funding is available for salaries of postdoctoral fellows, technicians, and other non-faculty project personnel, supplies, equipment, and miscellaneous expenses. Award funds cannot be used for faculty salaries (tenure or tenure-track), building renovations, travel, meetings, entertainment, consultants, computers (unless directly related to the project), or office equipment. Equipment purchases over \$5,000 must be dedicated to the project and have prior Center approval. The budget request should include the appropriate fringe benefit rate(s) as established by the Research Foundation of SUNY [Office of Sponsored Programs](#). If graduate students will be working on the project, please include tuition reimbursement as required by the Stony Brook University Graduate School. All New York State corporate-sponsored research projects conducted in partnership with the Center for Biotechnology qualify for a reduced indirect cost rate of 15% versus the published corporate indirect cost rate of 58.5%. Indirect costs should be included on both the company and Center budgets, but are calculated differently; the Center budget should include 15% of personnel costs as indirect costs, while the company budget should include 15% of total direct costs (TDC) as indirect costs.

## Proposal Evaluation

Applications must support applied research with significant potential for economic impact in NYS. Project evaluation is based upon the quality of the science, commercial potential, regulatory pathway, intellectual property position, the commitment of the sponsor, and the level of economic impact in NYS. The importance of the project to the corporate sponsor, and the potential to generate economic impact in terms of expanded corporate or federal funding for the project, new private investment in the company as a result of the project, new job creation, corporate savings, increased corporate revenues, etc., are primary factors in the review process. Generation of new intellectual property is also viewed favorably, but is not required. Intellectual property and licensing are administered through the Stony Brook University [Intellectual Property Partners](#) and are subject to [SUNY policies](#). (Note: Awards for this 2025 ARAD call for applications have been pre-determined.)

## Award Implementation and Administration

Projects are scheduled to begin July 1, 2025, and are intended to be completed by June 30, 2026. Unexpended funds cannot be carried forward from one project year to the next. Projects must obtain approval at the departmental and sponsored programs level. They will then be forwarded to the appropriate contract administrator in the Office of Sponsored Programs to begin implementation of a research agreement with the corporate sponsor. To accelerate project implementation, corporate sponsors should review the standard research agreement as soon as possible to familiarize themselves with the basic terms. The research agreement will be modified to address the specific circumstances of the project as necessary. PIs should have the necessary animal research or human subject applications prepared or approved as quickly as possible to facilitate a July 1 start date. Delays in project start dates can jeopardize funding if not fully anticipated. Therefore, PIs and corporate sponsors must work closely with the Center to address any outstanding issues that could impede the start and successful completion of the project.

## Reporting Requirements

As a jointly managed project, reporting will be semi-annual and consist of two components:

1. Applied Research Report (PI): The Principal Investigator submits a written report detailing the technical progress of the research, including methods, data, and interpretation of result.
2. Company Presentation & Discussion (Sponsor): The sponsoring company prepares a brief slide presentation summarizing how the sponsored applied research supports the company's development pathway. This should include: - The technical inflection point achieved - How results inform product, regulatory, or commercial strategy - Key business milestones advanced by the work.

The sponsor will also present this summary to the Center for Biotechnology to align on next steps and explore resources that can accelerate progress.

Reports/presentations are to be sent electronically to the Center for Biotechnology ([center\\_for\\_biotechnology@stonybrook.edu](mailto:center_for_biotechnology@stonybrook.edu)).

As required by NYSTAR, the CfB's funding agency, company sponsors will be required to report on the economic impact of the project on an annual basis. Economic impact in terms of additional funds leveraged, new corporate revenues, jobs created, and cost savings are the primary metrics for success but other supportive information such as patent applications and issued patents, licensed technology, publications, other grants funded, are also important milestones of success and should be communicated to the Center.

Faculty/PIs are required to report to the CfB on aggregate corporate research expenditures related to the project funding as a whole. To facilitate the collection of this information, acceptance of ARAD funding by the PI authorizes CfB staff access to periodically review corporate accounts related to these awards.

*Faculty are reminded of Stony Brook University's **Export Control Policy** and are expected to be knowledgeable about federal export control regulations as they apply to their area of research, equipment, supplies, technology, and technical data used in their laboratories and/or research. Information and links to the regulations are located on the OVPR website at: <https://www.stonybrook.edu/commcms/export-controls/>. Faculty should not share confidential or third-party proprietary information that is, or that they suspect may be,*

*export-controlled in their grant applications without first consulting with the SBU's Export Compliance Officer.*

*Disclosure of non-public, export-controlled technology or technical data to Stony Brook University (SBU) faculty, staff, or students who are non-U.S. persons may require a U.S. federal agency authorization. Companies are responsible for determining, and if necessary securing, the appropriate authorizations before sharing any non-public, export-controlled technology or technical data with SBU.*