



Applied Research and Development (ARaD) Program

Fueling collaborations that move biotech forward

The Center for Biotechnology (CfB) co-sponsors collaborations between New York biotechnology companies and Stony Brook University (SBU) faculty, on a competitive basis, to help companies reach strategic technology development milestones that will unlock commercial opportunities.

What ARaD Provides:

- Up to \$30,000 in matching funds to support the development of medical biotechnologies that will help companies hit commercially relevant inflection milestones
- Reduced indirect cost rate of 15% vs the standard institutional rate ([currently 58.5%](#))
- Access to core facilities
- Access to the CfB network of potential advisors and partners

Who Should Apply:

- New York State for-profit companies developing medical biotechnologies that need technical, scientific, or clinical expertise that aligns with the research capabilities and interests of a Stony Brook University faculty member.
- Stony Brook University faculty members who have NYS company collaborators that are interested in co-development opportunities.

Key Considerations:

- Company & Academic Partner will co-develop an experimental protocol per program guidelines
- Application must specify milestones that demonstrate achievement of a major value inflection point
- SBU Faculty member will serve as Principal Investigator and lead the administrative grant submission process
- All work will be done onsite at SBU by SBU Principal Investigator
- Company portion will be cash only and will be matched 1:1 by the Center for Biotechnology; additional company investment will be viewed favorably.
- Medical biotechnologies include research technologies, enabling technologies, bioconvergence platforms, diagnostics, therapeutics, and medical devices.
- Applications are reviewed on a competitive basis

Interested parties should consult the full program guidelines and the Center for Biotechnology via center_for_biotechnology@stonybrook.edu for additional details.

Applied Research and Development (ARaD) Program Guidelines

The Center for Biotechnology (CfB) will co-sponsor, on a competitive basis, select translational research and development projects proposed by New York State based companies in collaboration with Stony Brook University faculty. Corporate partners are required to provide a minimum of \$1:\$1 cash match 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 institutional 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.

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.

Applications will be developed jointly by the Stony Brook University faculty member and the New York company co-sponsor. If selected for funding, the Faculty member will serve as the Principal Investigator to submit the application through the Stony Brook University proposal submission portal. 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.

Proposal Submission

The ARAD application 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).

Applications are accepted on a rolling basis and will be reviewed within three determined review cycles per year corresponding to the following deadlines: January 15th, May 15th and September 15th. Applications are subject to availability of award funds during that fiscal period.

Budget Guidelines

- ARAD projects cannot exceed a 12-month period. 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 tenure, tenure-track faculty**, or co-sponsor salaries, 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, or attach a [tuition waiver](#) approval.
- 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 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. CfB assistance is available to structure budgets appropriately.

The Center's matching funds are subject to NYS's M/WBE 30% and SDVOB's 6% goals supporting diverse suppliers. Click [here](#) for further information.

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, a proven ability to address an unmet market need, potential to reach value inflection milestones, regulatory pathway, intellectual property position, the commitment of the sponsor, long-term commercial potential, and potential for 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 because 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](#).

Award Implementation and Administration

Upon award notification from the Center, SBU Principal Investigators must obtain approval for the project at the departmental and sponsored programs level via myResearch. 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 avoid a delay of the start date. Delays in project start dates can jeopardize funding if not fully anticipated. Therefore, PIs and corporate sponsors must work closely with the CfB to address any outstanding issues that could impede the start and successful completion of the project.

Reporting Requirements

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 results.
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; and 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).

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 measured, but other supportive information such as patent applications and issued patents, licensed technology, publications, awards, and other funding acquired, 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. 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.