



Legorreta Cancer Center  
BROWN UNIVERSITY

## Data Science Working Group Pilot Program

### REQUEST FOR PROPOSALS

*DEADLINE Friday, December 6, 2024, 5 PM*

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The use and sharing of data has been highlighted as a top priority by NIH Director Monica Bertagnoli and NCI Director Kimryn Rathmell. Data are generated in vast quantities in the routine care of patients with cancer, clinical trials, and ancillary studies including cellular, organoid, and animal models of cancer. In order to take maximal advantage of existing and emerging data resources, team-based approaches are essential.

#### The Purposes of the Data Science Pilot Program are to:

The goal of this pilot program sponsored by the Data Science Working Group (DSWG) of the Legorreta Cancer Center is to seed innovative data science methods and applications that address key questions in cancer. This pilot award will support a Brown-affiliated team comprising at least one co-PI who identifies primarily as a data scientist and one co-PI who identifies primarily as a basic, translational, clinical, or behavioral researcher. The goal of the pilot should be to answer important cancer-related questions based on existing or newly created data resources. Priority will be given to proposals that use or develop innovative or creative new methods for analysis, visualization, design, etc. As well as, to projects that focus on RI or healthcare disparities in RI. These pilot funds are also intended to enable sufficient preliminary work to support a subsequent R01-equivalent grant application to the NCI.

#### Deadlines:

Date of Announcement	October 28, 2024
Due Date of Full Applications	December 6, 2024
Earliest Decision Date	December 20, 2024
Earliest Funding Date	February 1, 2025

#### Deliverables:

At 6 months after the start of funding and at the conclusion of the funding period, the awardees will provide a written report of their accomplishments to the DSWG leads. It will be expected that the awardees will present their findings at local and national conferences. Submission of an R01-equivalent grant application to the NCI will be expected within 2 years of the initiation of the award.

## Eligibility:

Members of the Legorreta Cancer Center either directly associated with Brown University or affiliated hospital systems are eligible to serve as PI of the grant. Co-investigators and collaborators could be members of the Cancer Center or others at outside academic institutions. Non-members are welcome to reach out to Ms. Shiyoko Cothren to join as a member of the cancer center before applying for this funding.

**Timeline:** 12 months.

## Amount:

Award amount: \$50,000 direct costs. co-PIs must each devote a minimum of 5% FTE to the project; cost sharing is allowed.

## Submission guidelines:

Proposals should include the following:

- Title page (proposal title, co-PIs and affiliations, collaborators);
- Abstract (not to exceed 200 words);
- Research Strategy (not to exceed four pages): including the following sections  
1) Importance of the Research; 2) Rigor and Feasibility; and 3) Expertise and Resources;
- NIH biosketches for all key study personnel;
- Budget;

Use Arial 11 font and submit the entire proposal as a single PDF file.

Submissions should be sent to: [sasha\\_laziuk@brown.edu](mailto:sasha_laziuk@brown.edu)