

# RPQS Fellowship Opportunity

In support of multidisciplinary cancer research that is heavily quantitative, the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins (SKCCC) Research Program in Quantitative Sciences (RPQS) has established a Fellows Program to contribute to training the next generation of leaders in quantitative cancer research. This initiative provides one year of funding to support RPQS Fellows to (a) pursue cancer research that involves quantitative science research priorities (statistics, epidemiology, mathematics, computer science, machine learning, etc.), (b) benefit from a multidisciplinary mentorship committee that includes SKCCC members, and (c) support for garnering independent funding to prepare the fellow for an academic position. Regardless of their home department, the RPQS Fellow will have full access to all training programs offered in the SKCCC and the opportunity to present and share their work in SKCCC seminars.

## Request for Proposals (RFP)

The RPQS has made funds available to encourage innovative quantitative approaches to support learning about causes, prevention, treatments, recurrence, and metastatic processes associated with cancer. RPQS leadership invites postdoctoral fellows to submit proposals detailing their ideas for research. Proposals should adhere to the three main goals (a-c) listed above.

**Eligibility:** Eligible applicants will be current postdoctoral fellows pursuing research projects in quantitative cancer research with a multi-disciplinary mentorship team. We encourage applications from fellows across the Johns Hopkins University.

**Award:** The total budget request for a team may not exceed \$20,000. Please see specific budget guidelines below. The project period is up to one year **beginning September 1, 2020**.

## Proposal Format

1. **Title Page** – Include title, investigators, their departments and e-mail addresses.
2. **Abstract** (250 word limit)
3. **Narrative** – Not to exceed 3 pages (Arial, 11pt). Must include the following (a-e):
  - a. **Statement of the Multidisciplinary Problem or Area of Investigation**
  - b. **Project Goals and Objectives** – Include the research objectives and/or tool developments that will be accomplished during the project phase.
  - c. **Significance and Innovation** – Describe the significance and innovation of the project in the context of cancer research.
  - d. **Approach** - Provide a description of the design and methods to be applied to achieve the project's objectives.
  - e. **Future Plans** – Briefly describe how this project will support the training goals and leverages SKCCC resources. State how this project will help the proposing team attract new or additional external funding following the pilot funding.

4. **Budget and Budget Justification** – Budget not to exceed \$20,000 for a period up to 12 months. RPQS will support all costs with the exception of faculty (tenure-track and non-tenure-track) salary and Facilities and Administrative costs.
5. **Biosketch** of the fellow and members of their project and mentorship team (NIH format).

## Deadlines and Evaluation

**Proposals are due by 5 p.m. Friday, June 30, 2020. Please email all required documents as a single pdf (with the documents in the order listed above) to Kristin Kearney (kkearne7@jhmi.edu).**

Funding decisions will be made at the beginning of August 2020. The anticipated start date is September 1, 2020. The PI should ensure that the proposal contains all required elements and is clearly written. Although reviewers will be familiar with some of the proposed areas of research, it is not possible to have an expert in every field represented by the proposals. Therefore, it is imperative that the PI make a convincing argument that the proposed research is important in the PI's field and should be funded at this time.

**Please contact [ejfertig@jhmi.edu](mailto:ejfertig@jhmi.edu) if you experience technical difficulties completing your submission or in need of further clarification regarding the requirements.**

## Obligations of Award Recipients

Award recipients are expected to:

1. Complete proposed research within one year. No extensions will be offered and funds remaining at the end of the one-year period will be returned to the research program.
2. Participate in fellows training programs offered by the SKCCC cancer center designed to support the fellow in preparing a proposal for external research funding.
3. Present their research as an invited speaker at a SKCCC Research Program in Quantitative Sciences Seminar.
4. Submit a progress report to RPQS ([ejfertig@jhmi.edu](mailto:ejfertig@jhmi.edu)) by the end of the project. Within 90 days after the project's end date, the PI will provide information on grant proposals and publications to scholarly journals, including those submitted, pending, and in progress.
5. Acknowledge the support of RPQS in publications or presentations that result from this award. Suggested acknowledgement: "This research was funded, in part, by a grant from the Research Program in Quantitative Sciences of the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins."