

## The Marie-Josée Kravis Fellowship in Quantitative Biology

The Sloan Kettering Institute invites internal applications for an exciting postdoctoral fellowship in quantitative biology. This program supports quantitative biologists working on innovative cancer research projects in collaboration with two tenure-track faculty labs at MSK: one “dry lab” (computational) and one “wet lab” (biological).

The Marie-Josée Kravis Fellowship in Quantitative Biology aims to train a new generation of skilled quantitative biologists who utilize computational and data-driven approaches to model biological processes and predict cancer behavior.

Key details about this opportunity include:

- Funding for salary support up to \$73,000 (plus associated fringe benefits)
- Up to \$6,000 for conferences and research expenses
- Potential for a second year of funding based on year 1 progress

Applicants will identify two eligible MSK faculty members as their preferred mentors, divided into computational scientists (“dry labs”) and cancer biologists (“wet labs”).

For further details, please visit our [website](#).

### Application Eligibility Requirements

- ❖ Trainee must be a postdoc focusing on quantitative biology and cancer research.
- ❖ Trainee must be a postdoc for less than 2 years at time of application.
- ❖ Trainee must hold an advanced degree: MD, PhD, MD/PhD, DO or equivalent, in data science or computational science.
- ❖ Both a “dry lab” and “wet lab” Mentor/Collaborator with a proven track record of discovery in their own lab related to this area of research must be identified.
- ❖ No citizenship or residency restrictions apply to this opportunity.

### Application Instructions

The application requires the following elements:

- **Abstract** - Abstract of the research project, including project title (no more than 300 words). (Please note: this will be posted on the Sloan Kettering Institute’s website if the project is awarded.)
- **Biosketches** – Trainee and Mentors Biosketch in [NIH Biographical Sketch](#) format.
- **Research Proposal** – A research proposal not to exceed 5 pages (excluding the abstract and references), standard NIH formatting, which should include the following:
  - (1) Description of the specific research objectives/aims.
  - (2) Description of the method or approach for the proposed research project.
  - (3) Explanation of the biostatistical methods, if applicable.
  - (4) An explanation of the high-risk and high-impact nature of the proposal and the significance of the research project to the field of cancer research.
  - (5) Description of the computational methods and how they are innovative.
  - (6) Explanation as to how and why this proposed project meets the criteria of this award and why it would be a good fit for the Sloan Kettering Institute.

- **2 Letters of Support** – Detailed Letters of Support are required from the primary and complementary mentors. Each letter of support should address the following components:
  - Trainee’s focus on quantitative biology and cancer research.
  - Trainee’s contributions to the field, including any significant research findings or publications.
  - Assessment of the trainee’s potential for future contributions to the field of quantitative biology and cancer research.
  - Discussion of their qualifications for the proposed project and potential for success conducting this independent research.
  - Description of the trainee’s work ethic, creativity, and ability to collaborate effectively within a research team.
  - Overview of the Mentor’s training plan for the applicant
  - Description of complementary research overlap between both Mentors.
- **Applicant’s Letter/Personal Statement** – a 2–3-page letter explaining the applicant’s previous research and teaching experience; a description of how they have contributed to this field of research; why they are interested in this field and; why the applicant is applying for this fellowship and how they hope to benefit from this opportunity.
- **(Optional) Reprints** - Copies of up to three relevant reprints authored by the trainee.

**Notice:** Applicants are responsible for identifying and confirming participation from both mentors prior to submitting their application. Requests for letters will be automatically generated from the application portal after email addresses are entered.

#### **Submission Process:**

A complete application must be submitted via [Slate](https://slate.mskcc.org) by June 3<sup>rd</sup>, 2025. For questions regarding Slate, please reach [hachicy1@mskcc.org](mailto:hachicy1@mskcc.org).

#### **Review Process:**

A Review Committee comprised of internal leaders in the field will review all applications and make recommendations for funding. Final award decisions will be subject to the approval of MSK senior leadership.

All applicants will be notified about the status of their application by email. Funding to awarded proposals will commence **Fall 2025**.

#### **Expectations and Progress Reports:**

Each awardee will be required to submit annual progress reports which should detail the overall progress made during the year, evaluation of results and outcomes, publications (if any) as a result of this funding, and a brief summary from the mentors.

Awardees are expected to participate in donor engagement meetings when asked, and to provide updates to their profiles and research pages on the program website.

**Questions?** Please contact [kravisski@mskcc.org](mailto:kravisski@mskcc.org) with any questions about this funding opportunity.