



Mount Sinai *The Tisch Cancer Institute*

The Tisch Cancer Institute Summer Scholars Program

Application Deadline: March 16, 2020

Applications are being accepted for the Tisch Cancer Institute Summer Scholars Research Student Fellowships. Each fellowship provides a \$5,500 stipend to the student to support the proposed research which should include (but may extend beyond) full time effort of at least 8-10 weeks during the summer. The program is designed to encourage first year medical students who have not yet had extensive research experience, and therefore MD/PhD students are not eligible. Two to three fellowships are expected to be awarded.

The fellowship provides summer support for original cancer research in clinical, translational, basic, epidemiological or health services disciplines. This fellowship is intended to lay the foundation for a future career in cancer research. Successful applicants will have identified a mentor with whom s/he is expected to form a close working relationship that we hope will extend beyond the summer research project, ideally culminating in a year-long scholarly research year between the student's third and fourth years of medical school. The student's potential for a research career, including pursuit of an extended research project, as well as the mentor's enthusiasm to support the student in such an endeavor, are important components of the application. The mentor's training track record will also be a major consideration for the committee.

Applicants should note the following:

Clinical / Translational Research Studies

Proposals should include a clear and feasible deliverable within 8-10 weeks. If the project includes data mining, the application should specify that data is already available and ready to be analyzed. The proposal must include a pre-specified analytical plan, tools and adequate interpretive support from the supporting PI. It is expected that the applicant will conduct and interpret the proposed analysis. This expectation applies to both clinical as well as molecular data (e.g., next generation sequencing). To generate databases or populate data registries is NOT responsive to this call as significant intellectual input is expected from the applicant.

Basic Research Studies:

Proposals should include a clear and feasible deliverables within 8-10 weeks. The proposed experiments should be part of a larger project and could include a specific set of experiments designed to provide key data for a broader project aim. The applicant should describe his/her specific role(s) in the planned experiments, as well as adequate direct supervision (including the name of a fellow or research associate if the PI is not at the bench on a daily basis). The proposed laboratory experiments should be framed within the scope of the project (e.g., generation of KO mice is not responsive to this call).

The application involves:

1. A 2-3-page written proposal of the research project (single space, Arial 11 font, one inch margins), written by the applicant. Proposal should include the following sections: (1) background/significance, (2) research question and hypothesis and (3) proposed methodology. Include the bibliography within the page limit.
2. If required for the project, proof of IRB or IACUC approval or submission for approval.

3. The student's CV.
4. A letter of support from the mentor/research supervisor indicating his/her commitment of time and evaluation of the student's research potential and the proposed project, including the potential to pursue a larger project during a scholarly year. Include a specific section regarding former trainees.
5. The mentor/research supervisor's biographical sketch (3-4 pages). Do NOT send the mentor's complete CV.

This fellowship will follow all the usual guidelines for ISMMS summer research projects, including abstract submission following the summer and poster/oral presentation at Medical Student Research Day in March, 2021. **Awards will be announced by April 17, 2020.**

Please submit your application electronically to:

medicalstudentresearch@mssm.edu with a subject line Completed Tisch Cancer Research Fellowship application. Be sure to include your name and e-mail address at the top of the document.

This information is also available on Blackboard under Medical Student Research Office, Research Opportunities, click here

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