



The James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology

Terms of Reference

The James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology will provide financial assistance in the form of fellowship grants to **oncology trainees** at St. Michael's Hospital who have completed their core training in oncology and are seeking additional clinical training in myeloma and other blood cancers.

Background:

Multiple myeloma and lymphoma are the most common types of blood cancers and the fifth most common cause of cancer overall. Multiple myeloma in particular is a very complex disease that can cause major complications for patients including bone fractures, pain crises, kidney failure and dangerously high blood calcium levels. It is also one of the cancers for which treatment options have advanced the most quickly in the last five years. As a result, expert, patient-centered care for patients with myeloma is essential, and not always readily available.

In the community setting, myeloma is frequently managed by medical oncologists rather than by hematologists. Yet, many oncologists receive relatively little training in this specialized cancer. Most oncology training is focused on more common cancers such as breast, colon and lung cancer, and the complexities of myeloma may not be addressed.

There is a growing need for advanced clinical training in malignant hematology, and in particular for clinical training in multiple myeloma. Lymphoma will also be a disease site for which the oncology fellow will get a significant focus of training in.

The Donor:

James Drewry Stewart (March 29, 1941 – December 3, 2014) was a Canadian mathematician, violinist, and the professor emeritus of mathematics at McMaster University. He received his master of science at Stanford University and his doctor of philosophy from the University of Toronto in 1967. He worked for two years as a postdoctoral fellow at the University of London. Dr. Stewart's research focused on harmonic analysis and functional analysis.

Dr. Stewart is best-known for his series of calculus textbooks used for high school, college, and university level courses. His books are standard textbooks in universities in many countries. One of his most popular textbooks is *Single Variable Essential Calculus: Early Transcendentals*.

Dr. Stewart, upon his death, bequeathed a significant gift to St. Michael's Hospital to be used toward multiple myeloma cancer care.

Terms of Reference:

- “*The James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology*” will provide a **six to 12 month fellowship** to oncology or hematology trainees who have completed their core training and are seeking additional clinical training in myeloma and other blood cancers.
- The Fellowship is intended for trainees who plan to go into clinical practice, including in the community setting.
- Fellowships will be tailored to the interests of the trainee, and there will be opportunities to incorporate training in patient-centered care, quality improvement techniques, and education.
- Other topics such as cancer-associated blood clots and benign hematology will be incorporated depending on the trainee’s interests and training needs.
- Awards will be made annually to one or more qualified applicants chosen from all those who apply.

The Fellowship Award:

“*The James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology*” will offer trainees a minimum stipend of **\$80,000 per year**. It is expected that Fellows will earn additional income per year through direct OHIP billing during their “on-call” periods. The fellowship will also include a minimum of **\$2,500 per year** to cover travel and registration expenses to enable the Stewart Fellow to attend at least one major international conference in myeloma during their fellowship year.

An initial survey of Oncology trainees across Canada indicates a high level of interest in this type of training. In addition to meeting a clinical need for patients, it is anticipated that “*The James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology*” will make trainees more competitive for clinical oncology positions, and help them successfully compete for the relatively small number of full-time oncology positions available in Canada.

Application Procedure:

Applicant must submit the following:

1. Completed *James Drewry Stewart Fellowship in Multiple Myeloma and Malignant Hematology* form
2. CV
3. Statement of intent
4. Applications will be reviewed by the Stewart Fellowship Committee

Recognition:

The participants in this program will be known as *The James Drewry Stewart Fellows* and any publications arising from their education and research will credit the fellowship for its support of their work.