For more information about our Fellowship Program in Hematology-Oncology and our Training Program in Hematology-Related Research, please visit our website:

http://www.med.umn.edu/hot/

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WE STRONGLY ENCOURAGE APPLICATIONS FROM MINORITIES
The HOT Division at the University of Minnesota Medical School provides a superb environment for training in Hematology and Oncology for MD and PhD trainees seeking thorough preparation for careers in Academic Medicine, with emphasis on either clinical or laboratory-based research.

Trainees have access to our research training program via two routes. MDs who wish to combine clinical and research training can enter our Heme-Onc Fellowship Program. PhDs or MDs interested only in research training may enter our Training Program in Hematology-related Research.

**Highlights of the HOT Division**

- Faculty with wide ranging expertise
- Accredited Fellowship Program in Hematology-Oncology
- NIH funded Training Grant in Hematology-related research
- One of the world’s largest BMT programs
- NIH-funded Program Project Grants in sickle vascular pathobiology stem cell biology hematopoietic stem cell natural killer cell
- World class research programs in breast & lung tumor biology bone marrow transplantation hemostasis/thrombosis immuno-therapy sickle disease stem cell biology vascular biology eosinophil biology
- Gene therapy programs in sickle disease hemophilia cancer

**Hematology-Oncology Fellowship Program**

Our Fellowship Program is focused on training MDs for Academic careers and features a curriculum that is carefully designed to optimize the training experience in both clinical and research arenas. We accomplish this by combining rigorous educational experiences with the flexibility to meet individual training needs.

**Program Highlights**

- Curriculum tailored to trainee needs
- Excellent clinical training in a variety of in-patient and out-patient settings, with exposure to a variety of practice styles
- Mentoring Committee guiding career development
- Training focused on: the pathophysiologic principles underlying blood diseases and cancer, as well as state of the art therapy; development of fund of knowledge and of clinical (both inpatient and outpatient) skills; communication and humanistic skills; understanding of bioethical issues; development of discipline and habits that provide for a lifetime of self-education and clinical improvement; development of teaching skills
- Resource-rich and intellectually stimulating environment
- Development of research skills (see next page)
- High rate of placement of graduates in academic jobs

**Training Program in Hematology-Related Research**

Our NIH-funded T32 Research Training Program is focused on training MDs and PhDs for academic careers that emphasize Hematology-related Research. We are seeking a diverse group of applicants who wish to pursue careers as biomedical scientists. Our Program features a curriculum that is designed to develop the many skills required for a scientist to have a sustained career as an independent and funded investigator. Trainees enter this Research Training Program either directly or via our Heme-Onc Fellowship (see previous section).

**Program Highlights**

- Participation in high-impact exercises, such as journal clubs and seminars in the trainee’s specific area of interest
- Training in either clinical or laboratory research
- Masters Program in Clinical Research for those on a clinical research track
- Training with world-leading research faculty mentors
- Emphasis on building multiple academic skills (e.g., grant writing, verbal and written communication, critical thinking, experimental design, experimental execution, data analysis, bioethics, networking skills, etc)
- Resource-rich and intellectually stimulating environment, with multiple supporting scientific Centers and Institutes
- Opportunities to participate in national/international collaborations and meetings
- High rate of placement of graduates in academic jobs