

FELLOWSHIP PROGRAM IN HEMOSTASIS AND THROMBOSIS

Appointment start date for this training opportunity is July 1, 2019 with an expectation of one year of training. Additional support beyond June 30, 2020 can be considered on an individual basis.

Please contact Dr. Steven Pipe at ummdswp@med.umich.edu if interested.

The University of Michigan Pediatric Hemophilia and Coagulation Disorders Program, in partnership with the **Indiana Hemophilia and Thrombosis Center (IHTC)**, invites qualified applicants for the 2019-2020 and 2020-2021 Fellowship Program in Hemostasis and Thrombosis. Pediatric hematology and oncology fellows in the final year of their clinical fellowship are invited to apply. This fellowship seeks to combine the unique strengths of the resources available at the University of Michigan and the IHTC. Fellows will have the opportunity to train under the mentorship of Dr. Steven Pipe and Dr. Amy Shapiro.

The objectives of the fellowship are: 1) to provide trainees with a major interest in a career in hematology focused training in clinical hemostasis and thrombosis,

2) to equip the postdoctoral trainees for independent, academic clinically-oriented careers in the field of hemostasis and thrombosis, and 3) to mentor post-doctoral trainees as skilled clinicians in the comprehensive care of individuals with bleeding and thrombotic disorders. The University of Michigan has a strong track record of successfully training leaders in coagulation disorders. To accomplish these goals, fellows will be involved in wide ranging clinical experiences, and have the opportunity to design and direct their own research project.

The clinical experience, which is primarily at the C.S. Mott Children's Hospital at the University of Michigan, will include management of patients with disorders of hemostasis and thrombosis within the inpatient and outpatient setting. Fellows

will be appointed in the Department of Pediatrics at the Instructor level and will have attending physician privileges. They will play an active role in running a dedicated inpatient coagulation consult service.

The outpatient service includes participating in multidisciplinary integrated care clinics within the hemophilia treatment center. The University of Michigan provides care for >150 pediatric patients with inherited bleeding disorders and >100 active pediatric thrombosis patients per year. The

clinical program also includes a combined hematology and gynecology clinic for women and girls with bleeding and thrombotic disorders. Additionally, the fellow will receive training in the special coagulation laboratory, participating and interpreting assays under the supervision of the Special Coagulation Laboratory Director (Dr. Pipe).

Distinctive opportunities available through the IHTC include outreach strategies and care of culturally diverse populations such as the Old Order Amish; treatment of patients with rare coagulation disorders; use of point of care ultrasound; standardization for planning of surgical procedures; design of quality assurance protocols; implementation of programs to standardize care; participation in national education programs (i.e. Partners); and design of and evaluation of center databases (i.e. surgery database).

The research experience can be tailored to the individual's own experience, interests and goals. Investigators within the program conduct numerous research studies ranging from basic laboratory bench work to translational studies and clinical trials. Research strength at the University of Michigan is in the area of molecular mechanisms of hemophilia, structure-function of coagulation factor VIII, as well as research into genetic modifiers of hemostasis and thrombosis through murine and zebrafish genetic model systems. Clinical trial activities include investigator-initiated studies, projects conducted through the American Thrombosis and Hemostasis Network, pharmaceutical trials with novel therapeutics for hemophilia and Phase I-III human trials in gene therapy for hemophilia.



C.S. MOTT CHILDREN'S HOSPITAL
MICHIGAN MEDICINE



**INDIANA
HEMOPHILIA &
THROMBOSIS
CENTER, INC.**