



PhD Program in Basic and Translational Science: Mentor Support

Clinical & Translational Science Institute of Southeast Wisconsin
Due

The [Basic and Translational Science Program](#) builds on previous successful programs in the areas of biochemistry, biophysics, cell biology, genetics, microbiology, neurosciences, pharmacology, physiology and toxicity to develop translational research training. This program prepares students to carry out research that narrows the gap between current basic science knowledge and clinical practice and direct their own research to answer questions generated at the bedside.

Participants in the Basic and Translational Science Program will be expected to:

- Rigorously train in basic science under the direction of their primary dissertation mentor, and supplement their training with credentials in translational research, emerging as an investigator capable of thinking broadly and logically about clinical problems.
- Promote research that bridges the gap between basic science knowledge and clinical practice.
- Build a team of collaborators that will translate basic science research findings into patient care.

I _____ grant _____ my support in their pursuit of additional training to supplement their PhD degree. I understand that this includes:

Primary Mentor Initial:

(12) Advanced Course Requirements in Translational Science Courses – may overlap with existing curriculum requirements. Includes: Pathophysiology, Biostatistics, or related translational research courses.

Participation in (3) years of monthly Basic and Translational Science Seminars, including (1) seminar in which they will present a translational component of their own research project.

Participation in (1) credit hour of Boundaries of Science and Medical Practice taken over six weeks in the spring semester.

(12) hours of participation in clinical rounds – to be conducted over three consecutive days under the supervision of licensed healthcare providers.

Inclusion of (1) translational dissertation specific aim, including: biomarker discovery/validation, development of drugs, diagnostic tools, or models for disease, characterization of the biological effects of therapeutics, etc.

Inclusion of (1) clinical mentor to participate in either the participant's dissertation committee, or as an informal mentor with (3) 1-hour meetings to discuss the translational relevance of the participant's research.

The Basic and Translational Science Program is training intended to supplement and enhance the participant's doctoral training. Individualized learning plans will be completed at the end of the first year of the program and approved by both the Primary Dissertation Mentor, the Basic and Translational Science Program Director and Co-Directors. Completion of this training will be reflected on the participant's transcript.

Primary Dissertation Mentor Signature

Date

Applicant Signature

Date