

Mission: To train outstanding interdisciplinary researchers who will discover the principles underlying the structure and functions of microbial communities and apply these principles to understand and alleviate important problems affecting human health and the environment.

- ★ **Funding** for dissertation research, trainings and travel.
- ★ **Support** equivalent to a GSRA (tuition, stipend, & insurance) for up to 2 years.



Requirements:

- 1) **Two mentors:** one with laboratory and the other with population-based or mathematical modeling expertise
- 2) **Completion of individualized interdisciplinary training program** including didactic and practical training in a) population studies; b) laboratory techniques; c) statistics/bioinformatics; and d) mathematical modeling
- 3) **Dissertation research incorporates laboratory *and* population approaches**
- 4) **Completion of full PhD requirements in home department**

How to apply (ITiMS.med.umich.edu):

Students can self-nominate or faculty can nominate incoming or current graduate students for ITiMS support. Proposed mentors - one with expertise in the laboratory sciences, the other with expertise in population studies or mathematical modeling - must write a letter of support agreeing to mentor the applicant should funding be awarded. **Application Deadline: February 8, 2019**

Directors: Betsy Foxman (bfoxman@umich.edu); Thomas Schmidt (schmidt@umich.edu)

ITiMS.med.umich.edu

Made possible with funds from the Burroughs Wellcome Fund