

Mentor Nomination Letter

Thank you for agreeing to be an ITiMS mentor. ITiMS associates have two mentors: one with laboratory expertise and one with expertise in either mathematical modeling or population approaches (see below for descriptions). Please include the following information when writing your student's nomination letter:

1. Please introduce yourself, and state whether your mentorship will be focused primarily on population or laboratory sciences or mathematical modeling (see below for descriptions).
2. Describe in what capacity you know this student and how long have you known them.
3. Describe the student's strengths and appropriateness for the program.
4. Please discuss how you will contribute to and benefit from you and your student being involved with ITiMS.
5. Please include the following statement: "I understand that as an ITiMS mentor I will ensure that <student's name> completes all ITiMS requirements."

Population sciences: Studies of populations of microbes, humans or environmental patches conducted using ecologic and epidemiologic principles.

Laboratory sciences: Traditional laboratory methods for identifying species and characterizing the physiology of an organism and the 'Omics applied to clinical or population samples or samples from animal or *in vitro* experimental models.

Mathematical modeling: Analytic methods required to make sense of micro- and/or macro-population patterns, interactions and functions. These include dynamic and simulation models, statistical methods, and bioinformatics.