

Translational Bioengineering PhD Program

Clinical Practicum Requirements

All students enrolled in Clinical Practicum must fulfill the following requirements:

1 – Students are responsible for completing any requirements (e.g. HIPPA training, TB test, etc.) set forth by the medical facility where observations will be conducted. Students must contact medical facility coordinator to determine requirements.

2 – Complete a minimum of 40 hrs of clinical observations/rotations. As evidence of clinical observation hours, maintain a log indicating date, hours of observation/rotation, and signature of clinical supervisor for each session.

3 – Maintain a database of de-identified clinical cases observed to include at minimum date(s) observed, assigned patient ID, disorder/disease, clinical presentation, patient status.

4 – Prepare a case study or cases series report on a specific disorder/disease based on your observations. Report must include the following sections:

- a. Background on disorder/disease
- b. Medical history
- c. Clinical presentation
- d. Differential diagnosis & final diagnosis
- e. Pathophysiology of disorder/disease
- f. Prognosis
- g. Treatment plan
- h. Outcome (if available within duration of observations)
- i. Discussion
 - 1) potential role/influence of bioengineering related to this disorder/disease
 - 2) how has/will this experience impact your perceptions and research
 - 3) other

Items 2 through 4 must be submitted electronically to student's research mentor, clinical supervisor and Translational Bioengineering Program Directors on or before the last day of final exams (in same term when student is enrolled for Clinical Practicum).