BME M.Eng Immersion Term

First-hand experience in a clinical environment

Who:
Selected BME Master of Engineering students

What:
Get exposure to the clinical environment in an intensive hands-on experience with three components:

- Pre-hospital orientation and skills/protocol introduction
- One week hospital rotations
- Post-week assignment and wrap-up meeting

When:
Multiple offerings per year, currently: pre-Fall term, Winter Immersion, or Spring break

Where:
Robert Packer Clinical Research Foundation and Hospital located in Sayre, PA
Cortland Regional Hospital located in Cortland, NY

Why:
Each Master of Engineering participant will have the first-hand experience of shadowing research physicians in a variety of specialties such as surgical oncology, cardiovascular surgery, vascular surgery, interventional radiology, pathology, orthopedics, ICU, trauma and ER. Participants will also have access to the Skills Laboratory, where they will have one-to-one instruction using medical simulation equipment such as virtual bronchoscopes and even a computerized woman in labor. An important part of every student’s Master of Engineering experience is the 6 credit project. If the student chooses the Pre-Fall term week, the potential exists to join a project in the area of surgical technology with a clinical sponsor and a Cornell engineering mentor for a year-long practical experience in this important area of BME.

More information:
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