**Spring 2014 Undergraduate Clinical Research Experience: BME 499 (1) credit**

This is a special course offering in the BME program under the direction of Prof. Hazelwood. Students will work in small teams to follow the process for ordering blood-work and delivering results in the hospital setting at Hackensack University Medical Center (HUMC). Students will work directly on the hospital floor alongside clinical staff and physicians. The objective will be to understand and articulate the process and identify possibilities for process improvements. Currently, an order process may take more than an hour while the goal is to complete turnaround in 45 minutes, max. Students will work as a team to build a flow chart, write and time observations, and deliver a final report.

Enrollment is limited to 10 students, maximum. This research course will be available to UG students in good academic standing. It is geared toward sophomore and junior level students. Interested students should contact Dr. Hazelwood by e-mail: [vhazelwo@stevens.edu](mailto:vhazelwo@stevens.edu) BY DECEMBER 1st 2013, and include your GPA and a brief statement of interest. Students will be selected based upon their ability to meet all requirements and their academic standing.

*Minimum requirement*s:

Students must be available to meet on SIT campus with Prof Hazelwood on one Wednesday per month at 12.30 (dates TBD).

Students will spend approximately 2 hours per week at HUMC (Times to be arranged; most likely a weekday afternoon. There is *some* flexibility to accommodate students’ schedule here)

Student must be able to arrange his/her own transportation to HUMC. (A train runs from Hoboken to Essex Street station. You can look up the schedule on the New Jersey Transit website)

Students must satisfy HUMC Academic Affairs requirements, including submitting a health history and undergoing a PPD screening

Students must successfully complete [www.citiprogram.org](http://www.citiprogram.org) biomedical basic researcher course BEFORE January 14, 2014.