

Third Year Selectives

2023-2024 Academic Year

Emergency Medicine Selective

Course Director: Drs. Kelly Mayo and Zayir Malik

Course Coordinator: Tracie Peaks-Sandy (Tracie.Peaks-Sandy@bmc.org)

Students spend four weeks working in the Emergency Department of Boston Medical Center, the busiest Level 1 trauma center in New England. Working alongside our senior residents, attendings, and nursing staff, students take an active role in the initial evaluation and treatment of patients and gain exposure to a wide variety of illnesses, diagnostic approaches, treatments, and procedures. For many patients, the ED is their first entry into the medical system. Students have the opportunity to follow patients from their initial presentation, through their workup, and onto their diagnosis and treatment. Field exposure to the pre-hospital care system is through a ride-along with Boston EMS.

Students participate in weekly departmental conferences, as well as a didactic lecture series, ultrasound session and simulation curriculum designed specifically for them. The skills learned are as applicable to those going on to a career in EM, as to those entering other specialties.

Radiology Selective

Course Director: Harprit Bedi, M.D.

Course Coordinator: Mariama Bah (mariama.bah@bmc.org) 617-414-4914

The Department of Radiology offers a clinical 4-week rotation based at Boston Medical Center. The course is comprised of didactic lectures, departmental conferences, small group sessions on evidence-based imaging, case review sessions, and clinical observations in general radiology, pediatric imaging, musculoskeletal imaging, neuroradiology, abdominal and pelvic imaging, thoracic imaging, breast imaging and nuclear imaging.

Research Selective (RS)

Course Director: M. Isabel Dominguez, Ph.D. (isdoming@bu.edu)

Course Coordinator: Ana Gregory (anagreg@bu.edu)

Description:

The Research Selective gives the opportunity for M3 students who have an area of extracurricular concentration to further develop research skills as a continuation of prior Medical Student Summer Research Program (MSSRP) or other research. The goal of the RS is to help medical students develop a rigorous research plan that can be used towards the development of a publication and/or conference presentation, scholarship, or grant proposal application, or to explore a new academic area of interest. Students must have worked on a project (i.e., previous identification of a problem, data collection, analysis), or have a solid new project idea which builds upon prior work. Areas of concentration include, but are not limited to: biomedicine, clinical, global health, advocacy, urban health, population medicine, education, business and law, ethics, and quality improvement.

Students must have a research mentor who will help develop a rigorous research plan/study design and serve technical advisor. During the RS the research mentor will meet with the student to review and receive feedback on the project and deliverables; the research mentor will assign grade (Pass/Fail) to the student. The RS requires at least three sequential weeks of full-time work to complete the project and cannot include absences due to traveling, weddings, or other events. Students must submit a one-page final project summary no later than one week after the end of the block.

Procedure:

- In January before the start of the third year, students will request the research selective during the schedule optimization period. After the selective is confirmed as part of the student's third-year schedule, the student must submit their project proposal at [Research Selective Request Form](#) no later than six weeks before the start date of the selective.
- Project proposals will be reviewed by [Isabel Dominguez, PhD](#) and the student will be informed of approval via email. Approval requires submission of a well-designed project (with all components clearly described in the form below), appropriate approvals (e.g., IRB), and a project that may reasonably be accomplished in four weeks.
- Once the project is approved, [Ana Gregory](#) will add the student's research selective details (evaluator, etc) into the student's third-year schedule.
- At the end of the selective period, the research mentor will automatically receive an evaluation and assign a grade (Pass or Fail).

Outside of the schedule optimization period: Students who wish to add the RS to their third-year schedule after the schedule optimization period, may complete the steps above. The procedure for dropping an existing course from their third-year schedule and adding the RS are outlined at [Research Selective Request Form](#).