Research Electives

Obstetrics and Gynecology Research Electives

During the fourth year, opportunities exist for many varieties of advanced clinical or research experiences.

Sarah England, PhD
Indira Mysorekar, PhD
Celia Santi, PhD
Ramakrishma Kommagani, PhD
Katherine Fuh, MD, PhD

BJC Institute of Health, 10th Floor
Phone: 314-286-1775

During this six-week elective, students will have the opportunity to immerse themselves in bench research in reproductive science.

• Dr. England's laboratory focuses on uterine contractility and ion channels in the uterine myometrium.
• The Mysorekar lab studies the dynamics of tissue regeneration in the adult mammalian urinary bladder, the pathogenesis of a common infectious disease in women (namely, recurrent urinary tract infections), and the potential infectious etiology of preterm birth in pregnant women.
• Dr. Santi's work focuses on ion channels in mouse and human sperm.
• Dr. Fuh investigates cell signaling in ovarian cancer and the biology of ovarian cancer metastasis.

The main criteria for this rotation is that the student must have prior experience as an undergraduate or postgraduate in a laboratory, not including class work. This rotation is designed for the student who is planning a career in academic medicine as a physician-scientist and who is interested in considering reproductive science as a field. Prior to signing up for this course, the student must contact Dr. England to discuss the schedule and expectations of the rotation.