Department of Obstetrics and Gynecology

The Department of Obstetrics and Gynecology (http://www.obgyn.wustl.edu/) has clinical teaching services located at Barnes-Jewish Hospital and Missouri Baptist Medical Center under the following director:

Dineo Khabele, MD, FACOG, FACS
Mitchell and Elaine Yanow Professor and Head, Department of Obstetrics and Gynecology

In addition, for the purposes of teaching, clinical care and research, the Department of Obstetrics and Gynecology is divided into subspecialty divisions under the following directors:

Gynecologic Oncology
Matthew A. Powell, MD

Maternal-Fetal Medicine
Jeffrey M. Dicke, MD

Fetal Care Center
Michael W. Bebbington, MD, MHS

Imaging
Jeffrey M. Dicke, MD

Reproductive Endocrinology and Infertility
Randall R. Odem, MD

General Obstetrics and Gynecology
Eric A. Strand, MD

Female Pelvic Medicine and Reconstructive Surgery
(formerly Uro-Gynecology)
Jerry L. Lowder, MD, MSc

Family Planning
Tessa Madden, MD, MPH

Pediatric and Adolescent Gynecology
Holly R. Hoefgen, MD

Minimally Invasive Gynecologic Surgery
Scott W. Biest, MD

Research, Vice Chair
Sarah K. England, PhD

Clinical Research Director
Ebony B. Carter, MD, MPH

Reproductive Health Sciences Center, Director
Indira U. Mysorekar, PhD, MS

Residency Program Director
Eric A. Strand, MD

Residency Program Associate Director
Shelby M. Dickison, MD

Vice Chair for Education & WUSM III Clerkship Director
Tammy S. Sonn, MD

Course Director
Kenan R. Omurtag, MD

Website: http://www.obgyn.wustl.edu

Faculty

Department Head
Dineo Khabele, MD, FACOG, FACS

OB-GYN Student Clerkship Director
Tammy Sonn, MD (https://obgyn.wustl.edu/about/directory/tammy-l-sonn-md-facog/)

Visit our website for the most updated information about our faculty (http://www.obgyn.wustl.edu/content/199/faculty_listing.aspx) and their appointments.

A

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Assistant Professor of Clinical Obstetrics and Gynecology (primary appointment)
BA Saint Louis University 1980
MD Washington University in St. Louis 1984

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BA Saint Louis University 1997

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BA East Tennessee State Universi 2010

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PHD Wuhan University 2011
MS University of MO Columbia 2016

Darryl Thomas Zinck
Instructor in Clinical Obstetrics and Gynecology (primary appointment)

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.
Courses


M45 ObGyn 635B Obstetrics and Gynecology
The obstetric component of this course emphasizes the physiologic basis of normal pregnancy, parturition, and labor and delivery, and adaptations of other organ systems to pregnancy. Pathophysiology of pregnancy and deviations from normal labor will also be introduced. The gynecologic component of the course reviews embryology, and includes the topics pediatric and adolescent gynecology, amenorrhea, abnormal uterine bleeding, infertility, menopause, and diagnosis and treatment of gynecologic neoplasms.

Credit 16 units.

M45 ObGyn 730 OB/GYN Clerkship
All third-year medical students participate in a six-week clinical clerkship in Obstetrics and Gynecology. This is divided into three two-week components of outpatient OB/GYN, inpatient obstetrics and inpatient gynecology. Comprehensive study of the reproductive health needs of women in both the office setting and the surgical setting is the focus of the curriculum. Students are actively involved in all settings of health care delivery: outpatient faculty clinics within all specialties, resident ambulatory clinics, operating rooms for all obstetric or gynecologic cases, inpatient floors of L&D and Gynecology, and the emergency department/hospital inpatient consults. Faculty, fellows, residents, and nurse practitioners provide teaching for this rotation. Student-directed didactics include the faculty and chief resident lecture series, procedural skill station session and faculty-appointed preceptor groups that meet throughout their six-week rotation.

Credit 231 units.

M45 ObGyn 804 OB/GYN Generalist Outpatient Care Subinternship
This experience is designed to primarily acquaint the student with the diagnosis and care of outpatients. Students will work one-on-one with attending staff, to focus on an overview of evaluation, diagnosis, and treatment of common obstetric and gynecologic concerns. The subintern will spend the majority of time attending half day clinics and private offices. Overnight OB call is required (approximately 2 evening shifts) to acquaint the student with the house staff and hospital, providing opportunity to participate in deliveries. If desired, additional time can be arranged to participate in observe outpatient surgical procedures. A 30-45 minute presentation to attendings and house staff will culminate the rotation on a selected OB/GYN topic.

M45 ObGyn 810 OB/GYN Reproductive Endocrinology & Infertility Subinternship
The subintern will participate (in the office and hospital) in the study and treatment of women with reproductive endocrine disorders and infertility. The student will attend and present in conferences, attend surgery, observe assisted reproductive technology procedures, have assigned reading and be an integral part of the reproductive endocrine service. Opportunities for clinical research projects in reproductive endocrinology are also available.

M45 ObGyn 830 Gynecologic Oncology Subinternship
The subintern will take part in the work-up of tumor patients prior to surgery and/or radiotherapy, assist in pelvic operations, help render perioperative care, and review pathology specimens and slides. The student will participate in GYN Tumor Clinic sessions, make hospital rounds with house staff, accompany chief residents on consultations, and attend OB/GYN conferences. Opportunities for clinical or basic research projects in gynecologic malignancy are also available.

M45 ObGyn 833 Special Topics in Reproductive Health
Students will attend a variety of outpatient clinics to interact with patients seeking different prenatal care health services. These topics include family planning and abortion services at the Hope Clinic and BJH; general gynecology services at our faculty practice GYN clinic (WHC) and OB/GYN resident clinic (COH 3); specialized reproductive health services including STI testing and contraception at the St. Louis STD clinic, the SPOT, and C3 Clinic; and OB and pregnancy centering clinics at the Center for Outpatient Health and Affinia. There may also be an opportunity to attend an adolescent and pediatric gynecology clinic, a women's cardiology clinic, and an adult transgender care clinic. Clinical experiences will be mainly ambulatory, but there is potential to work with the Family Planning faculty physicians in the operating room at Barnes Jewish Hospital. The student will prepare a 15-20 minute presentation on a reproductive health topic of their choice to present at the end of the rotation.

M45 ObGyn 843 Maternal-Fetal Medicine Outpatient Care Subinternship
Students will see a variety of high-risk obstetrical patients in the outpatient setting in the Center for Outpatient Health. The student will evaluate various types of reproductive-age patients with medical or obstetrical complications, including preconception consultations, prenatal care consultations, and initial prenatal visits. The student will also see return patients to experience the continuity of prenatal care. Students will participate in antenatal testing and learn basic ultrasonography skills. The student will be responsible for one presentation to be given to the OB teams at the end of the rotation. Students are provided independent study time to put together the presentation, which should be created in PowerPoint and on a topic of their choice, inspired by a patient-related clinical condition that piqued their interest during the block. In addition, the student will have the option to take overnight call or call in the Pregnancy Assessment Center in order to gain more hands-on experience with inpatient obstetrics; this is voluntary and not a requirement.

M45 ObGyn 844 Maternal-Fetal Medicine Inpatient (Antepartum) Subinternship
Areas of patient care will include the Women's Assessment Center (WAC), the Antepartum Unit, and Labor & Delivery. The primary team will be the Antepartum Team, which includes a second-year and third-year OB/GYN resident, an MFM fellow, and the MFM attending. Students are expected to become functioning members of the antepartum team, with their own patients whom they will be responsible for rounding on and completing day-to-day tasks. Our patients include those who are admitted to the Antepartum Unit, various intensive care units, and other services with complications in pregnancy. The student will prepare a brief talk on a topic of their interest during the course of the rotation.
M45 ObGyn 855 OB/GYN Ultrasound: Genetics
Working with the attending physicians in the Ultrasound Units at the Center for Outpatient Health and the Center for Women’s Wellness at Missouri Baptist Medical Center, the student will learn the principles and techniques of non-invasive screening for fetal disorders and observe the performance of invasive prenatal diagnostic procedures. The student will also learn the standards and guidelines for performance of the antepartum obstetrical ultrasound examination and female pelvic examination. Normal and abnormal fetal and gynecologic anatomy will be reviewed. Experience will be gained in pedigree analysis and familial risk factor assessment by working with genetic counselors. One day is spent in the Cytogenetics Laboratory observing the preparation of prenatal specimens for karyotype analysis. Opportunities for participation in clinical research are also available.

M45 ObGyn 861 Female Pelvic Medicine & Reconstructive Surgery Subinternship
The subintern will take part in the office evaluation of patients with pelvic floor disorders (including pelvic organ prolapse, urinary incontinence, fecal incontinence, and birth injuries), assist in pelvic floor reconstructive surgical procedures, and participate in perioperative care. The subintern will participate in office sessions, surgical cases, and will be responsible for rounding with the Urogynecology resident on service, as well as participating in consultations. The subintern will attend FPMRS didactic educational sessions and OB/GYN conferences. The subintern will be required to do a 45-minute presentation on an Urogynecologic topic of choice by the end of the rotation. Opportunities for clinical research projects in Urogynecology are also available.

M45 ObGyn 875 Affinia Ambulatory OB/GYN Subinternship
Subinterns will be working one-on-one with a small subset of Affinia OB/GYN physicians at their office locations spread throughout St. Louis city. These federally-qualified health center sites will allow for a broad array of outpatient obstetrical and gynecologic exposures. Beyond general OB/GYN practice, this rotation will lend more perspective on access to care challenges and various aspects of health inequities.

M45 ObGyn 900 Research Elective - Obstetrics and Gynecology
Research opportunities may be available. If interested, please contact the Department of Obstetrics and Gynecology.