

OBSTETRICS AND GYNECOLOGY

Courses offered by the Department of Obstetrics and Gynecology are listed under the subject code OBGYN on the (<http://explorecourses.stanford.edu/CourseSearch/search/?view=catalog&catalog=&page=0&q=OBGYN&filter-catalognumber-OBGYN=on>) Stanford Bulletin's (<http://explorecourses.stanford.edu/CourseSearch/search/?view=catalog&catalog=&page=0&q=OBGYN&filter-catalognumber-OBGYN=on>) ExploreCourses web site (<http://explorecourses.stanford.edu/CourseSearch/search/?view=catalog&catalog=&page=0&q=OBGYN&filter-catalognumber-OBGYN=on>).

The Department of Obstetrics and Gynecology does not offer degrees; however, qualified medical, graduate students, or undergraduates with an interest in basic research in reproductive biology may apply to arrange individual projects under the supervision of the faculty. The focus for the Division of Reproductive, Stem Cell, and Perinatal Biology is the study of the molecular and cellular biology of male and female reproductive organs.

Chair: Leslee L. Subak, Professor

Vice Chair: Maurice L. Druzin, Professor

Division of Gynecology

Paul Blumenthal, M.P.H., Professor – Director

Paula Hillard, Professor, Associate Chair, Medical Education; Director, Pediatric/Adolescent Gynecology

Juno Obedin-Maliver, Assistant Professor – Co-Director of PRIDE

Deirdre Lum, Clinical Assistant Professor

Leah Millheiser, Clinical Assistant Professor

John Wachtel, Clinical Professor

Diana Atashroo, Clinical Assistant Professor

Stephanie Cizek, Clinical Assistant Professor

Division of Family Planning

Paul Blumenthal, Professor, Director

Kate Shaw, Clinical Associate Professor – Associate Division Director, Family Planning

Lisa Goldthwaite, Clinical Assistant Professor

Erica Cahill, Clinical Assistant Professor

Amy Voedisch, Clinical Assistant Professor

Jade Shorter, Clinical Assistant Professor

Michele Hugin, Clinical Associate Professor

Division of Gynecologic Oncology

Oliver Dorigo, Associate Professor; Director

Amer Karam, MD Clinical Associate Professor, Associate Director, Director of Outreach

Jonathan Berek, MMS, Professor

Nelson N.H. Teng, Professor

Erinn Rankin, Assistant Professor

Valerie Sugiyama, Clinical Assistant Professor

Elizabeth Diver, Clinical Assistant Professor

Babak Litkouhi, Clinical Assistant Professor

Venkatesh Krishnan, Instructor

Isabel Lazo, Clinical Assistant Professor

Malte Renz, Instructor

Division of Female Pelvic Medicine & Reconstructive Surgery/Urogynecology

Bertha Chen, Professor; Chief

Leslee L. Subak, Professor

Eric Sokol, Associate Professor

Lisa Rogo-Gupta, Clinical Associate Professor

Kavita Mishra, Clinical Assistant Professor

Division of Reproductive Endocrinology and Infertility

Ruben Alvero, Professor; Director

Barry Behr, HCLD, Professor (non-clinical)

Amin Milki, Professor

Ruth Lathi, Professor; Director, REI Fellowship

Steven Nakajima, Clinical Professor

Lusine Aghajanova, Clinical Assistant Professor

Anna Sokalska, Clinical Assistant Professor

Gaya Murugappan, Instructor, Associate Director, REI Fellowship

Division of Maternal-Fetal Medicine

Yasser El-Sayed, Professor; Director

Deirdre Lyell, Professor, Associate Director; Director, MFM Fellowship

Maurice Druzin, Professor

Yair Blumenfeld, Associate Professor

Jane Chueh, Clinical Professor

Natali Aziz, Clinical Associate Professor

Katherine Bianco, Clinical Associate Professor

Mark Boddy, Clinical Associate Professor

Martha Rode, Clinical Associate Professor

Scarlett Karakash, Clinical Assistant Professor

Amy Judy, Clinical Assistant Professor

Tiffany Herrero, Clinical Assistant Professor

Erica Wu, Clinical Assistant Professor

Charlotte Conturie, Clinical Assistant Professor

Elliot Main, Clinical Professor

Ronald Gibbs, Clinical Professor

Stephanie Leonard, Instructor

Division of General Obstetrics

Yasser El-Sayed, Professor; Director

Kay Daniels, Clinical Professor

Jeffrey Faig, Clinical Professor

Kimberly Harney, Clinical Professor

Laura Brodzinsky, Clinical Associate Professor

Susan Crowe, Clinical Associate Professor

Cynthia DeTata, Clinical Assistant Professor

Caroline Bowker, Clinical Professor

Sylvie Blumstein, Clinical Assistant Professor

Kathryn Sanserino, Clinical Assistant Professor

Joanne Nino, Clinical Instructor

Colleen Moreno, Clinical Instructor – Nurse Midwife

Division of Reproductive, Stem Cell and Perinatal Biology (Research)

Virginia Winn, Associate Professor; Director

Aaron J. Hsueh, Professor

Vittorio Sebastiano, Assistant Professor

Roger Pedersen, Adjunct Professor

Courses

OBYGN 81Q. Perspectives on the Abortion Experience in Western Fiction. 3 Units.

Explores the role of media in delivering abortion-related messages as well as the broader questions of how abortion and related issues are fundamentally integrated into the social fabric of US and global societies. Abortion remains one of the most controversial and polarizing challenges of our time. Yet, it has been a clinical, social, political, and cultural fact in a broad swath of societies for centuries. As is common for such lightning rod issues, the topic of abortion has featured prominently in novels and films. Each treatment provides a unique perspective on at least one aspect of abortion, whether it be clinical, social, political or cultural. How abortion is portrayed in novels and films provides the student of history, anthropology, and biology with insights into the author's or director's perspectives, and into societal attitudes and mores.

OBYGN 82Q. Demystifying Pregnancy. 3 Units.

A unique course designed to educate future leaders in diverse fields on maternal health and pregnancy related issues. We encourage enrollment for students of all majors and genders. Students will learn strategies for searching and evaluating health information. We will discuss behavioral, social, cultural and economic factors that affect maternal and fetal wellbeing, along with the impact of health disparities, health promotion, disease prevention strategies and future health challenges. Material will include introductory basic science of maternal and fetal physiology, prenatal care, labor and birth, breastfeeding, nutrition and exercise, the pregnant athlete, advanced maternal age, assisted reproduction, surrogacy, teratogens, toxins and environmental change, genetics and epigenetics. We will touch on potentially controversial topics such as prenatal diagnostic testing, ethics and health policy, access to care and health disparities in both fetal and maternal outcomes, homelessness and incarceration, domestic violence and reproductive coercion, teen pregnancy, LGBTQ pregnancy, BMI and eating disorders, substance abuse, problems related to employment, cultural beliefs, myths misconceptions, pregnancy in history as shown in art, and issues of the future. Prerequisites are not necessary. This is meant to be an introductory course for non science majors who wish to incorporate knowledge of maternal health into their future careers as policy makers and thought leaders.

OBYGN 199. Undergraduate Research in Reproductive Biology. 1-18 Unit.

Students undertake investigations sponsored by individual faculty members. Prerequisite: consent of instructor.

OBYGN 216. Current Issues in Reproductive Health. 1 Unit.

Reproductive Health is a broad subject encompassing many concepts and practices. Issues and services within the context of reproductive health include such diverse topics as fertility, pregnancy, contraception, abortion, sexuality, menopause and parenting. Course focuses on topics related to abortion services, fertility and contraception; current research and practices in family planning; legislation and issues of access.

OBYGN 222. Obstetrics and Gynecologic Skills Simulation. 1-2 Unit.

This course will give students the opportunity to develop the necessary skills critical to practicing Ob/Gyn clinicians. Simulations will be used to help students practice procedures and apply knowledge without risk of injury to patients. A variety of simulation models will be used to practice a range of possible Ob/Gyn conditions and procedures, including but not limited to deliveries, family planning, ultrasound & pre-natal care, and infertility care. Each sessions will include an introductory didactic lecture, followed by simulation practice.

OBYGN 256. Current Topics and Controversies in Women's Health. 2-3 Units.

(HUMBIO students must enroll in HUMBIO 125. PhD minor in FGSS must enroll in FEMGEN 256. Med students must enroll in OBYGN 256.) Interdisciplinary. Focus is primarily on the U.S., with selected global women's health topics. Topics include: leading causes of morbidity and mortality across the life course; reproductive (e.g. gynecologic & obstetric) health issues; sexual function; importance of lifestyle (e.g. diet, exercise, weight control), including eating disorders; mental health; sexual and relationship abuse; issues for special populations. In-class Student Debates on key controversies in women's health. Guest lecturers. Undergraduates must enroll for 3 units. PhD minor in FGSS should enroll for 2 - 3 units. Med students can enroll for 2 units. To receive a letter grade in any listing, students must enroll for 3 units. This course must be taken for a letter grade and a minimum of 3 units to be eligible for Ways credit. In 2020-21, a letter or CR grade will satisfy the Ways requirement. Enrollment limited to students with sophomore academic standing or above. Undergraduate prerequisite: Human Biology Core or Biology Foundations or equivalent or consent of instructor. Same as: FEMGEN 256, HUMBIO 125

OBYGN 280. Early Clinical Experience in Obstetrics and Gynecology. 1-2 Unit.

Provides an observational experience as determined by the instructor and student. Prerequisite: consent of instructor.

OBGYN 282. Pregnancy, Birth, and Infancy. 3 Units.

Comprehensive clinical experience where pre-clinical medical students follow pregnant women receiving care at Stanford hospitals to attend prenatal visits, delivery, and postnatal visits. Continuity clinic format, combined with didactic lessons and discussion seminars. Students are exposed to clinical activities in a meaningful context, bolstering classroom studies in anatomy, physiology, embryology and human development, and emphasizing social, economic, and personal issues related to medicine. This program spans one quarter, covering topics related to pregnancy, labor and delivery and newborn care. Students are expected to be engaged in the clinical experiences throughout the quarter and attend the weekly 2-hour seminar. Prerequisite: pre-clinical medical student or physician assistant student. Course directors: Janelle Aby, MD and Yasser El-Sayed, MD. TAs: Jill Anderson (janders5@stanford.edu) and Jenny Tiskus (tiskus@stanford.edu). Same as: PEDS 282

OBGYN 299. Directed Reading in Obstetrics and Gynecology. 1-18 Unit.
Prerequisite: consent of instructor.

OBGYN 300A. Obstetrics and Gynecology Core Clerkship. 9 Units.

VISITING: Closed to visitors. TYPE OF CLERKSHIP: Required.
DESCRIPTION: Provides the student with skills and knowledge needed to provide comprehensive OBGYN for patients across the lifetime age-spectrum, including preventative care, gynecologic care, and perinatal care from preconception counseling through pregnancy, labor & delivery, and the postpartum period. The clerkship is a full-time, 6-week rotation at one of 3 clinical sites: Stanford University Medical Center, Santa Clara Valley Medical Center, and Kaiser Santa Clara. Emphasis is placed on history and physical examination skills pertinent to preventative care and OBGYN specialty care. The student will learn about the evaluation and management of pregnancy, antepartum and intrapartum conditions, participate in deliveries, and participate in ambulatory gynecologic care and gynecologic surgical procedures through the outpatient clinics and inpatient settings including Labor and Delivery and the operating room. The student participates in academic functions of the department including conferences, grand rounds, lectures, and weekly case studies. The first day of the clerkship is a full day orientation which includes the syllabus review, core didactics and a hands-on simulation of OB and Surgical skills. Student participation is mandatory for the first day orientation and skills simulation lab, weekly case-based didactic sessions, and the NBME shelf exam. The NBME shelf exam is held on the last day of the clerkship; to allow for special accommodations, the student may be allowed to take the NBME shelf exam after the clerkship ends on a case by case basis after discussion with the Clerkship Director. No drops allowed. PREREQUISITES: None. PERIODS AVAILABLE: 1-12, full-time for 6 weeks, 14 students per period. CLERKSHIP DIRECTOR: Rachel Chan Seay, M.D. CLERKSHIP COORDINATOR: Melody King, 857-928-6624. REPORTING INSTRUCTIONS: Where: HH330, Ob/Gyn Conference Room, students will be sent information by e-mail; Time: 8:00 am. CALL CODE: 2 (Stanford students rotate through Obstetrics for 2 weeks. During these 2 weeks students are assigned two weekend calls from 8am-7pm. Kaiser and Valley students take 1 weekend call as well as 1 week of night float. OTHER FACULTY: Staff. LOCATION: SUMC, SCVMC, KPMC.

OBGYN 304A. Inpatient Gynecology Clerkship. 3-6 Units.

VISITING: Open to visitors. TYPE OF CLERKSHIP: Selective 2.
DESCRIPTION: Exposes students to advanced care of benign gynecologic diseases in the inpatient and operative settings with full-time faculty and community physicians at Stanford University Medical Center. Students should perform as a core member of the benign gynecology team. Expect to be involved in inpatient care including rounding, consultations and surgical cases, Emergency Room care including consultations and procedures, and outpatient care including routine visits and triage. Students participate in departmental teaching, lectures, and grand rounds, and are expected to present a case discussion highlighting a notable clinical experience or topic. Note: Visiting students contact Gloria King, Residency Administrator, for application approval (gking1@stanford.edu). Interested students must send their CV, USMLE score(s), current transcript and a letter of recommendation from their Ob/Gyn Clerkship Director attesting to clinical abilities (i.e. proficient H&Ps and exam skills) at least 4-6 weeks prior to the start of the period in which the student would like to enroll. The letter of recommendation must be emailed to Gloria by the letter writer or their supporting administrative assistant. PREREQUISITES: OBGYN 300A. PERIODS AVAILABLE: 1-12, full-time for 2 weeks or 4 weeks, 1 student per period. CLERKSHIP DIRECTOR: Nichole Tyson, M.D. CLERKSHIP COORDINATOR: Jennifer Nguyen 650-725-5986, 300 Pasteur, Room G304, Stanford, CA 94305. REPORTING INSTRUCTIONS: Where: Upon acceptance of your application, please contact coordinator to obtain detailed information; Time: 8:00 am. CALL CODE: 0. OTHER FACULTY: P. Blumenthal, E. Cahill, L. Goldthwaite, M. Hugin, J. Junn, M. Khan, J. Obedin-Maliver, K. Sanserino, R. Seay, K. Shaw, J. Shorter, L. Subak, A. Voedisch, J. Wachtel. LOCATION: SUMC.

OBGYN 305A. Family Planning Clerkship. 3-6 Units.

VISITING: Open to visitors. TYPE OF CLERKSHIP: Elective. DESCRIPTION: Open to highly motivated students, including visitors. Students will have the opportunity learn about complex contraception and abortion care, including long-acting reversible methods, contraception for the medically complex patient, medication abortion, and surgical abortion. Students will work with Faculty and Fellows in Complex Family Planning Division at a variety of clinical settings, including Stanford ambulatory clinic and operating room, as well as community locations such as Planned Parenthood. Please note: ALL students must obtain approval through Gloria King, Residency Program Manager, prior to applying for this clerkship. Please e-mail requests to gking1@stanford.edu. To apply for approval, visiting students must send their CV, a paragraph explaining their interest in learning about contraception and abortion specifically along with USMLE score(s), current transcript and a letter of recommendation from the Ob/Gyn Clerkship Director or a faculty mentor attesting to clinical abilities (i.e. proficient H&Ps and exam skills). The letter of recommendation must be emailed to Gloria by the letter writer or their supporting administrative assistant. Stanford students must submit only a paragraph explaining their interest in learning about contraception and abortion specifically. All required documents must be received at least 4-6 weeks prior to the start of the period in which the student would like to enroll. PREREQUISITES: OBGYN 300A and SURG 300A. PERIODS AVAILABLE: 1-12, full-time for 2 weeks, 1 student per period. CLERKSHIP DIRECTOR: Erica P. Cahill, M.D. CLERKSHIP COORDINATOR: Victoria Contreras, vcontrer@stanford.edu. REPORTING INSTRUCTIONS: Where: 300 Pasteur Dr, Room HG332; Time: 9:00 am. CALL CODE: 0. OTHER FACULTY: Staff. LOCATION: SUMC.

OBGYN 306A. Reproductive Endocrinology-Infertility Clerkship. 3-6 Units.

VISITING: Open to visitors. **TYPE OF CLERKSHIP:** Elective. **DESCRIPTION:** Exposes students to the work-up and management of infertility and common reproductive endocrinology problems. Includes extensive exposure to assisted reproductive technologies and some exposure to ambulatory surgery. Note: Visiting students must obtain approval through Gloria King, Residency Program Manager, prior to applying for this clerkship. Please e-mail requests to gking1@stanford.edu. Interested students must send their CV, USMLE score(s), current transcript and a letter of recommendation from the Ob/Gyn Clerkship Director or a faculty mentor attesting to clinical abilities (i.e. proficient H&Ps and exam skills). The letter of recommendation must be emailed to Gloria by the letter writer or their supporting administrative assistant. These items must be sent at least 4-6 weeks prior to the start of the period in which the student would like to enroll. Students should check with Dr. Milki's office regarding the schedule for in vitro fertilization. Not recommended to take this clerkship in P2A, P2B and P3A – light schedule. **PREREQUISITES:** OBGYN 300A. **PERIODS AVAILABLE:** 1-12, full-time for 2 weeks, 1 student per period. **CLERKSHIP DIRECTOR:** Amin Milki, M.D. **CLERKSHIP COORDINATOR:** Tracy A. Lindsay, 408-426-5483, tracyl@stanford.edu. **REPORTING INSTRUCTIONS:** Where: Stanford Fertility and Reproductive Health, 1195 West Fremont Ave, Sunnyvale, CA 94087; Time: 8:00 am. **CALL CODE:** 2 (no call, weekend operating). **OTHER FACULTY:** Staff. **LOCATION:** SUMC.

OBGYN 307A. Maternal-Fetal Medicine Clerkship. 3-5 Units.

VISITING: Open to visitors. **TYPE OF CLERKSHIP:** Selective 2. **DESCRIPTION:** Provides a focused experience in the care of ambulatory and hospitalized high-risk obstetric patients at Stanford University Medical Center. The student serves as a sub-intern with responsibility for ongoing care of assigned patients with problem pregnancies, under the supervision of the faculty of the Division of Maternal-Fetal Medicine. Note: Visiting students must obtain approval through Gloria King, Residency Program Manager, prior to applying for this clerkship. Please e-mail requests to gking1@stanford.edu. Interested students must send their CV, USMLE score(s), current transcript and a letter of recommendation from the Ob/Gyn Clerkship Director or a faculty mentor attesting to clinical abilities (i.e. proficient H&Ps and exam skills). The letter of recommendation must be emailed to Gloria by the letter writer or their supporting administrative assistant. These must be sent at least 4-6 weeks prior to the start of the period in which the student would like to enroll. **PREREQUISITES:** OBGYN 300A. **PERIODS AVAILABLE:** 1-12, full-time for 2 weeks or 4 weeks, 1 student per period. **CLERKSHIP DIRECTOR:** Dr. Charlotte Conturie. **CLERKSHIP COORDINATOR:** Jacquie Laskey (650-725-8623), HH333. **REPORTING INSTRUCTIONS:** Where: F2 Conference Room, LPCH; (OB faculty member on rounds); Time: 8:00 am. **CALL CODE:** 2 (optional). **OTHER FACULTY:** Staff. **LOCATION:** SUMC.

OBGYN 308A. Gynecologic Oncology Clerkship. 5 Units.

VISITING: Open to visitors. **TYPE OF CLERKSHIP:** Selective 2. **DESCRIPTION:** Rotation where one student will function as a subintern on the gynecologic oncology service. Involves evaluation of outpatients in gynonc clinic with opportunities for extensive history and physical, review of radiologic studies. Involves care of hospitalized patients and post-operative care. Involves operating room experience in radical surgery for gynecologic cancers. Students have a multi-disciplinary exposure with teaching rounds. Presentations may be required at teaching rounds and journal clubs. Note: Visiting students must obtain approval through Gloria King, Residency Program Manager, prior to applying for this clerkship. Please e-mail requests to gking1@stanford.edu. Interested students must send their CV, USMLE score(s), current transcript and a letter of recommendation from the Ob/Gyn Clerkship Director or a faculty mentor attesting to clinical abilities (i.e. proficient H&Ps and exam skills). The letter of recommendation must be emailed to Gloria by the letter writer or their supporting administrative assistant. These must be sent at least 4-6 weeks prior to the start of the period in which the student would like to enroll. **PREREQUISITES:** OBGYN 300A. **PERIODS AVAILABLE:** 1-12, full-time for 4 weeks, 1 student per period. **CLERKSHIP DIRECTOR:** Elisabeth Diver, M.D. **CLERKSHIP COORDINATOR:** Helen Wong, 650-724-0456, HG332. **REPORTING INSTRUCTIONS:** Where: Page the gyn/onc fellow or intern (pager 12825) for reporting instructions; Time: 6:00 am. **CALL CODE:** 1. **OTHER FACULTY:** J. Berek, E. Diver, O. Dorigo, A. Karam, B. Litkouhi, M. Renz. **LOCATION:** SUMC.

OBGYN 370. Medical Scholars Research. 4-18 Units.

Provides an opportunity for student and faculty interaction, as well as academic credit and financial support, to medical students who undertake original research. Enrollment is limited to students with approved projects.

OBGYN 398A. Clinical Elective in Gynecology & Obstetrics. 5 Units.

VISITING: Closed to visitors. **TYPE OF CLERKSHIP:** Elective. **DESCRIPTION:** Provides an opportunity for a student to have a clinical experience in one of the fields of Gynecology and Obstetrics, of a quality and duration to be decided upon by the student and a faculty preceptor in the Department of Gynecology and Obstetrics. For a clerkship experience in Prenatal Genetics and Obstetrics, please contact clinical Preceptor Katherine Bianco, MD. Please note: Students cannot add 398A clerkships directly to their fishbowl schedules through the regular shuffles. Please contact Caroline Cheang in the Office of Medical Student Affairs at cheang@stanford.edu or 650-498-7619 with the faculty preceptor's name and email address to add this clerkship. **PREREQUISITES:** OBGYN 300A, consent of the designated faculty preceptor, and approval by Advisor. **PERIODS AVAILABLE:** 1-12, full time for 4 weeks, 4 students per period. **CLERKSHIP DIRECTOR:** Rachel Chan Seay, M.D. **CLERKSHIP COORDINATOR:** Amanda Garley-Reynolds, 650-721-1036. **REPORTING INSTRUCTIONS:** Where: As soon as you are enrolled, please email Amanda Garley-Reynolds (amanda33@stanford.edu). If you're paired with an OBGYN preceptor, please include your preceptors name and email address; Time: TBA. **CALL CODE:** 2 (varies with preceptor). **OTHER FACULTY:** K. Bianco. **LOCATION:** SUMC, SCVMC.

OBGYN 399. Graduate Research in Reproductive Biology. 1-18 Unit.

Students undertake investigations sponsored by individual faculty members. Prerequisite: consent of instructor.