

University of Washington
Department of Obstetrics and Gynecology

2015–2016
Resident Applicant Information



Administration



Established in 1948, the Department of Obstetrics and Gynecology has a faculty of 49 practicing physicians (three of them community-based generalists), seven MD/PhD, MD or PhD basic scientists, two research mentors (an MD/MPH and a PhD), twelve fellows, three nurse practitioners, one CNM/MSN and one PA, with 28 residents in training.

David A Eschenbach, MD, has served as the department Chair since June 2002. Of the 25 faculty members for whom subspecialty certification is available, 20 are board certified in their subspecialty and five are active candidates. All our faculty are board certified in Ob/Gyn except thirteen junior faculty who are all active candidates.

Administration

<i>Chairman:</i>	David Eschenbach, MD	
<i>Vice Chair:</i>	Michael Gravett, MD	
<i>Administrative Director:</i>	Farel McClure, MA	(206) 543-0929
<i>Assistant to the Chair:</i>	Christine Tezak	(206) 616-8305
<i>Residency Program Director:</i>	Seine Chiang, MD	(206) 543-3891
<i>Associate Residency Program Director:</i>	Alyssa Stephenson-Famy, MD	(206) 543-3891
<i>Residency Program Administrator:</i>	Sonya Fukeda	(206) 543-9626

Department

<i>Phone:</i>	(206) 616-8305
<i>Fax:</i>	(206) 543-3915
<i>Mailing Address:</i>	University of Washington Department of Obstetrics and Gynecology Box 356460 Seattle, WA 98195-6460

Divisions/Directors

<i>Family Planning:</i>	Sarah W Prager, MD, MAS	(206) 685-9640
<i>Gynecologic Oncology:</i>	Barbara A Goff, MD	(206) 685-2463
<i>Maternal-Fetal Medicine:</i>	Edith Y Cheng, MD, MS	(206) 543-3729
<i>Reproductive Endocrinology & Infertility:</i>	Genevieve S Neal-Perry, MD, PhD	(206) 543-2949
<i>Urogynecology:</i>	Gretchen M Lentz, MD	(206) 543-5555
<i>Women's Health (UWMC):</i>	Seine Chiang, MD	(206) 543-9626
<i>Women's Health (HMC):</i>	Susan D Reed, MD, MPH	(206) 744-8563

EDUCATION

EDUCATION Division

The Education Division has responsibility for coordinating faculty development programs, Grand Rounds, Continuing Medical Education (CME) programs in Women's Health, and undergraduate and graduate medical education in obstetrics and gynecology. This division provides oversight for the development, implementation and consistent application of curriculum objectives and follows the national guidelines (Undergraduate—APGO, UMEC; Graduate—CREOG, RRC, ACGME).

Residency Leadership



Seine Chiang, MD
Professor, Women's Health
Div Dir, Women's Health (UWMC)
Residency Program Director



Alyssa Stephenson-Famy, MD
Asst Prof, Maternal-Fetal Medicine
Assoc Residency Prgrm Director
Residency Research Director



Vicki Mendiratta, MD
Assoc Prof, Women's Health
Ob/Gyn Clerkship Director



Kate Debiec, MD
Asst Prof, Women's Health
Asst Ob/Gyn Clerkship Director
Ped/Adolescent Gyn Education

Medical Student Leadership

Clinician Educators



Anne-Marie Amies Oelschlager, MD
Assoc Professor, Women's Health
Pediatric/Adolescent Gyn Education



Justine C Chang, MD
Assistant Professor, MFM
Maternal-Fetal Med Education



Shani S Delaney, MD
Assistant Professor, MFM
Maternal-Fetal Med Education



Michael F Fialkow, MD, MPH
Assoc Prof, Urogynecology
Dir, Resident Surgical Skills Curric



Tracy E Irwin, MD, MPH
Assoc Prof, Women's Health
Global Health & General
Ob/Gyn Education



Jennifer A Jolley, MD
Assistant Professor, MFM
Maternal-Fetal Med Education



Gretchen M Lentz, MD
Prof and Div Dir, Urogynecology
Urogynecology Education



Kimberly K Ma, MD
Assistant Professor, MFM
Maternal-Fetal Med Education



Sarah W Prager, MD, MAS
Assoc Professor, Family Planning
Family Planning Education



Renata R Urban, MD
Assistant Professor, Gyn Onc
Gyn Onc Education

Education directors at our community sites:

- William Peters, MD, and Chirag Shah, MD, MPH—Swedish Gynecology/Oncology
- Suzanne Peterson, MD—Swedish Obstetrics
- Lee Hickok, MD—Swedish REI
- Linda Mihalov, MD, and Blair Washington, MD—Virginia Mason Gynecology
- Roger Rowles, MD—Yakima Valley Memorial Hospital

Education and Training

RESIDENCY PROGRAM

Message from the Residency Program Director

“The goal of our residency training program is to provide a balanced clinical experience with individualized teaching by nationally recognized experts in the field, complimented by formal education activities, including a robust patient safety program and a nationally renowned surgical skills simulation curriculum. A long-standing partnership between the University of Washington Medical Center and carefully selected affiliate hospitals provide our residents with a unique blend of ethnically diverse patients, different clinical settings, and extensive surgical and ambulatory care experiences. The true strength of our residency program, however, lies in the residents themselves—culturally sensitive, caring, intellectually curious young people!”



Residency Program Director
Professor, Department of Obstetrics and Gynecology
Division Director, Women’s Health, UWMC
Associate Medical Director, Roosevelt Women’s Health Center

University of Washington Obstetrics and Gynecology Residency Training Program

- Fully accredited by the ACGME (2010) for 7 categorical positions per year
- Residency teaching provided by a dedicated team of University and community faculty:
 - 48 clinical faculty at UWMC and Harborview Medical Center (HMC)
 - Four fellows in Gynecologic Oncology, plus six fellows in Maternal-Fetal Medicine and two in Family Planning
 - Volunteer teaching faculty at Swedish Gynecologic Oncology group (*10 gynecologic oncologists*), Swedish Perinatal Medicine group (*11 perinatal specialists*), Virginia Mason (*6 gynecologists and 2 gynecologic oncologists*), Pacific Northwest Fertility (*5 REIs*) and UW Medicine Maternal-Fetal Medicine Clinic at Yakima (*10 maternal-fetal medicine specialists*).

Educational Innovations

- Introduction of a comprehensive one-wk PGY1 orientation, including hands on training in basic OB skills, common office procedures, and Gyn surgical skills utilizing simulation lab
- Introduction of a formal curriculum in patient safety for Ob/Gyn residents and fellows
- Designation as one of the ACOG-approved sites for future national simulation testing and member of the national Robotic Training Network
- Continuation of our rigorous surgical skills curriculum and our nationally-recognized simulation center (ISIS), with expansion to include OB simulation drills for routine OB procedures (*operative vaginal deliveries, episiotomies, hysterotomy repair, intrapartum fetal monitoring*) and OB emergencies (*eclampsia, hemorrhage, shoulder dystocia, wound closure*)

Education and Training

RESIDENCY PROGRAM

Residency Application Process

Interviews are offered as completed files are reviewed. Therefore, **EARLY** submission and completion of applications is **key** as interview slots are limited and often filled before the September 30 deadline. No application received after **September 30, 2015**, will be reviewed.

Applicants with failures in USMLE 1 or 2, or in any clinical rotations, will not be considered for a position.

An applicant's file is considered complete when we have received the following documents:

- MyERAS® application
- USMLE scores
- *(which includes the CV)*
- Medical school transcripts
- Personal statement
- 1 letter of recommendation (*preferably from an Ob/Gyn*)
(3 total by October 25)

Applicant interviews are conducted during late October and the months of November and December. The selection committee consists of the department chair, residency program director, associate residency program director, faculty representatives from the various divisions, a patient-centered care team, and two residents.

Housestaff Salary

All prospective residents must provide written confirmation that they were informed of the University of Washington Graduate Medical Education Residency Position Appointment and Policy, which outlines the terms of agreement during their residency training at the UW.

All applicants are informed that this is available on our GME website:

<http://uwmedicine.washington.edu/Education/Graduate-Medical-Education/Residents-and-Fellows/Pages/default.aspx>

Click on "Incoming Residents & Fellows" on the menu.

Approved Housestaff Compensation Rates July 1, 2015

<i>Level</i>	<i>Annual Salary</i>	<i>Monthly Rate</i>
R1	\$53,268	\$4,439
R2	\$55,368	\$4,614
R3	\$57,636	\$4,803
R4	\$60,108	\$5,009

Housestaff Benefits

Housestaff benefits include:

- Medical and dental insurance
- Stipend for on-call meals on most rotations
- On-call sleep rooms
- Physician lab coats
- Annual vacation of 3 weeks (*5 weekdays and 2 weekend days constitute one week*)
- UW retirement plan (*contributions up to 5% with 1:1 matching*)

Education and Training

University of Washington Department of Obstetrics and Gynecology Residents 2015–2016

R4



Melanie Andersen, MD
Boston University



Carly M Bergen, MD
Univ of Washington



Emily E Fay, MD
New Jersey Med School



Carrie A McIlwain, MD, MPH
Tulane University



Chris B Morse, MD
Univ of Pennsylvania



Audrey M Moruzzi, MD
Univ of Washington



Jordan K Stevens, MD
St Louis University

R3



Tirza A Cannon, MD, MPH
Univ of California, Davis



Tiffany A Chen, MD
Univ of Central Florida



Bonnie C Crouthamel, MD
Albert Einstein Coll of Med



Stephen A McCartney,
MD, PhD
Washington Univ, St Louis



Nasim C Sobhani, MD
University of Texas,
Southwestern



Lauren E Stewart, MD
Weill Cornell Med Coll



Kaitlyn A Wald, MD
Univ of Washington

R2



Michelle A Eston, MD
Case Western University



Karin M Hayashida, MD
Univ of Washington



Sarah E Hendrickson, MD
Univ of Colorado



Sarah H Humphrey, MD
Univ of Wisconsin



Hayley W Hunt, MD
Loma Linda Univ



Sara J Pauk, MD
Weill Cornell Med Coll



Kavita Vinekar, MD
Univ of Washington

R1



Carlie S Field, MD
University of Colorado



Talayeh Ghezelayagh,
MD, MPH
Univ of California, SF



Allison H Kay, MD
Brown University



Kari B Kjos, MD
Univ of California,
San Diego



Kristen H Lilja, MD
University of Utah



Hayley J MacKinnon, MD
University of Vermont



Shannon K Rush, MD
Univ of Washington

Education and Training

RESIDENCY PROGRAM

Synopsis of Clinical Experience

The Ob/Gyn Residency Review Committee (RRC) tracks specific Ob/Gyn procedures through the ACGME's web-based caselog system (OPLOG). Below is a representative listing of the average number and type of cases that first through fourth year residents logged into the ACGME database as primary surgeon. As you can see, our residents have the opportunity to perform many major and minor gynecologic surgeries during their first year of training.

The cumulative data is a compilation of the 2014-15 data provided to us by the ACGME* in their roles as primary surgeon over the four years of training. These numbers represent cumulative average numbers per resident.

Average GYNECOLOGY Case Experience as Surgeon/Year of Training (Cumulative) 2014–15

<i>By End of Year</i>	<i>TAH</i>	<i>TVH</i>	<i>LSC Hyst</i>	<i>UroGyn</i>	<i>Op LSC</i>	<i>Op HSC</i>	<i>Ab*</i>	<i>TVUS</i>	<i>Ca</i>
R1	7	1	2	2	43	20	4	11	32
R2	19	9	11	14	74	32	16	69	61
R3	36	25	26	38	131	56	119	115	83
R4	74	48	49	130	182	75	67	143	130
<i>UW data compared to national graduates (2015 National Percentile per ACGME)</i>									
UW 2015	95th	95th	67th	97th	96th	49th	82nd	90th	97th

**Our department receives funding as part of the nationally recognized Ryan Training Program to enhance abortion and family planning education and services. Residents have the option to “opt out” of providing abortion services, but are expected to participate in family planning services & counseling.*

Average OBSTETRICS Case Experience as Surgeon/Year of Training (Cumulative) 2014–15

<i>By End of Year</i>	<i>Vaginal Delivery</i>	<i>Cesarean Delivery</i>	<i>Operative Delivery</i>	<i>OBUS (new category 2013)</i>
R1	125	3	0	92
R2	148	111	4	182
R3	197	187	16	305
R4	281	244	36	190
<i>UW data compared to nat'l grads (2015 Nat'l Percentile per ACGME)</i>				
UW 2014	60th	67th	88th	90th

Education and Training

RESIDENCY PROGRAM

Representative Rotation Schedule 2014–2015

R1	Swedish Gyn/Onc	UW OB	OB Night Float	UW Gyn Onc		UW OB	OB Night Float	UW OB/Amb/ Wknd Nite Float		VA/UW Amb		UW Gyn		
R2	UW OB Antepartum		Swedish REI		Yakima	Jeopardy	UW OB	OB Night Float	HMC Gyn		UW Gyn Onc		UW OB	OB Night Float
R3	HMC Gyn		Swedish OB		UW OB Antepartum		Fam Planning/ Pre-Ado Gyn		Yakima	Gyn Night Float	Elective	Gyn Night Float	VM Gyn	
R4	Swedish Gyn/Onc	UW OB	OB Night Float	UW Gyn Onc		UW Amb		UW OB	OB Night Float	UW Benign Gyn		UW Urogyn		

Swedish = Swedish Medical Center, First Hill
HMC = Harborview Medical Center
Yakima = Yakima Valley Memorial Hospital

VA = Veteran's Administration, Puget Sound
VM = Virginia Mason Medical Center
UW = University of Washington Medical Center

OB Antepartum = High-risk obstetrics antepartum
OB Night Float = Labor & Delivery night float
UW OB = Labor & Delivery day coverage
UW Amb = Women's Health

Total Representative Time Spent by Level of Training in Each Major Clinical Area, 2015–16

<i>Level</i>	<i>Rotations</i>	<i>Time Spent</i>
R1	Obstetrics Gynecology Gynecologic Oncology Ambulatory Women's Health	24 wks 10 wks 16 wks 6 wks
R2	Obstetrics Gynecology Gynecologic Oncology Reproductive Endocrinology and Infertility Rural Obstetrics and Gynecology (<i>Yakima</i>) Ambulatory Women's Health (<i>Jeopardy</i>)	24 wks 8 wks 8 wks 8 wks 4 wks 4 wks
R3	Obstetrics Gynecology Elective—Research or International Health Yakima Family Planning/Pre-Adolescent Gyn	16 wks 24 wks 4 wks 4 wks 8 wks
R4	Obstetrics Gynecology Gynecologic Oncology Urogynecology Ambulatory Women's Health	16 wks 8 wks 16 wks 8 wks 8 wks
Approx Total Clinic Exper for All 4 Yrs	Obstetrics Gynecology Gynecologic Oncology Urogynecology Reproductive Endocrinology and Infertility Family Planning/Pre-Adolescent Gynecology Ambulatory Women's Health (primary care + specialty) Elective—Research or International Health Rural Obstetrics and Gynecology	80 wks 50 wks 40 wks 8 wks 8 wks 8 wks 8 wks 4 wks 8 wks

Education and Training

CLINICAL TRAINING SITES



University of Washington Medical Center (UWMC) is the primary institution for residency training. It is a 450-bed teaching and research hospital that offers comprehensive medical care, including complete medical, surgical, obstetric, gynecologic and psychiatric services. In addition, there is a Neonatal Intensive Care Center, a Primary Care Center, and a unique Institute for Simulation and Interprofessional Studies (ISIS). The Medical Center has joined with the Fred Hutchinson Cancer Research Center and Seattle Children's to create the Seattle Cancer Care Alliance (SCCA), an integrated ambulatory and inpatient cancer care center. UWMC offers residents a wide mix of inpatient and ambulatory patients from primary care to specialized tertiary care. UWMC also offers abundant opportunities to conduct research.

The Obstetrical Unit at UWMC is a referral center for a large geographic region ranging from Alaska to Montana, including most of the State of Washington and serving a large number of high-risk deliveries and high acuity antepartum patients. Approximately half of the 2000 annual deliveries at UWMC are direct hospital-to-hospital high-risk transfers and patients cared for in UW maternal-fetal medicine subspecialty clinics. In the Obstetrical Unit, residents are the center of the care model and provide direct care for a wide variety of medically complicated pregnancies.

The Gynecologic Oncology service at UWMC cares for a wide variety of gynecologic conditions with over 850 diagnosed cancer patients per year. Residents regularly are exposed to gynecologic malignancies, complicated pelvic surgeries, intensive care medicine, and perioperative complications due to patients with many co-morbid conditions. A four-year gynecologic oncology fellowship began in 2005; fellows rotate on the UWMC and Swedish Hospital Medical Center (SHMC) oncology services.

The Gynecology services at UWMC care for a wide variety of gynecologic conditions, with 1200 new patients seen in clinic per year. The 1st and 4th year residents on the Gynecology service and the 4th year on the Urogynecology service cross cover the UWMC Emergency Department and inpatient gynecology consultation requests. The Gynecology service residents also gain valuable ambulatory experience at the Roosevelt Women's Clinic where they provide routine and specialized gynecologic care. Specialty clinics, such as Vulvovaginitis, Colposcopy, Adolescent Gynecology, and Reproductive Endocrinology and Infertility, add to their clinical experience. Additionally, the UWMC Family Planning clinic provides training in a wide range of family planning services, including medical and surgical terminations.

As UWMC is primarily a tertiary care facility, rotations at SHMC, HMC, VMMC, the VA and YVMH are valuable to provide different practice models with populations of broad ethnic diversity and an extensive range of obstetrical and gynecological experience. At all institutions, an attending physician is present for all surgeries and deliveries, and is available in all resident continuity clinics to supervise clinical care and provide teaching.



Virginia Mason Medical Center (VMMC)

is a private, non-profit organization which has an affiliation teaching agreement with the University of Washington for residents and medical students. VMMC is a large, multi-disciplinary group practice and 307-bed hospital in downtown Seattle and has been recognized as a Center of Excellence in Minimally Invasive Gynecology. The gynecology rotation provides the 3rd year resident with a broad and in-depth exposure to all aspects of operative gynecology, including endoscopy, gynecologic oncology, pelvic floor reconstruction, and infertility. Residents work closely with two pelvic surgery fellows and nine experienced board certified gynecologists, including subspecialty board certified gynecologic oncology and urogynecology. This rotation gives residents experience with a different practice model, as well as extensive operative experience. The 3rd year resident serves as chief resident of the service.

Education and Training

CLINICAL TRAINING SITES



Harborview Medical Center (HMC) is owned by King County and is managed by the University of Washington. Unique features of the Harborview Ob/Gyn resident rotations include exposure to management of obstetric trauma in a Level I trauma center, a nationally recognized program for the management of patients after sexual assault, and an ethnically and socially diverse population. Forty percent of patients are non-English speaking (with a large proportion from Africa and Asia), and trained interpreters are available for all such patient care.

The gynecology rotation in the second and third years includes inpatient and outpatient surgical care and outpatient clinics. Residents on service at HMC cover emergency room call for obstetrical and gynecological trauma, gynecology emergency, and sexual assaults. Teaching emphasis includes: rare infections, sexually transmitted infections, late manifestations of common gynecologic disorders, management of acute hemorrhage, ectopic pregnancy, ICU care, interdisciplinary medical care teams and cultural competency. The vulvovaginal disorders clinic is one portion of an ambulatory intern rotation.



Swedish Medical Center (SMC), First Hill is a large, private hospital in downtown Seattle with a large gynecology service composed of both benign and oncology patients. SMC has gynecologic oncologists who perform 270 cases per year and gynecologic surgeons who do 2800 major cases per year. SMC does over 8000 deliveries annually and has a busy high-risk maternal-fetal medicine program. Both the obstetrical and gynecology services have full-time faculty with enthusiasm for and dedication to resident education. Their services round out the resident clinical experience and substantially increase their surgical experience and training as Ob/Gyn consultants.

The R1 and R4 on the Swedish gynecology rotation work with a specially designated teaching panel of dedicated gynecologic oncologists and general gynecologic surgeons. An extensive operative experience is gained in complicated pelvic surgeries and benign disease, as well as basic vaginal, urogynecologic, and endoscopic gynecologic cases. These surgical cases fill the resident's operative schedule four to five days per week.

The R2 on the Reproductive Endocrinology rotation works closely in the clinic three days a week with four board certified reproductive endocrinologists (SMC's Pacific Northwest Fertility group), evaluating patients with infertility and managing endocrinologic and congenital abnormalities. During this rotation, the resident performs endoscopic and robotic surgeries with Dr. Heath Miller, a minimally invasive gynecologic surgeon.

The R3 serves as the chief of the Swedish perinatal service with the OB Family Practice Fellows at Swedish. The team is primarily responsible for the management of high-risk antepartum patients, including triaging patients and consultations. They are also managing laboring patients, performing cesarean and vaginal deliveries, and involved with surgeries, including cerclage placement and D&Es.

Education and Training

CLINICAL TRAINING SITES



Seattle Children's Hospital is a large, tertiary care center located in the University/Laurelhurst area of Seattle, ranked 6th best children's hospital in the nation in 2012 according to US News & World Report. The Pediatric and Adolescent Gynecology Program at UW Medicine and Seattle Children's is the only dedicated pediatric and adolescent gynecology practice in Washington. As a regional referral center, this clinic also serves patients from Montana, Idaho and Alaska. Residents rotate with our faculty, specialized in Pediatric and Adolescent Gynecology,

to enhance their understanding of issues unique to the pediatric and adolescent population—precocious and delayed puberty, breast abnormalities, ovarian cysts or pelvic masses, congenital anomalies of the reproductive tract, menstrual management and contraception for teens with complex medical issues, including cancer, bleeding disorders, developmental disabilities.

We also have a Prenatal Diagnosis and Treatment Program Clinic at Seattle Children's which provides care for pregnant women and their families when pregnancy is complicated by known or suspected conditions in the developing fetus. Maternal-Fetal Medicine Fellows train and work alongside our faculty in this clinic.



Yakima Valley Memorial Hospital (YVMH)

is a non-profit, community-owned 225 bed hospital, which serves as the Ob/Gyn tertiary referral center in central Washington. Second- and third-year residents on the Yakima rotation experience a community style of practice where supervising Ob/Gyn attendings provide primary, obstetrical and gynecologic care for their patients. Residents on rotation at Yakima Valley Memorial also get experience delivering low-risk obstetrics patients, teaching UW medical students and local family practice residents, as well as performing a wide range of gynecologic surgeries.



VA Puget Sound Health Care System is the largest referral medical center (504 total beds) in the Northwest Network and is part of the Veterans Integrated Service Network (VISN) 20, which includes facilities in Anchorage, Boise, Portland, Roseburg, Spokane, Seattle/Tacoma, Walla Walla and White City. In the past year, the VA Puget Sound had outpatient visits and more than 8,318 inpatient treatments for close to 60,000 unique patients. At this site, the 1st year Ob/Gyn resident learns to serve as a consultant (evaluating, formulating a plan, and communicating with the referring provider), determine when a patient needs surgical intervention, optimize peri-operative management, perform various in-office procedures, and understand the unique psychosocial components of caring for women veterans.

Education and Training

GLOBAL HEALTH Overview



The UW Department of OB/GYN has a long history of research, collaboration, advocacy and training in global women's health. Our residency program is committed to broadening trainee's worldview of women's health care and training practitioners, researchers and leaders in Global Health. Seattle is an ideal setting for training in Global Health, given the endowed UW Department of Global Health, PATH, The Bill & Melinda Gates Foundation, Seattle Biomedical Research Institute and the Fred Hutchinson Cancer Research Center. We have a comprehensive education, training and service curriculum for residents.

Resident Training

Global Health Certificate for Residents and Fellows: The University of Washington (UW) Global Health Training Certificate (GHTC) is a certificate offered to all residents and fellows in training at UW upon their completion of the required Global Health (GH) training activities, including coursework, seminars, overseas elective and a capstone project.

Global Health Lecture Series: As part of the residency education curriculum a Global Health lecture series is delivered each spring. The series is topic and region based (e.g., maternal mortality in sub-Saharan Africa, cervical cancer in East Asia) to provide context to broad issues in global women's health. The series includes a journal club and lectures by local experts from organizations like PATH, I-TECH, the Bill & Melinda Gates Foundation and Health Alliance International.

UW Integrated Residency Global Health Leadership Course: Based in the Department of Global Health, School of Public Health, this is a 1-month course designed to teach residents interested in careers in Global Health (GH) the skills necessary to become future leaders in this field. The course is available once a year and can be taken during the 1st or 2nd ambulatory block. It is comprised of several different components, including field visits to local GH organizations, lectures, case-studies and small group discussions, and focuses on three major areas: 1) Global Health Knowledge, 2) Global Health Leadership Skills, and 3) Clinical Skills in Resource-Limited Settings

Global Health Educational Training in International Topics (GHET-IT): GHET-IT is a new and innovative, monthly evening global health educational curriculum. It is designed and implemented for UW residents of participating programs, and targets residents and faculty. The general goals of this curriculum are: to provide a monthly venue for UW residents from a variety of programs to come together to discuss salient issues in global health with experts and to cover practical aspects of providing clinical care with a public health orientation in low-resource settings of developing countries. <http://depts.washington.edu/rfgh/curriculum/>

Global Health Elective Experience: Residents in good clinical standing have the opportunity to partake in a collaborative global health elective during their 4-week third-year elective block. Our department has partnered with a site in Naivasha, Kenya, where residents can participate in clinical services and community projects. (See Global Health Elective Site on next page)

Global Health Research: Several faculty members participate in international women's health research projects that may offer opportunities for resident involvement to fulfill the resident research requirement.

Education and Training

UW Ob/Gyn Global Health Webpages

<http://www.obgyn.uwmedicine.org> (*select Education & Training > Global Health*)

<http://globalhealth.washington.edu/academics/residents-fellows/>

UW Global Center for Integrated Health of Women, Adolescents and Children

UW Global WACH, the UW Global Center for Integrated Health of Women, Adolescents and Children, is an integrated effort between Global Health, Ob/Gyn and Pediatrics. The Global WACH leads innovative research, education, and service to support sustainable improvements in the health of communities. (<http://www.depts.washington.edu/gwach/>)

GLOBAL HEALTH ELECTIVE SITE

Naivasha, Kenya

Residents in good standing have the opportunity during their third year elective to spend 4 weeks in Naivasha, Kenya, located 2 hours west of Nairobi. Lake Naivasha, with a surrounding game reserve, abuts on the southern edge of Naivasha. The University of Washington has placed a Medicine Chief Resident at the Naivasha District Hospital for one year at a time. This Chief Resident familiarizes our residents to Naivasha, introduces them to the staff and is able to answer pertinent questions about the practice of medicine, diseases and conditions in Kenya. Over the year, UW residents in internal medicine, pediatrics, Ob/Gyn, surgery and other specialties spend time at the hospital. A new delivery unit services over 3,000 deliveries a year. UW Ob/Gyn residents practice clinical medicine through interactions with the Naivasha District Hospital medical, nurse midwife and nursing staff to help provide care in this global setting.

Ob/Gyn Faculty Currently Working Internationally

Our faculty participate in research and policy initiatives in more than a dozen countries:

- | | |
|------------------------------|--|
| • David A Eschenbach, MD | Kenya |
| • Linda O Eckert, MD | Kenya (policy development, HPV vaccine research);
WHO, PATH (vaccine policy, cervical cancer
screen guideline development) |
| • Michael G Gravett, MD | Bangladesh, Zambia |
| • Thomas R Easterling, MD | India, Mexico, Egypt,
Bangladesh |
| • Jennifer A Unger, MD, MPH | Kenya |
| • Sarah W Prager, MD, MAS | Zambia, Uganda, Nepal,
Zimbabwe and Pakistan |
| • Tracy Irwin, MD, MPH | Senegal, Kenya, Guyana |
| • Florian Hlakik, MD, PhD | Kenya |
| • Kristina Adams Waldorf, MD | Guatemala, Mali, Nigeria, DRC, Zambia, Tanzania |
| • Constance Mao, MD | Kenya, Uganda, Pakistan, Nepal, Laos, Bangladesh
I-TECH Haiti |



Education and Training

RESIDENCY PROGRAM

Resident Elective/Research Overview

One of the Residency Program's educational objectives is to provide an opportunity for the residents to conduct original research. During the R2 and R3 years, including use of the allotted R3 elective time, residents must conduct their research, gather and analyze their data, and prepare a presentation for Resident Research Day, where R3s present their research to the department and Ob/Gyn community. Residents are required to prepare and submit a manuscript for publication during their R4 year. The research/elective experience is designed to create a pathway to foster reading and the analysis of medical literature in the years following residency.

Past Four Years of R3 Four-week Elective Sites/Study

<i>Resident</i>	<i>Location</i>	<i>Area of Elective Study</i>
Class of 2016		
Andersen	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Fay	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Ingalls	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
McIlwain	Texas	MD Anderson Gyn Onc Rutledge Fellowship
Morse	New York	Memorial Sloan Kettering Cancer Center in Gynecologic Oncology
Moruzzi	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Stevens	N/A	Maternity leave
Class of 2015		
Makhija	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Masarie	N/A	Maternity leave
Nagella	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Prabhu	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Roemer	Seattle	Family planning, ultrasound, urogynecology, Seattle Children's Peds Gyn, research
Torvie	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Class of 2014		
Amarosa	Seattle & Yakima	Family Planning, Pediatric Gyn, Lactation, Ob/Gyn procedures
Kopp	Kenya	OB/L&D/Gyn care; surg techniques low-resource setting; teaching Ob/Gyn skills
Lucas	Seattle	Family Planning, Ob/Gyn; research project; Capstone teaching with UW med students
Mitchell	Seattle	Family Planning, Ped Gyn, OB; research project; ACOG annual meeting
Panighetti	Seattle	Additional ultrasound training at Swedish Medical Center; maternity leave
Rouse	Mexico	Pilot test module to teach traditional birth attendants intra-/postpart care of mom/newborn
Class of 2013		
Adiarde	Seattle	Gyn/Onc surg; develop laparoscopy labs for res; Min Invasive Gyn Surg Trng Prgm
Altshuler	Mexico	Ob/Gyn & Family Planning in Mexico; teaching health care providers
Gordon	Seattle & Yakima	Pediatric/Adolescent Gyn/OB procedures; research project
McSorley	Seattle	Gyn surgical skills with Virginia Mason & simulation lab; research data analysis
Vogel	Texas	MD Anderson Gyn Onc Rutledge Fellowship
Warner	Seattle	Reproductive Endocrinology & Infertility, Ped/Adolescent Gyn, OB U/S, research data

Education and Training

RESIDENCY PROGRAM

2015-16 Required Department Educational Activities

All Ob/Gyn residents listed are required to attend these activities, unless they have obtained special permission to be excused. Each division is responsible for providing clinical service coverage.

<i>Activity</i>	<i>Required</i>
ABOG Application	Sept thru mid December annually, Chief Residents apply for their ABOG exams held the last Monday in June of the following year (assigned ABOG ID posted on MedHub) Sign up online at www.abog.org
Annual Resident Retreat	Each division is responsible for its own attending coverage until 5:00 pm. Date and location TBD
Annual Program Review	In August, resident class reps, Admin Chiefs, education leaders from all sites
Resident Research Day	In September, 7:30 am to 1:00 PM, South Campus Center
Surgery Simulation	Monthly simulation labs/experiences: Error disclosure, Gyn, OB skills
CREOG In-Service Exams	All residents. In January, all day.
Legislative Day	Residents as scheduled; not all will attend. Details TBA. 8:00 am-2:30 pm
Ski Day	In February (8:00 am to 5:00 pm) at Snoqualmie Pass
Resident Research Applications Due	R1 residents submit their research application annually in March
Porcine Lab	Laparoscopy training for R1s in May or June
Resident Roast	June 2016 (date and time TBA)
Senior Resident & Fellow Graduation Banquet	June 2016 (venue TBA)
ABOG Exams (basic certification in Obstetrics & Gynecology)	All Chiefs at testing centers. R4 level residents must have applied to ABOG between September 1st and December 15th of PRIOR year. FINAL deadline; no applications accepted after this date.

Other Resident Requirements and Department Activities

Grand Rounds —Wednesday mornings, 8:00 am to 9:00 am, September through May	As listed on Grand Rounds Schedule online at http://www.obgyn.uwmedicine.org (click on <i>Department Calendar & News</i>)
Resident Didactics/Lectures/Conferences (<i>required</i>) • Morbidity & Mortality Conference @ 9:00 am (SCC-316) • Didactics 10:00 am to noon, BB-667 (Simulation in ISIS monthly) • Presurgery conference @ 12:00 to 1:00 pm, BB-667	Wednesday mornings 9:00 am to noon
Faculty Research Hour	10:00 am 1st Wed of the month, September thru June
Journal Club —Wednesday evenings at 7:00 pm	6 times/year at faculty homes
Clinical Competency Committee Mtg (<i>resident evals</i>)	December and May annually, 9:00 am to noon
Faculty Meetings	Monthly—4th Wednesday of the month at 7:00 am
Faculty Development Workshop	Annually in June
Resident Applicant Interviews	Mondays 7:15 am to 1:30 pm Late October, November, December

Education and Training

RESIDENCY PROGRAM

Ob/Gyn Resident Surgical Simulation Education Curriculum

Mission Statement

Improve the education and evaluation of surgical skills, patient care, patient safety and interprofessional communication for obstetrics and gynecology providers using simulation.

Program Overview

The UW Ob/Gyn Residency Simulation Training Program began in 1997 when Drs. Barbara Goff and Gretchen Lentz launched a series of studies of inanimate bench trainers and live animal models for Ob/Gyn surgical skills. Their studies, modeled on work done in general surgery, showed that repetitive, simulated practice of technical and inter-professional skills significantly improved the performance of untrained residents before they entered the operating room.

Students, residents and faculty now train on a variety of curricula designed to allow repetitive practice and provide immediate feedback so that trainees rapidly improve as well as eliminate unrecognized errors. Curricula include fundamental surgical skills, and specific gynecologic and obstetric procedures, as well as emergency scenarios. Dr. Michael Fialkow is the current Director of the Surgical Skills Curriculum.

Program Objectives

- 1) Increase efficiency, procedural precision and proficiency of Ob/Gyn procedures by providing the opportunity to repetitively practice specific surgical skills and procedures
- 2) Simulation and testing of common and rare emergencies seen on labor and delivery, in particular
- 3) Implement (through scenario simulation) patient safety principles and a culture of teamwork, using the TeamSTEPPS model
- 4) Research improved simulation-based teaching methods, simulators and the learning environment for the purpose of improving student, resident and faculty training, as well as verification of surgical and emergency management skills

Training & Assessment Sites for the Surgical Simulation Program

- 1) Access to self-directed learning in the ISIS lab available to residents 24/7,
- 2) Monthly 2-hour labs in the ISIS Center using models, simulators, skills drills, etc.
- 3) Annual animal lab for second year residents held in the Center for Videoendoscopic Surgery

Available Simulation Trainers

Mannequins

Full body models used to teach skills and procedures in health education. High fidelity electronics simulators are capable of demonstrating a wide range of physiological responses in reaction to stimuli or programming:

- Noelle Birthing Simulator (Gaumard)
- SimMan 3G (Laerdal)
- PROMPT Birthing Simulator (Laerdal)

Computer-based Simulators

Easily portable and respond to a wide range of user interventions. Computer-based simulators are mainly focused on learning facts and measuring performance:

- da Vinci Trainer (Mimic Technologies)
- ScanTrainer Transvaginal Ultrasound (MedaPhor)—Laparoscopic Simulator (LapSim)

Education and Training

Task Trainers

A fundamental in the teaching of anatomic landmarks and the ability for the learner to acquire, develop and maintain motor skills associated with a particular procedure.

- Childbirth Simulator (Gaumard)
- Episiotomy Trainer (Limbs & Things)
- EVA Gynecologic Manikin (Simulaids)
- Hysteroscopic Diagnostic Trainer (Limbs & Things)
- Fundamentals of Laparoscopy Simulator (FLS) Box Trainer (SAGES)
- 4th degree Episiotomy model
- Knot Tying Boards (Simulab)
- Obstetrical Manikin (Simulaids)
- Tissue Suture Pads (Simulab)
- TraumaMan (Simulab)



INSTITUTE FOR SIMULATION AND INTERPROFESSIONAL STUDIES



The primary goal of ISIS is to provide leadership in simulation technologies to improve the quality of health care education, patient safety and outcomes. Our nationally recognized simulation center has placed UWMC at the “virtual” cutting edge in surgical skills and simulation. The UW Ob/Gyn Simulation Training Program works through ISIS to teach fundamental surgical skills, such as knot tying, as well as to simulate obstetric emergencies, such as postpartum hemorrhage and eclampsia. ISIS received accreditation as a Level 1 Comprehensive Education Institute of the American College of Surgeons in 2006 (www.isis.washington.edu).

PATIENT SAFETY TRAINING

The department is committed to safety in patient care. A critical component of that commitment is resident training that fosters patient safety and education of our trainees in patient safety initiatives. Our program in Ob/Gyn provides a formal and comprehensive curriculum in patient safety.

- UW Medical Center-Supported Programs
 - UW GME Safety Modules
 - Surgical Safety Checklist (operating rooms)
 - Electronic medical record patient hand-off system (CORES)
- Department Programs for Faculty, Fellows, Residents
 - Grand Rounds
 - Morbidity & Mortality Conference
 - Patient Safety and QI Journal Club
 - Quality Improvement projects (by division)
- Simulation Education
 - Training in Team Communication (TeamSTEPPS)
 - Medical Error Disclosure Training
 - Surgical simulation curriculum by level of training (Ob and Gyn)
- Patient Safety Didactic Lectures, including training in the electronic medical record patient hand-off system (CORES)
- Gynecology Surgical Conference

Education and Training

2014–2015 GRAND ROUNDS—Second Half

- Jan 7: **Laparoscopy in the Obese Patient: Perioperative Considerations to Improve Success**
Neeta Makhija, MD, R4 Resident Physician, Dept of Ob/Gyn, University of Washington
- Jan 14: **Updates in Prenatal Genetic Screening**
Shani Delaney, MD, Asst Professor, Dept of Ob/Gyn, MFM Division, University of Washington
- Jan 21: **Cancer Survival: Not Just Mind Over Matter, but Mind Still Matters**
Katy Pennington, MD, Senior Gyn Onc Fellow, Dept of Ob/Gyn, Gyn Onc Division, Univ of Washington
- Jan 28: **Asking and Talking About Intimate Partner Violence: Exploring the Role (and Power) of Patient-Provider Communication**
Judy Chang, MD, MPH, Asst Prof, Dept of OB, GYN & Reproductive Sciences, University of Pittsburgh
- Feb 4: NO Grand Rounds
- Feb 11: Residents' Ski Day—NO Grand Rounds
- Feb 18: NO Grand Rounds
- Feb 25: **The Elephant in the Room: Management of Large Fibroids**
Ana Torvie, MD, R4 Resident Physician, Dept of Ob/Gyn, University of Washington
- Mar 4: **Hypertension in Pregnancy: To ACOG and Beyond**
Nithya Nagella, MD, R4 Resident Physician, Dept of Ob/Gyn, University of Washington
- Mar 11: NO Grand Rounds
- Mar 18: WRHR/MRHR Symposium—NO Grand Rounds
- Mar 25: **Partogram for Active Management of Labor**
Kara Hoppe, DO, Senior MFM Fellow, Dept of Ob/Gyn, MFM Division, University of Washington
- April 1: **A Closer Look at Intrapartum Fetal Monitoring**
Emily Prouse, MD, R4 Resident Physician, Dept of Ob/Gyn, University of Washington
- April 8: **The Red Tent Overfloweth: Hematology Meets Adolescent Gynecology**
Kate Debiec, MD, Asst Professor, Dept of Ob/Gyn, Women's Health, University of Washington
- April 15: **Where Art Meets Evidence: Decreasing the Primary Cesarean Delivery Rate**
Malavika Prabhu, MD, R4 Resident Physician, Dept of Ob/Gyn, University of Washington
- April 22: **Obesity in Gynecologic Oncology—A Large Problem**
Neil Horowitz, MD, Asst Prof, OB, GYN & Reproductive Medicine, Harvard Medical School, Boston, MA
- April 29: ***Trichomonas vaginalis*: The Neglected, Underappreciated, Nuisance STI**
Dorothy Patton, PhD, Professor, Dept of Ob/Gyn, University of Washington
- May 6: **The Mindful Physician: A Technique to Improve Patient Care and Physician Well-Being**
Alson Burke, MD, Clinical Asst Prof, Dept of Ob/Gyn, Women's Health, University of Washington
- May 13: **Killer Contraception: Combined Hormonal Contraception and Venous Thromboembolism**
Elizabeth Micks, MD, MPH, Acting Asst Prof, Dept of Ob/Gyn, Family Planning, University of Washington

Education and Training

RESIDENT & FELLOW RESEARCH DAY

September 2015 Senior Resident Research Presentations

- Melanie Andersen, MD:* Reproductive Desires and Family Planning and Safer Conception Knowledge Among HIV-Serodiscordant Couples in Kenya: A Qualitative Study
- Emily E Fay, MD:* Beyond the Ivory Tower: Decentralized Clinical Education in an Ob/Gyn Clerkship
- Carly M Ingalls, MD:* Obesity in Surgical Abortion: A Risk Factor for Complications?
- Carrie A McIlwain, MD, MPH:* Primary Peritoneal Cancer Following Risk-Reducing Surgery in *BRCA1/2* Mutation Carriers
- Christopher B Morse, MD:* Neoplastic Cellularity Is Associated with Clinical and Molecular Features of High-Grade Serous Ovarian Carcinoma
- Audrey M Moruzzi, MD:* Lactobacilli Modulate the Immune Response of Human Monocyte and Endocervical Cells to Bacteria Associated with Preterm Birth
- Jordan K Stevens, MD:* Leukocytosis and Fever During Cervical Preparation for Dilation and Evacuation with Laminaria vs. Synthetic Dilapan

September 2015 Fellow Research Presentations

- Jasmine Lai, MD:* Maternal and Neonatal Outcomes of American Indian and Alaskan Native Women in Washington State, 2003–2012
- Samantha Weed, MD:* A Novel Mechanism for Placental Membrane Weakening: Epithelial-Mesenchymal Transition
- Minh D Dao, MD:* Predicting Primary Platinum Sensitivity in Ovarian Cancers Using Serum Antibodies Recognizing Hypoxia-Inducible Factor 1- α and p53
- Tiffany L Beck, MD, MPH:* Robotic, Laparoscopic or Open Hysterectomy—Surgical Outcomes by Approach in Endometrial Cancer
- Lyndsey S Benson, MD, MS:* Heterosexual Anal Intercourse in the United States

RESIDENT & FELLOW RESEARCH DAY

September 2014 Senior Resident Research Presentations

- Neeta K Makhija, MD:* Antenatal Corticosteroid Timing: Accuracy After the Introduction of a Rescue Course Protocol
- Kaitlin S Masarie, MD:* What Risk Factors Lead to Hospital Transfers for Women Planning an Out-of-Hospital Delivery?
- Sarasija (Nithya) Nagella, MD:* Changing Trends in the Characteristics of Sexual Assault: A Single Center Comparison over 15 Years
- Malavika Prabhu, MD:* The Performance of Syndromic Diagnosis and Amsel's Criteria in the Diagnosis of Bacterial Vaginosis among Pregnant Women in Low-Resource Settings
- Emily R Prouse, MD, MEM:* Correlation Between Plasma, Intracellular and Cervical Tissue Levels of Raltegravir at Steady-State Dosing in Healthy Women
- Ana J Torvie, MD:* Parturition in Young Adolescents: A Retrospective Review of Maternal and Neonatal Outcomes

September 2014 Fellow Research Presentations

- Kara K Hoppe, DO:* Pregnancies with Severe Preeclampsia Exhibit Perturbed von Willebrand Factor Parameters
- Ashlie AR Tronnes, MD:* Effects of Lipopolysaccharide and Progesterone Exposures on Embryonic Cerebral Cortex Development in Mice
- LaVone E Simmons, MD:* Clinical Outcomes among Women Intending an Out-of-Hospital Birth
- Kathryn P Pennington, MD:* Germline and Somatic Mutations in Homologous Recombination Genes Predict Overall Survival in Ovarian, Fallopian Tube and Peritoneal Carcinomas

Education and Training

RESIDENCY PROGRAM

What Our Graduates Are Doing

<i>2015 Graduates</i>	<i>Medical School</i>	<i>Career After Residency</i>
Makhija, Neeta	Case Western Reserve	Pelvic/Minimally Invas Surg Fellowship (VM)
Masarie, Kaitlin	Oregon Hlth & Sci Univ	Generalist, Vancouver Clinic (Vancouver, WA)
Nagella, Nithya	University of Florida	Private practice as a generalist (Tampa, FL)
Prabhu, Malavika	Stanford University	MFM Fellowship at Mass General (Boston, MA)
Prouse, Emily	Univ of NC, Chapel Hill	Ob/Gyn generalist (Denver, CO)
Torvie, Ana	Univ of Washington	Generalist at NW Wmn's Healthcare (Swedish)
<i>2014 Graduates</i>	<i>Medical School</i>	<i>Career After Residency</i>
Amarosa, Emily	Harvard Medical School	Private practice (Portsmouth, NH)
Kopp, Dawn	George Washington Univ	Global Women's Health Fellowship (UNC)
Lucas, Jo��lle	University of Washington	Pelvic/Minimally Invas Surg Fellowship (VM)
Mitchell, Timothy	NY Medical College	MFM Fellowship (UW)
Panighetti, Anna	Univ of California, SF	Meridian Women's Health at Northwest Hosp
Rouse, Caroline	Indiana University	MFM Fellowship (Brigham and Women's)
<i>2013 Graduates</i>	<i>Medical School</i>	<i>Career After Residency</i>
Adiarde, Eric	University of Minnesota	Kaiser Permanente, San Diego, as a generalist
Altshuler, Anna	Univ of California, Irvine	Family Planning Fellowship (Stanford)
Gordon, Dina	New Jersey Med School	Academic Medicine (Harvard/Beth Israel)
McSorley, Meghan	University of Pittsburgh	Private Practice (Burien, WA)
Vogel, Tilley Jenkins	Univ of North Carolina	Gyn Onc Fellowship (UCLA/Cedars Sinai)
Warner, Andrew	University of Washington	Group Health Central (Seattle, WA)
<i>2012 Graduates</i>	<i>Medical School</i>	<i>Career After Residency</i>
Bar-Joseph, Karen	University of Washington	Academic Medicine (UW)
Durkee, Sara	University of Washington	Group Health, Bellevue as a generalist
Eymard, Corey	University of Virginia	General Surgery Residency (UVA)
Hoppe, Kara	Chicago Coll Osteo Med	MFM Fellowship (UW)
Mahdi, Haider	Kufa College of Med, Iraq	Gyn Onc Fellowship (Cleveland Clinic, OH)
Zins, Andrea	University of Minnesota	Academic Medicine (UW)
<i>2011 Graduates</i>	<i>Medical School</i>	<i>Career After Residency</i>
Cieslik, Laura	Univ Southern California	Private Practice (Boulder, CO)
Jacques, Laura	University of Wisconsin	Private Practice (Onconomowoc, WI)
Kilgore, Joshua	New York Medical Coll.	Gyn Onc Fellowship (UNC)
Olsen, Richelle	University of Maryland	MFM Fellowship (UC, San Diego)
Shope, Anna	UW	Academic Medicine (UW)
Welch, Mary Beth	Southern Illinois Univ	Private Practice (Bellevue, WA)

Education and Training

FELLOWSHIP PROGRAM

Gynecologic Oncology (4 years)



Heidi J Gray, MD, Director, Gynecologic Oncology Fellowship

Renata R Urban, MD, Associate Director, Gynecologic Oncology Fellowship ►



Training fellows in the comprehensive management of gynecologic malignancies and research through clinical and research mentors. Based primarily at UWMC and Seattle Cancer Care Alliance, including rotations at Swedish Hospital & Medical Center.

- F4 Minh D Dao, MD University of Texas, Galveston (*Res*), University of Iowa (*MD*)
F3 Tiffany L Beck, MD Magee-Womens Hosp, Univ of Pittsburgh (*Res*), Virginia Commonwealth Univ (*MD*)
F2 Jovana Y Martin, MD University of Alabama, Birmingham (*Res*), Case Western Reserve University (*MD*)
F1 Emily Shuyi Wu, MD Johns Hopkins University (*Res*), University of Michigan (*MD*)

Website: <http://depts.washington.edu/obgyn/>

Select: Education & Training > Fellowships > Gynecologic Oncology Fellowship

Maternal-Fetal Medicine (3 years)



Jane E Hitti, MD, MPH, Director, Maternal-Fetal Medicine Fellowship

Shani S Delaney, MD, Assoc Director, Maternal-Fetal Medicine Fellowship ►



Designed to give fellows a well-rounded experience in Maternal-Fetal, Medicine with time equally divided between clinical experience and research, in preparation for a productive career in either academic medicine or private perinatal practice.

- F3 Jasmine Lai, MD Univ of California, San Francisco (*Res*), Univ of California, San Francisco (*MD*)
F3 Samantha Weed, MD Hosp of the Univ of Pennsylvania (*Res*), Jefferson Med College, Philadelphia (*MD*)
F2 Timothy B Mitchell, MD University of Washington (*Res*), New York Medical College (*MD*)
F2 Raj (Swati) Shree, MD University of Pittsburgh (*Res*), St Louis University (*MD*)
F1 Alisa B Kachikis, MD Emory University, Atlanta (*Res*), Univ of Texas, Galveston (*MD*)
F1 Christie Walker, MD, MPH SUNY Upstate Medical Univ (*Res*), St George's Univ, Grenada, West Indies (*MD*)

Website: <http://depts.washington.edu/obgyn/>

Select: Education & Training > Fellowships > Maternal-Fetal Medicine Fellowship

Family Planning (2 years)



Sarah W Prager, MD, MAS, Director, Family Planning Fellowship

Developing specialists focused on research, teaching and clinical practice in contraception and abortion. Fellows will receive training in clinical and epidemiologic research, develop clinical and teaching skills, and have opportunities to work internationally.

- F2 Lyndsey Benson, MD, MS University of Chicago (*Res*), Case Western Reserve University (*MD*)
F1 Elizabeth Harrington, MD Oregon Hlth & Sci University (*Res*), Univ of California, San Francisco (*MD*)

Website: <http://depts.washington.edu/obgyn/>

Select: Education & Training > Fellowships > Family Planning Fellowship

Education and Training

MEDICAL STUDENTS

Overview

A core mission of the University of Washington School of Medicine is to educate students who will likely provide medical care for five of the states within ACOG's District VIII: Washington, Wyoming, Alaska, Montana, and Idaho (WWAMI). UW's philosophy is to focus on decentralizing medical education within the WWAMI region and to involve District VIII Fellows in the teaching process. Approximately 60% of students will complete their clerkship at sites other than in the Seattle area.

Through the cooperative work of the UW Department of Ob/Gyn faculty in Seattle and community faculty composed of ACOG Fellows and Junior Fellows, the program has become a nationally recognized educational model, with 60% of UW students eventually practicing within the five-state WWAMI region.

• Required Third-Year Ob/Gyn Clerkship

During this required core clerkship, students will have the opportunity to interact with women in all stages of life, experience a variety of obstetrical and gynecologic conditions in both outpatient and inpatient settings, participate in the care of laboring patients, attend deliveries and gynecologic surgeries, and gain an understanding of the primary care mission within our specialty. As in all core clerkships, students will learn many valuable skills during this rotation to help them develop into self-directed, life-long learners. There are 30 sites across the WWAMI region that offer varied experiences for students.

Website: <http://depts.washington.edu/obgyn/education/third-year-clerkship.html>

Education & Training > Student Program

• Fourth-Year Electives (*4 weeks each*)

Gynecologic Oncology

Students will acquire basic surgical skills and be exposed to evaluation, counseling, adjuvant therapies, and complex surgical procedures, care for multiple medically complicated patients simultaneously, and work with multidisciplinary teams in the care of gynecologic oncology patients. Offered at UWMC, Swedish and Boise.

Antenatal High-Risk Obstetrics

Students will learn to evaluate and manage medically complicated patients and common pregnancy complications, learn the effect of common medical diseases on the course of pregnancy and the effect of pregnancy on the course of these diseases.

Subspecialty Gynecology

Students are exposed to the breadth and depth of specialty areas of gynecology, including urogynecology, family planning, adolescent gynecology, and reproductive endocrinology and infertility.

Obstetrics and Gynecology Special Electives

By special arrangement and permission only: Special clerkship, externship, or preceptorship opportunities are possible at other institutions, private offices or sites within the WWAMI region.

Education and Training

CAREER DEVELOPMENT AWARDS

Women's Reproductive Health Research (WRHR) Career Development Program

David A Eschenbach, MD, Principal Investigator

Susan M Reed, MD, MPH, Research Program Director

Since 1999, the UW's Department of Obstetrics and Gynecology has been funded by the National Institutes of Health as a Women's Reproductive Health Research Career Development Training Center. The long-term goal is to recruit and facilitate the career development of obstetrician gynecologists who have demonstrated research potential and are committed to a career in academic medicine.

The principle training format is a mentored experience with a successful investigator (clinical or basic research) for a minimum of two and a maximum of five years. Scholars devote ~80% of their time to research, with the scope open for scholars and mentors to direct, and encompasses all areas of obstetrics and gynecology and its subspecialties. Up to two scholars are funded at any given time.

Currently Funded Scholars:

- **Elizabeth A Micks, MD, MPH**, Family Planning (xxxxx 2015–xxxxx 20xx)
— Cervicovaginal Immune Response to Vaginally-Administered Hormonal Contraception
- **Suchitra Chandrasekaran, MD, MSCE**, Maternal-Fetal Medicine (xxxxx 2015–xxxxx 20xx)
— Pregnancy Outcomes in Obesity and the Role of Visceral Fat Distribution

Scholars Who Have Already Completed WRHR Training:

- **John B Liao, MD, PhD**, Gynecologic Oncology (September 2010–August 2015)
— Development of a Polyepitope DNA Vaccine for Ovarian Cancer Immunotherapy
- **Jennifer A Unger, MD, MPH**, Women's Health (Aug 2007–April 2009, May 2011–Sept 2014)
— Health Technology to Improve Maternal and Neonatal Health in Resource-Limited Settings
- **Barbara S Norquist, MD**, Gynecologic Oncology (July 2012–June 2014)
— Identification of Germline Mutations in DNA-Repair Genes in Women with Ovarian Cancer
- **Hilary S Gammill, MD**, Maternal-Fetal Medicine (January 2007–December 2011)
— Immunologic Maladaptation and Microchimerism in Preeclampsia
- **Caroline M Mitchell, MD, MPH**, Women's Health (August 2006–April 2010)
— HIV-1 in the Female Genital Tract
- **Michael F Fialkow, MD, MPH**, Female Pelvic Medicine and Reconstructive Pelvic Surgery (July 2004–July 2007)
— Epidemiology of Recurrent Pelvic Organ Prolapse
- **Kristina M Adams Waldorf, MD**, Women's Health (July 2002–December 2006)
— The Maternal-Fetal Immune Response to Preterm Labor
- **Jennifer L Melville, MD, MPH**, Women's Health (July 1999–March 2004)
— Depression and Obstetric-Gynecologic Disorders
- **Elizabeth M Swisher, MD**, Gynecologic Oncology (July 1999–September 2002)
— Molecular Markers in Ovarian Cancer
- **Susan D Reed, MD, MPH**, Women's Health (July 1999–July 2001)
— Steroid Hormones and Uterine Neoplasms
- **S Samuel Kim, MD**, Reproductive Endocrinology and Infertility (July 1999–July 2001)
— Ovarian Cryopreservation and Transplantation

Website: <http://depts.washington.edu/obgyn/>

Education & Training > Career Development > Women's Reproductive Health Research

PATIENT CARE

Patient Care & Clinical Services

Division of GYNECOLOGIC ONCOLOGY

The Gynecologic Oncology Division strives to provide the most comprehensive gynecologic oncology care available to patients with gynecologic cancers. The eight gynecologic oncologists in this division (six of whom are subspecialty certified and two junior faculty who are active candidates) constitute the largest single group of gynecologic oncologists in the Pacific Northwest. Dr. Junn is currently providing gynecologic support for cancer patients at the SCCA. In addition, four Gyn Onc Fellows are in training.

In 2015, 1007 new reproductive tract cancer patients were seen in the Gynecologic Oncology Clinic at the Seattle Cancer Care Alliance (SCCA) Southeast Lake Union facility, an alliance of UWMC, Seattle Children's and the Fred Hutchinson Cancer Research Center. Over 500 major surgical cases and 200 minor surgeries were performed, in addition to 1530 cycles of chemotherapy administered.



Barbara A Goff, MD
Professor & Director, Gyn Onc
Univ of Pennsylvania (MD)
Brigham & Wmn's Hosp (Res)
Mass General Hosp (Gyn Onc)



Heidi J Gray, MD
Assoc Prof, Gynecologic Oncology
Univ of California LA (MD)
University of Washington (Res)
Univ of Pennsylvania (Gyn Onc)

Photo Not Yet
Available

Justin H Junn, MD, MBA
Clinical Asst Prof, Wmn's Hlth
University of Michigan (MD)
University of Michigan (Res)
University of Michigan (MBA)



John B Liao, MD, PhD
Asst Prof, Gynecologic Oncology
George Washington Univ (MD)
Yale University (PhD)
George Washington Univ (Res)
Univ of Pennsylvania (Gyn Onc)



Barbara S Norquist, MD
Asst Prof, Gynecologic Oncology
University of Washington (MD)
University of Washington (Res)
Univ of Washington (Gyn Onc)



Kathryn P Pennington, MD
Acting Instructor, Gyn Onc
University of Michigan (MD)
University of Michigan (Res)
Univ of Washington (Gyn Onc)



Elizabeth M Swisher, MD
Professor, Gynecologic Oncology
Univ of Calif, San Diego (MD)
University of Washington (Res)
Washington University (Gyn Onc)



Hisham K Tamimi, MD
Professor, Gynecologic Oncology
Cairo University (MD)
Northwestern University (Res)
Memorial Sloan-Kettering (Gyn Onc)



Renata R Urban, MD
Asst Prof, Gynecologic Oncology
Boston Univ School of Med (MD)
Stanford University (Res)
Stanford/UCSF (Gyn Onc)



Barbara J Silko, PhD, ARNP
Teaching Associate
Univ Wisconsin, Madison (BSN)
Univ Wisconsin, Eau Claire (MSN)
Univ of Washington (PhD)
Univ of Washington (ARNP)



Minh Dao, MD
Fourth Year Fellow (Gyn Onc)
University of Iowa (MD)
Univ of Texas, Galveston (Res)



Tiffany L Beck, MD
Third Year Fellow (Gyn Onc)
VA Commonwealth Univ (MD)
Magee-Womens Hospital (Res)



Jovana Y Martin, MD
Second Year Fellow (Gyn Onc)
Case Western Reserve (MD)
U of Alabama, Birmingham (Res)



Emily Shuyi Wu, MD
First Year Fellow (Gyn Onc)
University of Michigan (MD)
Johns Hopkins Univ (Res)

Patient Care & Clinical Services

Division of MATERNAL-FETAL MEDICINE

The Division of Maternal-Fetal Medicine provides quality patient care, conducts extensive medical education, and performs clinical and basic research. It is composed of twelve physicians—ten subspecialty certified in maternal-fetal medicine and two junior faculty who are active candidates for their subspecialty certification; six maternal-fetal medicine fellows; a PhD diabetes clinical nurse specialist; and two perinatal clinical nurse specialists. We specialize in high-risk obstetrics, including hypertension in pregnancy, diabetes in pregnancy, multiples, prematurity prevention, teen pregnancy, and prenatal diagnosis and fetal therapy.

Maternal-fetal medicine services are also offered at UW Medicine Maternal-Fetal Medicine Clinics in Arlington and in Yakima, the Prenatal Diagnosis and Treatment Program at Seattle Children's and the Maternal-Fetal Medicine Clinic at Valley Medical Center.



Edith Y Cheng, MD, MS
Prof & Division Director, MFM
Assoc Div Dir, Clin Operations
University of Washington (MD)
University of Washington (Res)
UW (MFM & Med Genetics)



Zane A Brown, MD
Professor, MFM
Temple University (MD)
University of Utah (Res)
University of Utah (MFM)



Suchitra Chandrasekaran, MD
Acting Assistant Professor, MFM
Northwestern University (MD)
Ohio State University (Res)
Univ of Southern California (MFM)



Justine C Chang, MD
Assistant Professor, MFM
Brown Medical School (MD)
Univ of Washington (Res)
Magee Wmns Hospital (MFM)



Shani S Delaney, MD
Assistant Professor, MFM
Univ Calif, San Francisco (MD)
Univ Calif, San Francisco (Res)
Univ of Washington (MFM)



Thomas R Easterling, MD
Professor, MFM
Univ of North Carolina (MD)
Oregon Hlth & Science Univ (Res)
University of Washington (MFM)



Michael G Gravett, MD
Professor, MFM
Univ of California, LA (MD)
University of Washington (Res)
Univ Wash (MFM/Infect Disease)



Jane E Hitti, MD, MPH
Professor, MFM
University of Vermont (MD)
Med Ctr Hosp of Vermont (Res)
Univ Wash (MFM/Infect Disease)



Joseph K Hwang, MD
Clinical Assoc Prof, MFM
Loyola Univ of Chicago Stritch (MD)
Georgetown University (Res)
Yale University (MFM)



Jennifer A Jolley, MD
Assistant Professor, MFM
Univ of California, Irvine (MD)
Univ of California, Irvine (Res)
Univ of California, Irvine (MFM)



Kimberly K Ma, MD
Assistant Professor, MFM
Vanderbilt University (MD)
OR Hlth & Science Univ (Res)
Univ of Washington (MFM)



Alyssa Stephenson-Famy, MD
Assistant Professor, MFM
Univ of Washington (MD)
Univ of Washington (Res)
Magee-Wmns Hosp (MFM)

Patient Care & Clinical Services

Division of MATERNAL-FETAL MEDICINE *(continued)*



Emily V Holing, PhD, ARNP
Teaching Associate, MFM
University of Washington (BS)
University of Washington (MA)
University of Washington (PhD)



**Kathleen Kenny, ARNP,
CNM, MA, Teaching Assoc, MFM**
University of Vermont (BSN)
New York Univ (MA Midwif)



Kathy O'Connell, MN, RN
Clinical Instructor, MFM
Perinatal Clinical Nurse Specialist
Univ of California, LA (MN)
State Univ of NY College (BSN)



Jasmine Lai, MD
Acting Instructor, MFM
Third Year Fellow (MFM)
Univ of Calif, SF (MD)
Univ of Calif, San Diego (Res)



Samantha Weed, MD
Acting Instructor, MFM
Third Year Fellow (MFM)
Jefferson Medical College (MD)
Hosp of the Univ of Penn (Res)



Timothy B Mitchell, MD
Acting Instructor, MFM
Second Year Fellow (MFM)
New York Medical College (MD)
Univ of Washington (Res)



Raj (Swati) Shree, MD
Acting Instructor, MFM
Second Year Fellow (MFM)
St Louis University SOM (MD)
Univ of Pittsburgh Med Ctr (Res)



Alisa B Kachikis, MD
Acting Instructor, MFM
First Year Fellow (MFM)
Univ of Texas, Galveston (MD)
Emory University (Res)



Christie Walker, MD, MPH
Acting Instructor, MFM
First Year Fellow (MFM)
St George's Univ, Grenada (MD)
SUNY Upstate Med Univ (Res)
St George's Univ, Grenada (MPH)

Maternal and Infant Care Clinic (MICC) *(at University of Washington Medical Center)*

Website: <http://www.uwmedicine.org/MICC>

- Services:
- Obstetrics—high-risk and routine
 - Fetal Medicine/Ultrasound
 - Diabetes in Pregnancy Clinic
 - Obstetrical Hypertension Consult Clinic
 - Prematurity Prevention Program and Multiple Gestation Clinic
 - Infectious disease in pregnancy, including HIV
 - Prenatal Genetics and Fetal Therapy Service
 - Antenatal fetal testing and triage
 - Childbirth, parenting and breastfeeding classes

Patient Care & Clinical Services

Division of WOMEN'S HEALTH CARE (UWMC)

The Women's Health Care Division provides preventive, obstetric and gynecologic care for women, including routine obstetrics, family planning, minimally invasive surgery, and specialized gynecologic care. They are also responsible for supervising/teaching in the residents' gynecology and continuity clinics at Roosevelt Women's Health Care Clinic. They provide specialty care at multiple clinic sites for a wide range of conditions—abnormal uterine bleeding, endometriosis, premalignant disease of the lower genital tract, benign gynecologic tumors, pelvic pain, and menopausal issues.



Seine Chiang, MD
Professor, Women's Health
Div Director, Wmn's Hlth (UWMC)
Asst Med Dir, WHCC, Roosevelt
Residency Program Director
Oregon Hlth & Science Univ (MD)
University of Texas (Res)



Kristina Adams Waldorf, MD
Assoc Professor, Women's Health
Mayo Medical School (MD)
University of Washington (Res)



Anne-Marie Amies Oelschlager, MD
Assoc Professor, Women's Health
Vanderbilt University (MD)
University of Washington (Res)



Karen L Bar-Joseph, MD
Clin Asst Prof, Wmn's Hlth
University of Washington (MD)
University of Washington (Res)



Katherine E Debiec, MD
Asst Professor, Women's Health
University of Washington (MD)
University of Washington (Res)



David A Eschenbach, MD
Chair, Department of Ob/Gyn
Professor, Women's Health
University of Washington (MD)
University of Washington (Res)
Univ of Wash (Infectious Disease)

Photo Not Yet
Available

Justin H Junn, MD, MBA
Clinical Asst Prof, Wmn's Hlth
University of Michigan (MD)
University of Michigan (Res)
University of Michigan (MBA)



Vicki Mendiratta, MD
Assoc Professor, Women's Hlth
Ob/Gyn Clerkship Director
Ohio State University (MD)
Ohio State University (Res)



Sue Lee Moreni, MD
Clinical Asst Prof, Wmn's Hlth
Columbia University (MD)
University of Washington (Res)



Kristin A Riley, MD
Acting Asst Prof, Wmn's Hlth
Jefferson Med College (MD)
Penn State (Res)



Anna R Shope, MD
Clinical Asst Prof, Wmn's Hlth
University of Washington (MD)
University of Washington (Res)

Patient Care & Clinical Services

Division of WOMEN'S HEALTH CARE (UWMC) Clinical Sites

- **Women's Health Care Center, Roosevelt**

4245 Roosevelt Way NE, 4th floor, Seattle, WA 98105

— General Ob/Gyn practice (*Junn, Mendiratta, Micks, Moreni, Prager, Riley, Shope*)

— Gyn-only practice (*Drs. Chiang, Debiec, Eschenbach, Adams Waldorf*)

— Vulvovaginitis Clinic (*Dr. Eschenbach*)

— Dysplasia Clinic (*Dr. Chiang*)

— Adolescent Gyn Clinic (*Dr. Debiec*)

— Family Planning Clinic (*Drs. Prager, Micks, Benson, Harrington*)

— Reproductive & Gynecologic Transitions Clinic (*Dr. Debiec*)

— Minimally invasive surgery, including robotics (*Dr. Chiang*)

— Office hysteroscopy and Essure

<http://uwmedicine.washington.edu/patient-care/our-services/find-a-clinic/pages/clinic.aspx?clinicid=1355>

- **Maternal and Infant Care Clinic (MICC) Teen OB Clinic** (*Dr. Debiec*)

University of Washington Medical Center (3rd floor), 1959 NE Pacific Street, Seattle, WA 98195

<http://www.uwbaby.org>

- **Seattle Children's Pediatric & Adolescent Gynecology Clinic**

— at Seattle Children's, Seattle (*Dr. Amies Oelschlager*)

4540 Sand Point Way NE, Seattle, WA 98105

— at Seattle Children's, Bellevue (*Dr. Debiec*)

1500 - 116th Ave NE, Bellevue, WA 98004

<http://www.seattlechildrens.org/clinics-programs/adolescent-gynecology/your-care-team/>

- **Hall Health** (*Drs. Eckert, Micks*)

- **UW Neighborhood Clinics**

Factoria (*Drs. Burke, Irwin*)

Ravenna (*Drs. Moreni, Bar-Joseph*)

Shoreline (*Drs. Shope, Bar-Joseph*)

<http://uwmedicine.washington.edu/Patient-Care/Locations/UW-Neighborhood-Clinics/Pages/default.aspx>

- **VA Puget Sound, Seattle & American Lake Gynecology**

Dr. Gardella, Gynecology Service Line Chief

Drs. Callegari, Lucas, Riley

http://www2.va.gov/directory/guide/region_flash.asp?map=0&ID=20

Patient Care & Clinical Services

Division of WOMEN'S HEALTH CARE (HMC)

Harborview Women's Clinic offers a wide range of obstetric, gynecologic and primary care services, with active inpatient and outpatient gynecologic surgical services. Harborview is the site of the Northwest Regional Trauma and Burn Centers, the Center for Sexual Assault and Traumatic Stress, and is also the county hospital for King County, serving all women, regardless of socioeconomic status.



Susan D Reed, MD, MPH
Professor, Women's Health
Div Director, Wmn's Hlth (HMC)
Stanford University (MD)
Univ of California, SF (Res)
Univ of Washington (MPH, Epi)



Alison K Burke, MD
Clinical Asst Prof, Wmn's Hlth
University of Washington (MD)
UC, San Diego (Res, Repro Med)



Linda O Eckert, MD
Professor, Women's Health
Gyn Director, Harborview
Sexual Assault Center
Univ of Calif, San Diego (MD)
University of Texas (Res)
Univ of Washington (Infect Dis)



Tracy E Irwin, MD, MPH
Assoc Prof, Women's Health
Northwestern University (MD)
Magee-Women's Hospital (Res)
Northwestern University (MPH)



Constance Mao, MD
Assoc Prof, Women's Health
Dir, HMC Wmn's Colposcopy Clinic
Univ of Southern Calif, LA (MD)
University of Washington (Res)



Jennie Mao, MD
Clinical Asst Prof, Wmn's Hlth
University of Michigan (MD)
Univ of New Mexico (Res)



Jennifer A Unger, MD, MPH
Assistant Professor, Wmn's Hlth
Univ of Connecticut (MPH,
Health Law & Medical Ethics)
Univ of Connecticut (MD)
Columbia and UW (Res)

Harborview Women's Clinic

- Services:*
- Dysplasia (Colposcopy Clinic)
 - General Gynecology
 - Abnormal bleeding
 - Fibroids
 - Endometriosis
 - Ovarian cysts
 - Sexually transmitted diseases (STDs)
 - Pelvic relaxation
 - General Obstetrics
 - Menopause
 - Refugee and Immigrant
 - Post-traumatic stress
 - Genital circumcision
 - Vaginitis and Vulvovaginal Disorders Clinic (V2 Clinic)

<http://www.uwmedicine.org/patient-care/our-services/find-a-clinic/pages/clinic.aspx?clinicid=259>

Patient Care & Clinical Services

Division of REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

The Division of Reproductive Endocrinology and Infertility (REI) has two physicians subspecialty board certified in REI who see patients at the University Reproductive Care Clinic (URC), UWMC Roosevelt. They specialize in comprehensive care to men and women trying to conceive a child. Our physician-educators work with patients and students of all levels to simplify and demystify reproductive endocrinology and the process of infertility treatments, providing advanced fertility-sparing surgery, intrauterine insemination procedures and IVF. Our facility has a new state-of-the-art IVF laboratory offering oocyte freezing, intracytoplasmic sperm injection and preimplantation genetic diagnosis. Our specialist physicians also treat patients for reproductive and gynecologic disorders, such as menstrual irregularities and anomalies of the reproductive tract, and are uniquely positioned to provide multidisciplinary fertility preservation care for the cancer patient and patients with medical complexity.



Genevieve Neal-Perry, MD, PhD
Assoc Prof and Div Director, REI
Robt Wood Johnson/Rutgers (MD)
Beth Israel Med Ctr (Res)
Albert Einstein Coll of Med (REI)
Robt Wood Johnson/Rutgers (PhD)



Diane E Woodford, MD, MSc
Clin Asst Prof, Repro Endo & Infer
Albany Medical College (MD)
Dartmouth-Hitchcock Med Ctr (Res)
Univ of Louisville (REI)
Univ of Louisville (MSc)



Emalee Danforth, MSN, CNM
Teaching Associate, REI
Univ of Washington (CNM)
Univ of Michigan (BS)

University Reproductive Care (at Women's Health Care Center, Roosevelt)

Website: uwmedicine.org/uwfertility

• Reproductive Endocrine Care

- Recurrent pregnancy loss
- Polycystic ovarian disease
- Endometriosis
- Endocrinopathies
- Androgen excess syndromes
- Menstrual/metabolic disorders

• Comprehensive Fertility Care

- Ovulation induction
- Intrauterine inseminations
- *In Vitro* Fertilization (IVF)
- Fertility preservation

• Operative Techniques and Procedures

- Advanced laparoscopy/hysteroscopy
- Correction of Müllerian anomalies
- Microsurgical sperm retrieval
- Microsurgical tubal anastomosis

• Education

- Basic reproductive endocrine and infertility care
 - Didactic
 - Clinical experience
- Individual, case-based learning and teaching
- Skills in reproductive imaging
 - Pelvic ultrasound
 - Hysterosalpingogram
 - Sonohysterogram

Patient Care & Clinical Services

Division of UROGYNECOLOGY

Physicians at the University of Washington and throughout the Pacific Northwest refer patients to the three urogynecologists in this division for management of pelvic organ prolapse and urinary and fecal incontinence, as well as other complicated conditions of the female pelvic floor. Our urogynecologists also work collaboratively with Female Urology. This is the most experienced **Urogynecology & Female Urology** practice in the WWAMI region. They evaluate >500 new patients, perform 200 urodynamic studies and ≥ 300 surgeries/year.



Gretchen M Lentz, MD
*Professor and Division Director,
Urogynecology
University of Washington (MD)
University of Washington (Res)
St George's Hosp, London (Urogyn)*



Michael F Fialkow, MD, MPH
*Assoc Prof, Urogynecology, Educ
Dir, Res Surg Skills Curriculum
University of Washington (MD)
University of Washington (Res)
Univ of Washington (Urogyn)
Univ of Washington (MPH, Epi)*



Anna Kirby, MD
*Acting Assistant Prof, Urogyn
University of Washington (MD)
UCSD & Kaiser Permanente (Res)
in Reproduct Med; Fellowship in
Female Pel Med/Reconstruct Surg*

Urogynecology and Female Urology Clinic (at UWMC Surgery Pavilion)

Urogynecology/Pelvic Health Center (at Eastside Specialty Ctr, UWMC's Eastside Health Partner)

Services:

- Pelvic organ prolapse
- Pelvic floor reconstructive surgery for prolapse
- Urinary incontinence
- Fecal incontinence
- Fistulas
- Robotic surgery

<http://www.uwmedicine.org/Patient-Care/Our-Services/Medical-Services/Urogynecology-Female-Urology/Pages/default.aspx>

Patient Care & Clinical Services

Division of FAMILY PLANNING

We offer a full range of family planning services in a nonjudgmental, supportive and respectful environment. Your privacy is our priority. Since the **Family Planning Clinic** is fully integrated into the UW Women's Health Care Center, Roosevelt, our patients are not identifiable from any others seeking care.



Sarah W Prager, MD, MAS
Assoc Prof and Div Director,
Family Planning
University of Texas (MD)
University of Vermont (Res)



Elizabeth Micks, MD, MPH
Assistant Prof, Fam Planning
Jefferson Medical College (MD)
Univ of CA, Davis (Res)
Oregon Hlth & Sci Univ (Fam Plan)



Lyndsey S Benson, MD, MS
Second Year Fellow (Fam Planning)
Case Western Reserve Univ (MD)
Univ of Chicago (Res)



Elizabeth K Harrington, MD
First Year Fellow (Fam Planning)
Univ of California, SF (MD)
Oregon Hlth & Science Univ (Res)

Family Planning Clinic (at Women's Health Care Center, Roosevelt)

Cedar River Clinic (Renton) <http://www.cedarriverclinics.org>

- Services:**
- Comprehensive family planning services
 - Individualized contraceptive counseling and all methods of contraception
 - Miscarriage management, including support services and treatments
 - Pregnancy termination services due to medical conditions or fetal anomalies
 - A specialty clinic uniquely tailored to care for women with complex medical conditions

MATERNAL-FETAL MEDICINE (Valley Medical Center)

We provide prepregnancy counseling for a variety of medical or genetic disorders affecting pregnancy. Maternal-fetal medicine specialists offer consultative care for medical disorders affecting pregnancy or complications that may develop during pregnancy, such as premature labor, preeclampsia, fetal-growth abnormalities, seizure disorders, thyroid disease and diabetes.



Joseph K Hwang, MD
Clinical Assoc Prof, MFM
Loyola Univ of Chicago Stritch (MD)
Georgetown University (Res)
Yale University (MFM)

Patient Care & Clinical Services

Division of WOMEN'S HEALTH CARE (VA Puget Sound Gynecology)

VA Puget Sound Gynecology is committed to providing evidence-based, efficient and compassionate clinical care to women veterans, consultation and education to other providers, and to advancing the field of Women's Health in the VA system through research and policy leadership.



Carolyn Gardella, MD, MPH
Assoc Professor, Women's Hlth (VA)
Gyn Service Chief, VA Puget Sound
State Univ NY, Stony Brook (MD)
University of Washington (Res)
Univ of Washington (MPH, Epi)



Lisa S Callegari, MD
Asst Professor, Wmn's Hlth (VA)
Harvard Medical School (MD)
Univ of CA, San Francisco (Res)



Joëlle Lucas, MD
Clinical Instructor, Wmn's Hlth (VA)
University of Washington (MD)
University of Washington (Res)



Kristin A Riley, MD
Acting Asst Prof, Wmn's Hlth (VA)
Jefferson Med College (MD)
Penn State (Res)

VA Puget Sound Gynecology, Seattle and American Lake Campuses

http://www2.va.gov/directory/guide/region_flash.asp?map=0&ID=20

We provide outpatient and inpatient gynecologic medical and surgical care to women veterans within the context of patient-centered Women's Health Programs at Seattle and American Lake VA Campuses. We also field non-visit consults from VA providers throughout the region.

- Services:**
- Reproductive life planning with an emphasis on LARC when appropriate
 - Preconception counseling
 - Infertility evaluation and ovulation induction
 - Management of early pregnancy loss
 - Diagnosis and treatment of ectopic pregnancy
 - Evaluation and management of abnormal uterine bleeding
 - Medical and surgical management of uterine fibroids
 - Management of adnexal masses
 - Diagnosis and management of:
 - abnormal vaginal discharge
 - vulvar dystrophies and dysplasia
 - cervical dysplasia
 - Evaluation and medical and surgical management of urinary incontinence
 - Management of pelvic organ prolapse
 - STD screening and treatment
 - Management of PCOS
 - Management of patients with familial cancer syndromes, BRCA mutations

RESEARCH

Research

CAREER DEVELOPMENT

Women's Reproductive Health Research Career Development Award

David A Eschenbach, MD, Principal Investigator; Susan D Reed, MD, MPH, Program Director

Funding Source: National Institutes of Health (NIH)

End Date: 6-30-20

DEPRESSION

Reducing Disparities and Improving Care for Depression in Ob/Gyn Clinics

Susan D Reed, MD, MPH, Co-Investigator

Funding Source: National Institutes of Health (NIH)

End Date: 3-31-16

EXTRACELLULAR RNA

Reference Profiles of ExRNA in Biofluids from Well-Defined Human Cohorts

Florian Hladik, MD, PhD, Co-Investigator, UW (PI: Muneesh Tewari)

Funding Source: NIH

End Date: 8-31-18

FAMILY PLANNING

Resident Training Initiative In Miscarriage Management (RTI-MM)

Sarah W Prager, MD, MAS, Principal Investigator

Funding Source: Washington State Department of Health

End Date: 6-30-16

Training, Education & Advocacy in Miscarriage Management (TTEAM)

Sarah W Prager, MD, MAS, Principal Investigator

Funding Source: Washington State Department of Health

End Date: 6-30-16

A Randomized Double-Blinded Controlled Trial Comparing Dilation and Evacuation Outcomes With and Without Oxytocin Use

Elizabeth A Micks, MD, Principal Investigator

Funding Source: Society of Family Planning

End Date: 12-31-15

Mobile Phone SMS Dialogue with Women and Their Male Partners (Mobile WACH XY) and Postpartum Contraceptive Uptake in Kenya: A Randomized Controlled Trial

Elizabeth K Harrington, MD, Principal Investigator; Jennifer A Unger, MD, MPH, Co-Investigator

Funding Source: Society of Family Planning

End Date: 6-30-16

Research

FIBROIDS

US Study of Uterine Fibroids: Case-finding, Incidence and Patterns of Care in a Population-based Cohort

Susan D Reed, MD, MPH, Co-Investigator

Funding Source: Bayer Pharmaceutical

End Date: 11-31-15

GLOBAL HEALTH

Evaluation of mHealth Strategies to Optimize Adherence and Efficacy of PMTCT/ART

Jennifer A Unger, MD, MPH, Co-Investigator, with Grace C John-Stewart, MD, MPH, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH/NICHD)

End Date: 5-1-19

GYNECOLOGIC CANCERS

DNA Repair Therapies for Ovarian Cancer (Stand Up to Cancer/SU2C)

(American Association of Cancer Research, Stand Up To Cancer Ovarian Cancer Dream Team)

Elizabeth M Swisher, MD, Co-Leader with Alan D'Andrea, MD

Funding Source: American Association of Cancer Research

End Date: 5-31-18

Cancer Risks Associated with Inherited Mutations in Ovarian Cancer Susceptibility Genes Beyond BRCA1 & BRCA2

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Department of Defense

End Date: 4-30-18

Mechanisms of PARP Inhibitor Resistance in Ovarian Cancer

Elizabeth M Swisher, MD, Co-Investigator (Kaufmann, PI)

Funding Source: NIH/NCI

End Date: 2-28-20

Investigating the Germline Mutation Rate in African American Women in Arkansas with a Personal or Family History of Breast Cancer Using a Multiplex Panel (Zorn)

Elizabeth M Swisher, MD, Co-Investigator

Funding Source: Arkansas Breast Cancer Program

End Date: 1-31-17

The Fanconi Anemia BRCA Pathway as a Predictor of Benefit from Bevacizumab in a Large Phase III Clinical Trial in Ovarian Cancer

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Department of Defense (DOD) Pilot Award

End Date: 10-31-15

Research

GYNECOLOGIC CANCERS *(continued)*

Defining Genomic Scarring and Functional DNA Variants that Predict Response to PARP Inhibitors in a Clinical Trial for Recurrent Ovarian Cancer

Elizabeth M Swisher, MD, Co-Principal Investigator with Toshiyasu Taniguchi, MD, PHD

Funding Source: Fred Hutchinson Cancer Research Center

End Date: 10-31-16

Evaluation of DNA Repair Function as a Predictor of Response in a Clinical Trial of PARP Inhibitor Monotherapy for Recurrent Ovarian Carcinoma

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Department of Defense (DOD) Synergistic Translational Leverage Award

End Date: 9-30-16

A Phase I Study to Evaluate the Safety, Pharmacokinetics and Oral Bioavailability of Veliparib Extended-Release Formulations in Subjects with Solid Tumors

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Abbott Laboratories

End Date: 8-6-16

The FA-BRCA Pathway Response to Platinum and PARP Inhibitors in Ovarian, Tubal and Peritoneal Carcinomas

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Ovarian Cancer Research Fund (OCRF)

End Date: 12-31-15

ARIEL2: A Phase 2 Open-Label Study of Rucaparib in Patients with Platinum-Sensitive Relapsed High-Grade Epithelial Ovarian, Fallopian Tube or Primary Peritoneal Cancer *(through Department of Medicine)*

Elizabeth M Swisher, MD, North American Principal Investigator

Funding Source: Clovis Oncology

End Date: 2013 to present

ARIEL3: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of Rucaparib as Switch Maintenance Following Platinum-Based Chemotherapy in Patients with Platinum-Sensitive, High-Grade Serous or Endometrioid Epithelial Ovarian, Primary Peritoneal or Fallopian Tube Cancer *(through Department of Medicine)*

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Clovis Oncology

End Date: 2014 to present

Randomized Phase II Study of MLN8237, an Aurora A Kinase Inhibitor Plus Weekly Paclitaxel or Weekly Paclitaxel Alone, in Patients with Recurrent Epithelial Ovarian, Fallopian Tube or Primary Peritoneal Cancer

Barbara A Goff, MD, Principal Investigator

Funding Source: Millenium Pharmaceuticals, Inc.

End Date: 3-27-16

Research

GYNECOLOGIC CANCERS *(continued)*

Immune Profiling of BRCA1 and Platinum Resistance in Ovarian Cancer

John B Liao, MD, PhD, Principal Investigator

Funding Source: Department of Defense

End Date: 9-1-19

Behavioral and Neural Response to Cognitive Training in Gynecologic Cancer Survivors

Heidi J Gray, MD, Principal Investigator

Funding Source: UW Royalty Research Fund

End Date: 8-15-16

Combining a Symptom Index with Biomarker Screening in the Assessment of Patients with Adnexal Masses

Renata R Urban, MD, Principal Investigator

Funding Source: Vermillion, Inc.

End Date: 12-31-14

GSK OMB Clinical Trial

Benjamin E Greer, MD, Principal Investigator

Funding Source: GlaxoSmithKline, Inc.

End Date: 12-31-18

Molecular Biomarkers to Predict PARP Inhibitor Response in Ovarian Cancer

Barbara S Norquist, MD, Principal Investigator

Funding Source: Ovarian Cancer Research Fund (OCRF)

End Date: 6-30-17

HEALTH SERVICES

Reproductive Life Planning for Women Veterans

Lisa S Callegari, MD, MPH, Principal Investigator

Funding Source: Veterans Administration (VA), Health Services Research & Development (HSR&D)

End Date: 10-1-20

HERPES SIMPLEX VIRUS (HSV)

Clinical Epidemiology and Pathogenesis of Asymptomatic HSV Infection

Project 1: Incident HSV-2 and Genital Health in Kenyan Adolescent Girls: An Inception Cohort

Florian Hladik, MD, PhD, Co-Investigator/Project 1 Leader (PI: Anna Wald, MD, MPH)

Funding Source: NIH/NIAID

End Date: 6-30-18

Research

HIV/AIDS

UW IMPAACT Clinical Trial Unit (Year 7)

Jane E Hitti, MD, MPH, Principal Investigator

Funding Source: Seattle Children's Hospital/Research

End Date: 5-31-15

Ryan White Part D Services

Jane E Hitti, MD, MPH, Principal Investigator

Funding Source: Washington State Dept of Health (DOH)/Health Resources and Services Administration (HRSA)

End Date: 7-31-16

HIV Vaccine Trials Network (HVTN) Laboratory Program

Florian Hladik, MD, PhD, Investigator (PI: MJ McElrath)

Funding Source: NIH/NIAID

End Date: 11-30-20

Center for AIDS Research (CFAR). Core I: Immunology (Co-Directors: De Rosa & Stamatatos L)

Florian Hladik, MD, PhD, Co-Investigator (PI: King Holmes)

Funding Source: NIH/NIAID

End Date: 5-31-18

Development of Optimal Techniques for Cryopreservation of Human Mucosal Tissues for Use in Assessing HIV Vaccines and Microbicides

Florian Hladik, MD, PhD, and Dayong Gao, PhD, Co-Principal Investigators

Funding Source: Bill & Melinda Gates Foundation

End Date: 10-31-16

Extracellular Vesicles in Semen and Genital HIV Infection and Immunity during Heroin Addiction and Methadone or Buprenorphine Substitution Therapy

Florian Hladik, MD, PhD, Principal Investigator

Funding Source: NIH/NIDA

End Date: 6-30-20

Novel Studies of the Effect of Progestin-Containing Contraception on HIV Risk

Florian Hladik, MD, PhD, Co-Investigator (PIs: Jared Baeten & Jairam Lingappa)

Funding Source: Centers for Disease Control (CDC)

End Date: 8-31-19

Targeted Long-Acting Combination Antiretroviral Therapy (TLC-ART) Program

Florian Hladik, MD, PhD, Co-Investigator/Project 3 Leader (PI: Rodney Ho)

Funding Source: NIH

End Date: 8-31-20

Research

HIV/AIDS (*continued*)

Heterosexual Anal Intercourse—Perceptions and Practices

Lyndsey Benson, MD, MS, Principal Investigator

Funding Source: Society of Family Planning

End Date: 6-30-16

HUMAN PAPILLOMAVIRUS (HPV)

Population-Based Research Optimizing Screening through Personalized Regimens (PROSPR)

Constance Mao, MD, Co-Investigator (Co-PIs: Dr. Zi-Ding Feng, Dr. Barlow)

Funding Source: National Institutes of Health (NIH)

End Date: 9-30-16

Cytology vs. At Home HPV Screening for Detection of CIN 2,3, CIS

Constance Mao, MD, Co-Investigator (Co-PIs: Dr. Nancy Kiviat, Dr. Shalini Kulasingam)

Funding Source: National Institutes of Health (NIH)

End Date: 7-31-16

Clinical Evaluation of the Xpert® HPV Assay as a Primary Screening Test for the Detection of High-Grade Cervical Disease in Women Undergoing Routine Cervical Cancer Screening

Constance Mao, MD, Principal Investigator

Funding Source: Private

End Date: October 2019

HYPERTENSION IN PREGNANCY

Moderate Hypertension in Pregnancy: Safety and Effectiveness of Treatment

Thomas R Easterling, MD, Co-Investigator (PI: Sascha Dublin, MD, PhD)

Funding Source: NIH

End Date: 6-30-19

MENOPAUSE

Menopause Strategies: Finding Lasting Answers for Symptoms and Health (FLASH)

Susan D Reed, MD, MPH, Principal Investigator

Funding Source: National Institutes of Health

End Date: 4-1-20

MICROBICIDE DEVELOPMENT

Combination HIV Prevention in Drug-Eluting Fibers: Designing for Efficacy and Use

Dorothy L Patton, PhD, Co-Investigator (PI: Kim Woodrow, PhD)

Funding Source: National Institutes of Health (NIH/NIAID)

End Date: 1-31-18

Research

MICROBICIDE DEVELOPMENT *(continued)*

Project 2—Nonhuman Primate Studies of Tenofovir and Dapivirine

Dorothy L Patton, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH/NIAID)

End Date: 5-31-16

Continued Assessment of Nano-Fibers for Multi-Purpose Prevention Technology (MPT) Development

Dorothy L Patton, PhD, Co-Investigator (PI: Kim Woodrow, PhD)

Funding Source: Bill and Melinda Gates Foundation

End Date: 12-31-16

Continued Assessment of Films for Multi-Purpose Prevention Technology (MPT) Development

Dorothy L Patton, PhD, Co-Investigator (PI: Lisa C Rohan, PhD)

Funding Source: Bill and Melinda Gates Foundation

End Date: 12-31-15

Alternative Formulations of Tenofovir and Dapivirine

Dorothy L Patton, PhD, Project 2 Leader “Nonhuman Primate Studies”;

Sharon L Hillier, PhD and Lisa C Rohan, PhD, Co-Principal Investigators

Funding Source: NIH / NIAID

End Date: 5-31-16

Film Antiretroviral Microbicide Evaluation

Dorothy L Patton, PhD, Core B Project Leader “Nonhuman Primate Studies”;

Sharon L Hillier, PhD and Lisa C Rohan, PhD, Co-Principal Investigators

Funding Source: NIH / NIAID

End Date: 7-1-20

Systems and Carcinogenic Impact Assessment of Topical Microbicides on the Human Mucosa

Florian Hladik, MD, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH/NIAID)

End Date: 4-30-20

Nanoparticle Microbicides for Delivery of Combination Antiretroviral Drugs (R21/R33)

Florian Hladik, MD, PhD, Co-Principal Investigator

Funding Source: NIH/NIAID

End Date: 5-31-16

MODEL DEVELOPMENT

Development of Nonhuman Primate Model of S. aureus Nasal Carriage

Dorothy L Patton, PhD, Co-Investigator (PI: Alex Cole, PhD)

Funding Source: NIH / NIAID

End Date: 6-30-17

Research

MODEL REFINEMENT

Model Refinement in Pig-tailed Macaques: Assessment of Chlamydia trachomatis Infection with Clinical or Laboratory Strains of Genital Serovars

Dorothy L Patton, PhD, Principal Investigator

Funding Source: NIH / NIAID

NEUROENDOCRINE

Kisspeptin/Kiss1r in the Female Neuroendocrine Axis

Robert A Steiner, PhD, Principal Investigator

Funding Source: National Institute of Child Health and Human Development (NICHD)

End Date: 8-31-16

OBSTETRIC QUALITY OUTCOMES

N21138 NWPRN 2015

Jane E Hitti, MD, MPH, Principal Investigator

Funding Source: Wash State Dept of Health (DOH)/US Dept of Health & Human Services (DHHS)

End Date: 6-30-16

PHARMACOKINETICS

Mechanisms of Drug Disposition During Pregnancy

Alyssa Stephenson-Famy, MD, and Justine C Chang, MD, Investigators,
with Jashvant D Unadkat, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH)

End Date: 5-31-18

PREECLAMPSIA

The Maternal Anti-Fetal Immune Response and the Role of Microchimerism in Preeclampsia (K08)

Hilary S Gammill, MD, Principal Investigator

Funding Source: National Institutes of Health (NIH)

End Date: 5-31-17

PRETERM BIRTH

Global Alliance to Prevent Prematurity and Stillbirth (Year 4)

David A Eschenbach, MD, Principal Investigator

Funding Source: Seattle Children's Hospital Research Institute

End Date: 6-30-16

Research

PRETERM BIRTH *(continued)*

Determinants of Preterm Birth Associated with Bacterial Trafficking from the Lower Genital Tract

David A Eschenbach, MD, Principal Investigator; Kristina M Adams Waldorf MD, Co-PI;
Florian Hladik, MD, PhD, Co-Investigator

Funding Source: Bill & Melinda Gates Foundation

End Date: 11-30-15

GBS-Mediated In Utero Fetal Injury

Kristina M Adams Waldorf, MD, Co-Principal Investigator with Lakshmi Rajagopal, PhD

Funding Source: National Institutes of Health/ (NIH/NIAID)

End Date: 6-30-17

Environmental Signals that Regulate GBS Virulence

Kristina M Adams Waldorf, MD, Co-Investigator, with Lakshmi Rajagopal, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH/NIAID)

End Date: 11-30-15

Role of an Ornithine Rhamnolipid Pigment in GBS Virulence (R01)

Kristina M Adams Waldorf, MD, Co-Investigator, with Lakshmi Rajagopal, PhD, Principal Investigator

Funding Source: National Institutes of Health (NIH/NIAID)

End Date: 6-30-19

Targeting Leukocyte Activation to Prevent Preterm Labor

Kristina M Adams Waldorf, MD, Co-Investigator, with Stephen Lye, PhD, Principal Investigator (University of Toronto)

Funding Source: Burroughs-Wellcome Fund

End Date: 5-30-18

TRAINING GRANT

Building Research Across Interdisciplinary Gaps (BRIDG) T90/R90 Training Program

Susan D Reed, MD, MPH, Principal Investigator

Funding Source: National Center for Complementary and Alternative Medicine (NCCAM)

End Date: 12-31-20

UROGYNECOLOGY

American Urogynecologic Society Junior Faculty Research Network

Anna C Kirby, MD, Principal Investigator

Funding Source: American Urogynecologic Society (AUGS)

End Date: 5-31-16

Research

VACCINE DEVELOPMENT

A Randomized, International, Double-Blind, Controlled with GARDASIL™, Dose-Ranging, Tolerability, Immunogenicity, and Efficacy Study of a Second Generation Human Papillomavirus L1 Virus-Like Particle Vaccine Administered to 16–26 Year Old Women

Constance Mao, MD, Principal Investigator

Funding Source: Private

End Date: 4-30-16

Chlamydia trachomatis Vaccine Safety and Efficacy Evaluation in Nonhuman Primates

Dorothy L Patton, PhD, Principal Investigator

Funding Source: National Institute of Allergy and Infectious Diseases (NIAID)

End Date: 5-31-16

