

*University of Washington*  
**Department of Obstetrics and Gynecology**

**2017–2018**  
**Resident Applicant Information**





## Administration



Established in 1948, the Department of Obstetrics and Gynecology has a faculty of 57 practicing physicians (five of them community-based generalists), seven basic scientists, one research mentor, seven nurse practitioners and 13 fellows, with 28 residents in training.

David A Eschenbach, MD, has served as the department Chair since June 2002. Of the 30 faculty members for whom subspecialty certification is available, 25 are board certified in their subspecialty and five are active candidates. All our faculty are board certified in Ob/Gyn except three junior faculty who are active candidates.

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### 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>	Cynthia Bowden	(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
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### 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 &amp; 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**  
*Assoc Prof, Mat-Fet Medicine  
 Assoc Residency Prgrm Director  
 Residency Research Director*



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

### Medical Student Leadership

### Clinician Educators



**Catherine M Albright, MD, MS**  
*Assistant Professor, MFM*



**Anne-Marie Amies Oelschlagel, MD**  
*Prof, Pediatric/Adolescent Gyn*



**Alison K Burke, MD**  
*Asst Prof, HMC Wmn's Health*



**Shani S Delaney, MD**  
*Assistant Professor, MFM*



**Michael F Fialkow, MD, MPH**  
*Assoc Prof, Urogynecology  
 Ob/Gyn Simulation*



**Esther Fuchs, MD, MS**  
*Asst Prof, HMC Wmn's Health  
 USG Education*



**Tracy E Irwin, MD, MPH**  
*Assoc Prof, HMC Wmn's Health  
 Global Health Education*



**Gretchen M Lentz, MD**  
*Prof & Div Dir, Urogynecology*



**Kimberly K Ma, MD**  
*Assistant Professor, MFM*



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



**Renata R Urban, MD**  
*Associate Professor, Gyn Onc*

#### Education directors at our community sites:

- Joshua Press, MD—  
Swedish Gynecology/Oncology
- Suzanne Peterson, MD—Swedish Obstetrics
- Julie Lamb, MD—Swedish REI
- Marisa Dahlman, MD, MPH—  
Virginia Mason Gynecology
- Leslie McLemore, 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 three in Family Planning
  - Volunteer teaching faculty at Swedish Gynecologic Oncology group (*6 gynecologic oncologists and 2 benign gynecologists*), Swedish Perinatal Medicine group (*11 perinatal specialists*), Virginia Mason (*6 gynecologists*), Pacific Northwest Fertility (*4 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
- Formal curriculum for adverse event/difficult news communication in Ob/Gyn
- Continuation of our rigorous surgical skills curriculum and our nationally-recognized simulation center (WISH), 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 **October 1, 2017**, 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<sup>®</sup> 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, 2017**

<i>Level</i>	<i>Annual Salary</i>	<i>Monthly Rate</i>
R1	\$56,520	\$4,710
R2	\$58,728	\$4,894
R3	\$61,140	\$5,095
R4	\$63,768	\$5,314

#### *Housestaff Benefits*

Housestaff benefits include (*see GME letter regarding union benefits*):

- 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 2017–2018**

#### **R4**



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

#### **R3**



Carlie S. Field, MD  
University of Colorado



Talayah 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

#### **R2**



Katrin E. Eurich, MD, MPH  
Univ of Texas, San Antonio



Teodora R. Kolarova, MD  
Harvard Medical School



Varvara Mazina, MD  
Univ of Washington



Kevin M. Saiki, MD  
University of Vermont



Monica E. Venn, DO  
Lk Erie Coll Osteopath Med



Anna L. Walton, MD  
Univ of Washington



Joanna Zhou, MD, MPH  
Case Western Reserve/  
Cleveland Clinic

#### **R1**



Kristin E. Cutler, MD  
Univ of California, Davis



Anne K. Erickson, MD  
Stanford University



Nicole M. Kretzer, MD, PhD  
Wash Univ, St Louis



Leah M. Savitsky, MD  
OR Hlth & Science Univ



Brian W. Wakefield, MD  
University of Virginia



Arielle R.S. Weiss, MD  
Tufts University



Roshini S. Zachariah, MD  
Boston University



## 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 2016-17 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) 2016-17*

<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	5	1	3	2	44	21	4	7	21
R2	17	8	10	19	87	41	14	83	65
R3	34	28	26	66	138	80	89	119	85
R4	50	33	51	64	141	61	63	92	99
<i>UW data compared to national graduates (2017 National Percentile per ACGME)</i>									
UW 2017	79th	88th	67th	65th	90th	32nd	85th	74th	93rd

*\*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) 2016-17*

<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	101	3	0	39
R2	164	117	4	128
R3	213	205	11	169
<i>UW data compared to national graduates as <u>surgeon</u> and <u>teaching assistant</u> (2017 National Percentile per ACGME)</i>				
R4	267	262	20	207
UW 2017	46th	73rd	35th	83rd

# Education and Training

## RESIDENCY PROGRAM

### Representative Rotation Schedule 2017–2018

R1	Swedish Gyn/Onc	UW OB	OB Night Float	UW Gyn Onc	UW OB	OB Night Float	SCH Pedi Gyn/AMB	VA Gyn	UW Gyn			
R2	UW OB Antepartum	Swedish REI		Yakima	UW APS	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/AMB		Yakima	Gyn Night Float	Elective	Gyn Night Float	VM Gyn
R4	Swedish Gyn/Onc	UW OB	OB Night Float	UW Gyn Onc	UW Gyn		UW OB	OB Night Float	Jeopardy		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  
SCH = Seattle Children's

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, 2017–18

Level	Rotations	Time Spent
<b>R1</b>	Obstetrics	16 wks
	Gynecology	16 wks
	Gynecologic Oncology	16 wks
	Pediatric-Adolescent Gyn/Ambulatory Women's Health	8 wks
<b>R2</b>	Obstetrics	24 wks
	Gynecology	8 wks
	Gynecologic Oncology	8 wks
	Reproductive Endocrinology and Infertility	8 wks
	Rural Obstetrics and Gynecology ( <i>Yakima</i> )	4 wks
	Ambulatory Women's Health	4 wks
<b>R3</b>	Obstetrics—High-Risk Obstetrics	16 wks
	Gynecology	24 wks
	Elective—Research or Global Health	4 wks
	Rural Obstetrics & Gynecology ( <i>Yakima</i> )	4 wks
	Family Planning/Ambulatory Women's Health	8 wks
<b>R4</b>	Obstetrics	16 wks
	Gynecology	8 wks
	Gynecologic Oncology	16 wks
	Urogynecology	8 wks
	Jeopardy	8 wks
<b>Approx Total Clinic Exper for All 4 Yrs</b>	Obstetrics	72 wks
	Gynecology	56 wks
	Gynecologic Oncology	40 wks
	Urogynecology	8 wks
	Reproductive Endocrinology and Infertility	8 wks
	Family Planning	8 wks
	Pediatric-Adolescent Gyn	8 wks
	Ambulatory Women's Health (Primary Care + Specialty)	4 wks
	Elective—Research or Global Health	4 wks
	Rural Obstetrics and Gynecology	8 wks
	Jeopardy	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 WWAMI Institute for Simulation in Healthcare (WISH). 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. Residents work closely with two AAGL MIGS fellows. 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 several MIGS faculty.

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, OB consultations, and teaching and oversight of Swedish family medicine residents. They are also managing laboring patients, performing cesarean and vaginal deliveries, and involved with surgeries, including cerclage placement, D&Es and cesarean hysterectomies.

# 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.



### **Virginia Mason Memorial, Yakima**

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 a dedicated core group of supervising Ob/Gyn attendings provide primary, obstetrical and gynecologic care for their patients. Residents on rotation at Virginia Mason Memorial also get experience delivering low-risk obstetrics patients, teaching UW medical students and Yakima 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 psycho-

social components of caring for women veterans.

# Education and Training

## GLOBAL HEALTH Overview in Ob/Gyn



The UW Department of Ob/Gyn has a long history of collaboration, advocacy, research 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 Dept of Global Health, PATH, The Bill & Melinda Gates Foundation, Seattle Biomedical Research Institute and the Fred Hutchinson Cancer Research Center. We have a comprehensive global health education, training and service curriculum for residents. Drs. Jenni Unger (research) and Tracy Irwin (education) lead the resident activities in global health.

### Resident Training

#### *David A Eschenbach Global Health Track for Ob/Gyn Residents*

The University of Washington (UW) David A Eschenbach Global Health Track is designed for Ob/Gyn residents who are considering a career in global health and wish to continue global health research, program work, or teaching pursuits during residency. Ob/Gyn residents selecting this pathway during their first year will complete the UW Global Health Training Certificate (GHTC), which is offered across disciplines to all residents and fellows in training upon their completion of required Global Health training activities, including coursework, seminars, overseas elective and a capstone project.

#### *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 by those residents in the Global Health Pathway. 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 Lecture Series*

As part of the residency education curriculum a Global Health lecture series is given each spring. The series is topic and region based (e.g., HIV/STI, gender-based violence, cervical cancer) 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.

#### *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/>

## Education and Training

### **Resident Training** (*continued*)

#### ***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 partners with a site in Naivasha, Kenya, where residents can participate in clinical services and community projects. (see below)

#### ***Global Health Research***

Our faculty are actively engaged in many organizations and in research dedicated to improving women's health in Africa, South America and Asia: preterm birth, hypertension in pregnancy (preeclampsia), utilization of mobile technologies to improve maternal and child health, ultrasound in pregnancy, family planning, infectious diseases, sexually transmitted infections, vaccine development/coverage, and community health. Residents are able to work with faculty on global health projects to fulfill their research requirement.

#### **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. 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 will have the opportunity to spend their 4-week elective time in Naivasha, Kenya, two hours outside of Nairobi. In partnership with trainees from the University of Nairobi, residents from all departments (Medicine, Ob/Gyn, Surgery, Pediatrics, etc.) will work under the supervision of a UW Internal Medicine Global Health Chief Resident based in Naivasha and alongside Kenyan physicians and health care providers. They will manage patients in outpatient and inpatient settings who present with medical problems commonly encountered in Kenya and work under the economic and social constraints that exist in low-income countries.

Residents will also have a primary responsibility for providing clinical teaching to medical students, nurses, clinical officers and interns at the hospital. A new delivery unit services over 3,000 deliveries a year. Educational settings will include bedside teaching, presentations on specific topics, active participation in morning reports, review of journal articles, and curriculum development.

## Education and Training

### GLOBAL HEALTH

#### Ob/Gyn Faculty Currently Working Internationally

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



- David A Eschenbach, MD  
• Linda O Eckert, MD  
Kenya  
Kenya, worldwide (policy development, HPV vaccine research); WHO, PATH (vaccine policy, cervical cancer screen guideline development), Namibia (cervical cancer screening development)
- Thomas R Easterling, MD  
India, Mexico, Egypt, Bangladesh—  
Developing effective strategies to manage hypertension in pregnancy in low resource settings.
- Michael G Gravett, MD  
Sub-Saharan Africa (Zambia, Kenya), South Asia (India, Bangladesh)—Facilitate pregnancy-specific biobanks to study adverse pregnancy outcomes, including preterm birth, gestational diabetes, preeclampsia and fetal growth disturbances
- Elizabeth Harrington, MD  
Kenya—Evaluating strategies for engaging and empowering adolescents in their reproductive health in low-resource settings of developing countries.
- Sarah W Prager, MD, MAS  
Zambia, Uganda, Nepal, Zimbabwe and Pakistan—  
Introducing immediate postpartum LARC in low resource settings and insuring best practices in contraception
- Tracy Irwin, MD, MPH  
Senegal, Kenya, Guyana—Global health education of US trainees and quality improvement of women’s health services in low resource settings
- Florian Hladik, MD, PhD  
Kenya, South Africa, Thailand—To understand the interplay between pathogens, the mucosa and medical interventions, and to improve the prevention and treatment of sexually transmitted diseases around the globe, especially HIV
- Jennifer A Unger, MD, MPH  
Kenya, Bangladesh—Evaluation of mHealth communication strategies to optimize adherence and efficacy among mothers with newborns in low-resource settings
- Kristina Adams Waldorf, MD  
Sweden (National Registry/Health Registry research to link pregnancy infections with long-term effects on child and adult); Caribbean, Latin and South America with USAID (Course development for pregnancy providers learning ultrasound in low-income countries, focusing on recognition of Zika virus-associated fetal anomalies)
- Elizabeth A Bukusi, MBChB, MMed, MPH, PhD  
Burundi, Kenya, Rwanda, Tanzania, Ethiopia



# 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. As R4s, they prepare a presentation for Resident Research Day and present their research to the department and Ob/Gyn community. Residents are also required to prepare a manuscript on their research 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>
<b>Class of 2018</b>		
Eston	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Hayashida	Seattle	Research, Seattle Children's Pediatric Gyn, Family Planning, Gynecology
Hendrickson	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Humphrey	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Hunt	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Pauk	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Vinekar	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
<b>Class of 2017</b>		
Cannon	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Chen	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Crouthamel	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
McCartney	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Sobhani	Kenya	Global maternal hlth; surg techniques low-resource setting; teaching Ob/Gyn skills
Stewart	Providence, RI	Brown Women & Infant's Hospital; Urogynecology patient care and surgery
Wald	San Francisco, CA	Univ of CA, Reproductive Endocrinology & Infertility patient care and surgery
<b>Class of 2016</b>		
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
<b>Class of 2015</b>		
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

# 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 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 obstetric scenarios.

#### *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 obstetric emergencies, including trauma
- 3) Implement (through scenario simulation) patient safety principles and a culture of teamwork, using the TeamSTEPPS tools
- 4) Research studies aim to improve simulation-based teaching methods using 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 WISH Center, available to residents 24/7
- 2) Monthly 2-hour labs in the WISH Center using models, simulators, skills drills, etc.
- 3) Annual animal lab for second year residents held in the Center for Videoendoscopic Surgery
- 4) Office hours with Dr. Fialkow and/or Dr. Stephenson-Famy

#### **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—mainly focused on learning facts and measuring performance-specific tasks, economy of motion and precision:

- da Vinci Trainer (Mimic Technologies)
- 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 cow tongue Episiotomy model
- Hot dog LEEP model
- Knot Tying Boards (Simulab)
- Obstetrical Manikin (Simulaids)
- Tissue Suture Pads (Simulab)
- TraumaMan (Simulab)
- Laparoscopic cuff closure

### **WWAMI INSTITUTE FOR SIMULATION IN HEALTHCARE (WISH)**



The primary goal of WISH 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 WISH to teach fundamental surgical skills, such as knot tying, as well as to simulate obstetric emergencies, such as postpartum hemorrhage and eclampsia. WISH received accreditation as a Level 1 Comprehensive Education Institute of the American College of Surgeons in 2006 (<http://www.wish.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

## RESIDENCY PROGRAM

### 2017-18 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 <a href="http://www.abog.org">www.abog.org</a>
Annual Resident Retreat	In early September (location TBD) Each division is responsible for its own attending coverage until 5:00 pm.
Annual Program Review	In April, 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. Faculty cover all services.
Legislative Day	Residents as scheduled; not all will attend. Details TBA. 8:00 am to 2:30 pm in February
Ski Day	In February (8:00 am to 5:00 pm) at Snoqualmie Pass
Porcine Lab	Laparoscopy training for R1s in May or June
Resident Roast	June 22, 2018 (venue TBA)
Senior Resident & Fellow Graduation Banquet	June 23, 2018 (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

<b>Grand Rounds</b> — Wednesday mornings, 8:00 am to 9:00 am, September through May	As listed on Grand Rounds Schedule online at <a href="http://www.obgyn.uwmedicine.org">http://www.obgyn.uwmedicine.org</a> (click on <i>Department Calendar &amp; News</i> )
<b>Resident Didactics/Lectures/Conferences</b> (required) • Morbidity & Mortality Conference @ 9:00 am (SCC-316) • Didactics 10:00 am to noon, BB-667 (Simulation in WISH monthly) • Presurgery conference @ 12:00 to 1:00 pm, BB-667	Wednesday mornings 9:00 am to noon
<b>Faculty Research Hour</b>	10:00 am 1st Wed of the month, September thru June
<b>Journal Club</b> — Wednesday evenings at 7:00 pm	6 times/year at faculty homes
<b>Clinical Competency Committee Mtg</b> (resident evals)	December and May annually, 9:00 am to noon
<b>Faculty Meetings</b>	Monthly—4th Wednesday of the month at 7:00 am
<b>Faculty Development Workshop</b>	Annually in June
<b>Resident Applicant Interviews</b>	Mondays & occasional Wednesdays, 7:15 am to 3:00 pm Late October, November, December

## Education and Training

### 2017–2018 GRAND ROUNDS—First Half

- Sept 27: **The ZIKA Virus Epidemic and Effects on the Fetal Brain**  
*Kristina Adams Waldorf, MD, Professor, Women's Health, Dept of Obstetrics & Gynecology, UW*
- Oct 4: **Targeted Training Improves Shoulder Dystocia Management and Outcomes**  
*Bob Allen, PhD, PE, Retired Faculty, Dept of Biomedical Engineering, Johns Hopkins University*
- Oct 11: **The ART of FRAX**  
*Eliza Curnow, PhD, MSc, Embryologist, REI/IVF Lab, Dept of Obstetrics & Gynecology, UW*
- Oct 18: **Hospital-Acquired Infections: Update for Ob/Gyn**  
*Paul Pottinger, MD, DTM&H, Associate Professor, Department of Infectious Diseases, UW*
- Oct 25: **The Multifarious Effects of Exomes in Semen**  
*Lucia Vojtech, PhD, Research Asst Prof, Hladik Laboratory, Dept of Obstetrics & Gynecology, UW*
- Nov 1: **Women vs. the White House**  
*Rebecca Taub, MD, Fellow/Division of Family Planning, Dept of Obstetrics & Gynecology, UW*
- Nov 8: **Brain Regulation of Appetite in Obesity**  
*Ellen Schur, MD, MS, Associate Professor, Div of General Internal Medicine, Harborview Medical Ctr*
- Nov 15: **Math Matters: Pave the Way for the Future Healthcare AI System**  
*Hau-Tieng Wu, MD, PhD, Assoc Prof, Depts of Mathematics and Statistical Sciences, Duke University*
- Nov 22: No Grand Rounds (holiday)
- Nov 29: **Microbirth: Vaginal Microbes, Mode of Delivery and Establishing the Infant Gut Microbiota**  
*Caroline Mitchell, MD, MPH, Asst Professor, Vincent Ob/Gyn Dept, Massachusetts General Hosp*
- Dec 6: No Grand Rounds (R2 Research Day Presentations)
- Dec 13: **J Marion Sims: His Work and His Legend**  
*Vanessa Northington Gamble, MD, PhD, Prof, Dept of Med Humanities & Amer Studies, Georgetown*
- Dec 20: **Evidence-Based Route of Hysterectomy**  
*Michael Fialkow, MD, Assoc Prof, Division of Urogynecology, Dept of Obstetrics & Gynecology, UW*
- Dec 27: No Grand Rounds (holiday)

## Education and Training

### RESIDENT & FELLOW RESEARCH DAY

#### September 2017 Senior Resident Research Presentations

- Sara J Pauk, MD:* Mode of Hysterectomy in the Veterans Administration: Associations with Race/Ethnicity and Clinical Factors
- Kavita Vinekar, MD:* Association Between Anesthesia Type and Blood Loss in Second Trimester Dilation and Evacuation Procedures
- Michelle A Eston, MD:* Stress Urinary Incontinence Surgery in Washington State Before and After Introduction of the Mesh Midurethral Slings
- Karin M Hayashida, MD:* Evaluation of Mid-Trimester Cervical Length among Women with a Short Interpregnancy Interval and No Prior History of Preterm Birth
- Sarah Hendrickson, MD, PhD:* Further Investigating the Association of Lymph Node Status and Prognosis in Endometrioid Adenocarcinoma of the Uterus
- Sarah H Humphrey, MD:* Single-Dose Cabergoline for Postpartum Lactation Suppression: Effect on Blood Pressure and Pulse
- Hayley W Hunt, MD:* Pro-Inflammatory Cytokines in Lean and Obese Women with Preeclampsia

#### September 2017 Fellow Research Presentations

- Alisa B Kachikis, MD:* Associated Factors and Characteristics of Congenital Syphilis Cases in Georgia
- Christie Walker, MD, MPH:* Ultrasound Detection of a Femur-Sparing Pattern of Abnormal Fetal Growth in Pregnant Women from New York City with Evidence of a Possible Zika Virus Infection
- Emily S Wu, MD:* The Impact of HIV Infection on Cervical Cancer Presentation and Survival in Uganda
- Lauren E Owens, MD, MPH:* Understanding and Meeting Family Planning Needs of Women Who Inject Drugs

### RESIDENT & FELLOW RESEARCH DAY

#### September 2016 Senior Resident Research Presentations

- Bonnie C Crouthamel, MD:* Determinants of Contraceptive Desire and Practices among Postpartum Kenyan Adolescents
- Kaitlyn A Wald, MD:* BRCA1 Mutation-Specific Responses to Platinum-Based and PARP Inhibitor Treatment
- Lauren E Stewart, MD:* Impact of Oophorectomy and Hormone Suppression in Low-Grade Endometrial Stromal Sarcoma: A Multicenter Review
- Nasim C Sobhani, MD:* Evaluating the Evaluation: A Randomized Trial of Smartphone-Based Evaluations for the Obstetrics and Gynecology Clerkship
- Stephen McCartney, MD, PhD:* Correlation Between Placental Pathology and Fetal Injury in a Unique Non-human Primate Model of Chorioamnionitis
- Tiffany A Chen, MD:* Surgical Staging for Mucinous Borderline Ovarian Tumors
- Tirza A Cannon, MD, MPH:* In-Depth Analysis of Participant-Clinician SMS Communication during the Mobile WACH (Mobile Solutions for Women's and Children's Health) Trial

#### September 2016 Fellow Research Presentations

- Timothy B Mitchell, MD:* Fetal Sepsis *in utero* Induces Disruption of Gene Networks Involved in Cardiac Morphogenesis in a Non-human Primate Model of Infection-Induced Preterm Labor
- Raj (Swati) Shree, MD:* Fetal Microchimerism by Mode of Delivery among Normal Term Pregnancies
- Jovana Y Martin, MD, MPH:* Racial Disparities in the Utilization of Preventive Health Service among Survivors of Early Stage Endometrial Cancer
- Elizabeth K Harrington, MD:* Evaluation of an mHealth Dialogue Strategy to Meet Women's and Couples' Postpartum Contraceptive Needs in Kenya (Mobile WACH XY): A Randomized Controlled Trial

## Education and Training

### RESIDENCY PROGRAM

#### What Our Graduates Are Doing

<b><i>2018 Graduates</i></b>	<b><i>Medical School</i></b>	<b><i>Career After Residency</i></b>
Eston, Michelle	Case Western University	Ob/Gyn specialist
Hayashida, Karin	University of Washington	Ob/Gyn specialist
Hendrickson, Sarah	University of Colorado	Ob/Gyn specialist
Humphrey, Sarah	University of Wisconsin	Ob/Gyn specialist
Hunt, Hayley	Loma Linda University	Ob/Gyn specialist
Pauk, Sara	Weill Cornell Medical Coll	Ob/Gyn specialist
Vinekar, Kavita	University of Michigan	Family Planning Fellowship (Univ of Pittsburgh)
<b><i>2017 Graduates</i></b>	<b><i>Medical School</i></b>	<b><i>Career After Residency</i></b>
Cannon, Tirza	Univ of California, Davis	Ob/Gyn specialist
Chen, Tiffany	Univ of Central Florida	Ob/Gyn specialist
Crouthamel, Bonnie	Albert Einstein College	Family Planning Fellowship (UC, San Diego)
McCartney, Stephen	Washington Univ, St Louis	MFM Fellowship (UW)
Sobhani, Nasim	Univ of Texas, Southwestern	MFM Fellowship (UC, San Francisco)
Stewart, Lauren	Weill Cornell Medical Coll	UroGyn Fellowship (Brown University)
Wald, Kaitlyn	University of Washington	REI Fellowship (UC, San Francisco)
<b><i>2016 Graduates</i></b>	<b><i>Medical School</i></b>	<b><i>Career After Residency</i></b>
Andersen, Melanie	Boston University	Ob/Gyn specialist
Fay, Emily	New Jersey Med School	MFM Fellowship (UW)
Ingalls, Carly	Univ of Washington	Ob/Gyn specialist Generations Ob/Gyn (Yakima)
McIlwain, Carrie	Tulane University	Gyn Onc Fellowship (Ann Arbor, MI)
Morse, Christopher	Univ of Pennsylvania	Gyn Onc Fellowship (UW)
Moruzzi, Audrey	Univ of Washington	Ob/Gyn specialist (Cedars Sinai, Los Angeles)
Stevens, Jordan	St Louis University	Ob/Gyn specialist (Ravenna Clinic)
<b><i>2015 Graduates</i></b>	<b><i>Medical School</i></b>	<b><i>Career After Residency</i></b>
Makhija, Neeta	Case Western Reserve	Pelvic/Minimally Invas Surg Fellowship (VM)
Masarie, Kaitlin	Oregon Hlth & Sci Univ	Ob/Gyn specialist (Vancouver Clinic, WA)
Nagella, Nithya	University of Florida	Ob/Gyn specialist (Tampa, FL)
Prabhu, Malavika	Stanford University	MFM Fellowship at Mass General (Boston, MA)
Prouse, Emily	Univ of NC, Chapel Hill	Ob/Gyn specialist (Denver, CO)
Torvie, Ana	Univ of Washington	Ob/Gyn specialist (NW Wmn's Hlthcare, Swedish)
<b><i>2014 Graduates</i></b>	<b><i>Medical School</i></b>	<b><i>Career After Residency</i></b>
Amarosa, Emily	Harvard Medical School	Ob/Gyn specialist (Portsmouth, NH)
Kopp, Dawn	George Washington Univ	Global Women's Health Fellowship (UNC)
Lucas, Jo�elle	University of Washington	Pelvic/Minimally Invas Surg Fellowship (VM)
Mitchell, Timothy	NY Medical College	MFM Fellowship (UW)
Panighetti, Anna	Univ of California, SF	Ob/Gyn specialist (Northwest Hospital)
Rouse, Caroline	Indiana University	MFM Fellowship (Brigham and Women's)

# 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 Jovana Y Martin, MD University of Alabama, Birmingham (*Res*), Case Western Reserve University (*MD*)
- F3 Emily Shuyi Wu, MD Johns Hopkins University (*Res*), University of Michigan (*MD*)
- F2 Christopher B Morse, MD University of Washington (*Res*), University of Pennsylvania (*MD*)
- F1 Soledad (Sol) Jorge, MD Columbia University (*Res*), Yale School of Medicine (*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 Med with time equally divided between clinical experience and research, in preparation for a productive career in either academic medicine or private perinatal practice.

- F3 Alisa B Kachikis, MD Emory University, Atlanta (*Res*), Univ of Texas, Galveston (*MD*)
- F3 Christie Walker, MD, MPH SUNY Upstate Medical Univ (*Res*), St George's Univ, Grenada, West Indies (*MD*)
- F2 Emily E Fay, MD University of Washington (*Res*), New Jersey Medical School (*MD*)
- F2 Jennifer Katz Eriksen, MD, MSPH Brigham & Women's Hospital (*Res*), Harvard Medical School (*MD*)
- F1 Stephen McCartney, MD, PhD University of Washington (*Res*), Washington Univ, St Louis (*MD/PhD*)
- F1 Laura Sienas, MD University of California, Davis (*Res*), Creighton University (*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  
Elizabeth Micks, MD, MPH, Assoc 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.

- F3 Elizabeth K Harrington, MD Oregon Health & Science Univ (*Res*), University of California, SF (*MD*)
- F2 Lauren E Owens, MD, MPH Johns Hopkins University (*Res*), Boston University School of Medicine (*MD*)
- F1 Rebecca Taub, MD Oregon Health & Science Univ (*Res*), University 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 40 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 in Seattle at UWMC, Swedish, Northwest Hospital and in Boise, ID.

#### ***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.

#### ***Family Planning***

Students will gain experience in a wide variety of gynecologic and family planning areas, including cervical cancer screening, evaluation of abnormal paps, office-based procedures, counseling on pregnancy options, contraception, management of miscarriage and abortion.

#### ***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 75% of their time to research. Areas of research focus encompass all areas of Ob/Gyn and its subspecialties, with the scope open for scholars and mentors to direct. Up to two scholars are funded at any given time.

#### Currently Funded Scholars:

- **Elizabeth A Micks, MD, MPH**, Family Planning (*January 2016 to present*)
  - Cervicovaginal Immune Response to Vaginally-Administered Hormonal Contraception
- **Suchitra Chandrasekaran, MD, MSCE**, Maternal-Fetal Medicine (*January 2016 to present*)
  - Pregnancy Outcomes in Obesity and the Role of Visceral Fat Distribution

#### Scholars Who Have 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 nine gynecologic oncologists in this division (six of whom are subspecialty certified and three who are active candidates) constitute the largest single group of gynecologic oncologists in the Pacific Northwest. Dr. Junn and Dr. Riley are currently providing gynecologic support for cancer patients at the Seattle Cancer Care Alliance (SCCA). In addition, four Gyn Onc Fellows are in training.

In April of 2016, the University of Washington Medical Center opened its new Gynecologic Oncology Clinic—**8SE Oncology**—in the Cascade Tower on the 8th floor. Our primary site of care is the University of Washington Medical Center (UWMC). All of our inpatient activity, surgery, outpatient clinic and infusion of chemotherapy is done at the main UWMC campus. Services that are provided at the SCCA include radiation oncology and infusion-related visits, the Breast and Ovarian Cancer Prevention Clinic, clinical trials, and gynecologic oncology survivorship and wellness visits.



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



**Kemi M Doll, MD, MSCR**  
Asst Prof, Gynecologic Oncology  
Columbia University (MD)  
Northwestern Memorial Hosp (Res)  
Univ of North Carolina (Gyn Onc)  
Univ of North Carolina (MS)



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



**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  
Univ of Washington (MD)  
Univ of Washington (Res)  
Univ of Washington (Gyn Onc)



**Kathryn P Pennington, MD**  
Assistant Professor, 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**  
Assoc Prof, Gynecologic Oncology  
Boston Univ School of Med (MD)  
Stanford University (Res)  
Stanford/UCSF (Gyn Onc)



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



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



**Christopher B Morse, MD**  
Second Year Fellow (Gyn Onc)  
Univ of Pennsylvania (MD)  
Univ of Washington (Res)



**Soledad (Sol) Jorge, MD**  
First Year Fellow (Gyn Onc)  
Yale School of Medicine (MD)  
Columbia University (Res)

## Patient Care & Clinical Services

### Division of GYNECOLOGIC ONCOLOGY *(continued)*



**Diana McFeters,**  
MSN, ARNP, FNP-BC  
Teaching Associate  
Montana St Univ, Northern (BSN)  
Seattle Pacific University  
(MSN-FNP Program)



**Mary Sienkiewicz, ARNP**  
Teaching Associate  
Seattle University (MSN-FNP)



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

Our team includes experts from gynecologic and surgical oncology, social work, nursing, nutrition, physical therapy, radiation oncology, chemotherapy, palliative medicine, and psychiatry and pain medicine, all working together to provide the best possible care for our patients.

#### Gynecologic Cancers and Pre-Invasive Disease

- Uterine
- Cervical
- Endometrial
- Vaginal
- Ovarian
- Tubal
- Vulvar
- Gestational trophoblastic disease

#### Treatment Options

- Chemotherapy
- Complex pelvic and abdominal surgery
- Fertility-sparing surgery
- Hormonal therapy
- Immunotherapy
- Breast and Ovarian Cancer Prevention Program for families at increased genetic risk
- New drugs/therapies available via clinical trials
- Oncofertility options
- Radiation therapy
- Robotically-assisted laparoscopic surgery
- Preventive vaccines
- Novel biologic agents

### Division of GYNECOLOGIC ONCOLOGY Clinical Sites

- **8SE Oncology Clinic (UWMC, Cascade Tower, 8th floor)**  
– Drs. Goff, Doll, Gray, Liao, Norquist, Pennington, Swisher, Tamimi, Urban, Gyn Onc Fellows, McFeters, Sienkiewicz, Silko
- **Seattle Cancer Care Alliance (SCCA), South Lake Union**  
– Drs. Goff, Gray, Liao, Pennington, Swisher, Gyn Onc Fellows, Silko
- **Valley Medical Center, Renton**  
– Drs. Goff, Gray, Pennington, Urban

Websites: <http://www.uwmedicine.org/locations/gynonc-uwmc> (UW Medicine web)

<http://depts.washington.edu/obgyn/patient-care/gynecologic-oncology.html> (Ob/Gyn web)

## 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 fourteen physicians—twelve 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, prenatal diagnosis and fetal therapy.

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



**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)



**Catherine Albright, MD, MS**  
Assistant Professor, MFM  
Columbia University (MD)  
Brown University (MS)  
Brown University (Res)  
Brown University (MFM)



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



**Suchitra Chandrasekaran, MD**  
Assistant Professor, MFM  
Northwestern University (MD)  
Ohio State University (Res)  
Univ of Southern California (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 Associate Prof, MFM  
Loyola Univ Stritch SOM (MD)  
Georgetown University (Res)  
Yale University (MFM)



**Gene T Lee, MD**  
Clinical Associate Prof, MFM  
Univ of Chicago Pritzker SOM (MD)  
Harbor-UCLA Med Ctr (Res)  
University of Colorado (MFM)



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



**Peter Napolitano, MD**  
Professor, MFM  
Loyola Univ Stritch SOM (MD)  
Wm Beaumont Army Med Ctr (Res)  
Madigan Army Med Ctr (MFM)



**Raj (Swati) Shree, MD**  
Assistant Professor, MFM  
St Louis University (MD)  
Univ of Pittsburgh Med Ctr (Res)  
Univ of Washington (MFM)



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

## Patient Care & Clinical Services

### Division of MATERNAL-FETAL MEDICINE (continued)



**Colleen Brown, MSN, ARNP  
WHNP-BC**  
Teaching Associate, MFM  
Villanova University (BSN)  
Univ of Pennsylvania (MSN)



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



**Darcy King, ARNP**  
Teaching Associate, MFM  
Duke University (BSN)  
Univ of Wash (MSN, Midwif)



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



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



**Emily E Fay, MD**  
Acting Instructor, MFM  
Second Year Fellow (MFM)  
New Jersey Med School (MD)  
Univ of Washington (Res)



**Jennifer Katz Eriksen, MD, MSPH**  
Acting Instructor, MFM  
Second Year Fellow (MFM)  
Harvard Medical School (MD)  
Brigham & Wmn's Hosp (Res)  
Harvard School Pub Hlth (MSPH)



**Stephen McCartney, MD, PhD**  
Acting Instructor, MFM  
First Year Fellow (MFM)  
Washington Univ, St Louis (MD/PhD)  
University of Washington (Res)



**Laura Sienas, MD**  
Acting Instructor, MFM  
First Year Fellow (MFM)  
Creighton University (MD)  
Univ of California, Davis (Res)

### Maternal-Fetal Medicine Services

- Obstetrics—high-risk and routine
- Fetal Medicine/Ultrasound
- Diabetes in Pregnancy Clinic
- Obstetrical Hypertension Consult Clinic
- Infectious disease in pregnancy, including HIV

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

- Prematurity Prevention Program and Multiple Gestation Clinic
- Prenatal Genetics and Fetal Therapy Service
- Antenatal fetal testing and triage
- Childbirth, parenting and breastfeeding classes

### Division of MATERNAL-FETAL MEDICINE Clinical Sites

- **Maternal and Infant Care Clinic (MICC)** (at University of Washington Medical Center)  
– Drs. Albright, Brown, Chandrasekaran, Cheng, Delaney, Easterling, Gravett, Harrington, Hitti, Ma, Shree, Stephenson-Famy; ARNPs Brown, Holing
- **Seattle Children's Prenatal Diagnosis and Treatment Clinic**  
– Drs. Cheng, Delaney, Ma
- **UW Medicine Maternal-Fetal Medicine Clinic, Arlington**  
– Drs. Albright, Brown, Chandrasekaran, Cheng, Delaney, Gravett, Hitti, Ma, Shree, Stephenson-Famy
- **UW Medicine Maternal-Fetal Medicine Clinic, Yakima**  
– Drs. Albright, Atkinson, Brown, Chandrasekaran, Cheng, Delaney, Easterling, Hitti, Ma, Napolitano, Shree, Stephenson-Famy
- **UW Medicine Maternal-Fetal Medicine Clinic, Valley Medical Center, Renton**  
– Drs. Hwang and Lee; ARNP King

# 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**  
*Professor, Women's Health  
Mayo Medical School (MD)  
University of Washington (Res)*



**Melanie Andersen, MD**  
*Acting Asst Prof, Wmn's Hlth  
Boston 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)*



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



**Joëlle Lucas, MD**  
*Clin Asst Prof, Wmn's Hlth (VA)  
University of Washington (MD)  
University of Washington (Res)*



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



**Sue Lee Moreni, MD**  
*Clin Assoc Prof, Wmn's Hlth  
Service Line Chief, UWNC  
Columbia University (MD)  
University of Washington (Res)*



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



**Anna R Shope, MD**  
*Clin Assoc Prof, Wmn's Hlth  
University of Washington (MD)  
University of Washington (Res)*



**Jordan K Stevens, MD**  
*Acting Asst Prof, Wmn's Hlth  
St Louis University (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 (*Adams Waldorf, Andersen, Debiec, Junn, Lucas, Mendiratta, Moreni, Prager, Riley, Shope, Stevens*)
- Gyn-only practice (*Drs. Chiang, Eschenbach*)
- Vulvovaginitis Clinic (*Dr. Eschenbach*)
- Dysplasia Clinic (*Dr. Chiang*)
- Adolescent Gyn Clinic (*Dr. Debiec*)
- Family Planning Clinic (*Drs. Prager, Micks, Benson, Harrington, Owens, Taub*)
- Reproductive & Gynecologic Transitions Clinic (*Dr. Debiec*)
- Minimally invasive surgery, including robotics (*Drs. Chiang and Riley*)
- Office hysteroscopy and Essure

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

#### • SCCA, South Lake Union—Gynecologic support for cancer patients (*Drs. Junn and Riley*)

#### • UW Neighborhood Clinics

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

Shoreline (*Drs. Shope and Andersen*)

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

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### Division of WOMEN'S HEALTH CARE, Seattle Childrens' Clinical Sites

#### • Seattle Children's Pediatric & Adolescent Gynecology Clinic (*Drs. Amies Oelschlager, Debiec*)

— at Seattle Children's, Seattle, 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/>



**Anne-Marie Amies Oelschlager, MD**  
Professor, Women's Health  
Service Line Chief,  
Peds/Adolescent Gyn, SCH  
Vanderbilt University (MD)  
University of Washington (Res)



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

#### Conditions We Treat

- Congenital anomalies of the reproductive system
- Differences of sex development
- Precocious and delayed puberty
- Menstrual and contraceptive management for children and teens with oncologic and hematologic conditions
- Premature ovarian insufficiency
- Ovarian cysts and tumors
- Contraceptive and medical management for teens with complex medical conditions and developmental disabilities
- Sexually transmitted infections
- Androgen disorders, including polycystic ovarian syndrome and congenital adrenal hyperplasia
- Vulvovaginitis
- Endometriosis
- Transgender medicine

## 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)



**Alson K Burke, MD**  
Assistant Professor, 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)



**Esther Fuchs, MD**  
Assistant Professor, Wmn's Hlth  
Univ of Berne, Switzerland (MD)  
Univ of Med/Dentistry, NJ (Res)



**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 Assoc 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)

- **UW Neighborhood Clinic**  
Factoria (Drs. Burke, Irwin, Fuchs)

### Harborview Women's Clinic Services

#### General Gynecology

- Abnormal bleeding
- Breast concerns
- Family planning and contraception
- Fibroids, endometriosis, ovarian cysts
- Incontinence
- Menopause
- Pelvic relaxation
- Screening for anxiety and depression
- Sexual dysfunction
- Sexually transmitted infections
- Transgender options
- Vaginitis and vaginal discharge

#### General Obstetrics

- Preconceptual counseling
- Pregnancy and postpartum care
- Childbirth and parenting classes
- Breastfeeding classes
- Labor & Delivery tours

#### Dysplasia

- Evaluation of abnormal pap smears
- Colposcopy and LEEP procedures
- HPV testing and vaccination

#### Refugee and Immigrant Care

- Spanish-speaking providers
- Post-traumatic stress
- Evaluation of female circumcision revision

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

## 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**  
*Professor, Women's Health (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, MPH**  
*Asst Professor, Wmn's Hlth (VA)*  
*Harvard Medical School (MD)*  
*Univ of CA, San Francisco (Res)*  
*Univ of Wash (MPH, Hlth Srvc)*



**Joëlle Lucas, MD**  
*Clin Asst Prof, Wmn's Hlth (VA)*  
*University of Washington (MD)*  
*University of Washington (Res)*  
*Virginia Mason (Pelvic Surgery)*

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### VA Puget Sound Gynecology, Seattle and American Lake Campuses

[http://www2.va.gov/directory/guide/region\\_flash.asp?map=0&ID=20](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

## Patient Care & Clinical Services

### Division of REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY (REI)

Our providers are board certified and specialize in comprehensive care of men and women seeking to achieve their family planning goals. Our expert clinical team treats patients with mullerian anomalies, endometriosis, menopausal symptoms, PCOS, premature ovarian insufficiency, and menstrual cycle irregularities. In collaboration with the SCCA and Fred Hutch, we are uniquely positioned to provide multidisciplinary fertility preservation care for patients with cancer and patients with complex endocrinopathies. Our providers have expertise in advanced fertility-sparing surgery, intrauterine inseminations and all aspects of assisted reproductive technology. Our facility has a state-of-the-art IVF laboratory offering embryo and oocyte freezing, intracytoplasmic sperm injection and preimplantation genetic testing. Our expert providers work with patients and their families to develop a personalized medical plan to optimize their fertility and reproductive healthcare.



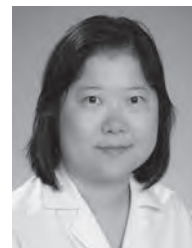
**Genevieve Neal-Perry, MD, PhD**  
Professor & Division Director, REI  
Robt Wood Johnson/Rutgers (MD/PhD)  
Beth Israel Med Ctr (Res)  
Albert Einstein Coll of Med (REI)



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



**Christopher N Herndon, MD**  
Assistant Professor, REI  
Yale University SOM (MD)  
Brigham & Wmns / Mass General  
Harvard Medical School (Res)  
Univ of CA, San Francisco (REI)



**Bo Yu, MD, MS**  
Assistant Professor, REI  
Clemson University (MS)  
University of Michigan (MD)  
NY Presbyterian Hospital/  
Columbia Univ (Res)  
NICHD Clinical Fellow (REI)



**Emalee Danforth, ARNP**  
Teaching Associate, REI  
Univ of Washington (MSN)



**Andrew Dorfmann, MS**  
Director, Embryology Lab  
ELD (ABB)  
Geo. Washington Univ (MS)



**Michael Britt, BS**  
Manager, Embryology Lab  
Embryologist  
Virginia Tech (BS)



**Eliza Curnow, PhD, MSc**  
Embryologist  
Monash Univ, Australia (MSc)  
Univ of Sydney, Australia (PhD)

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

Website: [uwmedicine.org/uwfertility](http://uwmedicine.org/uwfertility)

#### FEMALE Reproductive Services

- Fertility assessment
- Ovulation induction
- Inseminations (partner or donor)
- Donor egg
- Preimplantation genetic screening and diagnosis
- Recurrent pregnancy loss
- Reproductive endocrine disorders
- Elective & chemotherapy-related fertility preservation

#### MALE Reproductive Services

- Coordinated care with onsite male fertility specialist
- Evaluation of abnormal semen parameters
- Onsite semen sample processing, cryopreservation and storage

## Patient Care & Clinical Services

### Division of REPRODUCTIVE ENDOCRINOLOGY & INFERTILITY *(continued)*

#### Reproductive Health Care Options

- Assisted Reproductive Technologies (ART)
- Intrauterine insemination with ovulation induction
- Minimally invasive diagnostic and fertility-restoring surgery (hysteroscopy, laparoscopy)
- Fertility preservation (eggs, sperm, embryos) for patients with cancer, autoimmune disorders, those on fertility-altering meds, patients without partners, those desiring delayed childbearing and transgendered patients
- Medical management of endocrine disorders, such as, but not limited to, PCOS, endometriosis, menopause, thyroid dysfunction and congenital adrenal hyperplasia

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### 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 do ≥300 surgeries/year. All three MDs were named as “best doctors” in Seattle Met magazine for 2017.



**Gretchen M Lentz, MD,  
FPMRS**

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



**Michael F Fialkow, MD, MPH,  
FPMRS**

*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, MAS  
FPMRS**

*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  
Program Director, Family  
Planning Fellowship  
University of Texas (MD)  
University of Vermont (Res)*



**Lyndsey S Benson, MD, MS**  
*Acting Assistant Professor  
Case Western Reserve Univ (MD)  
Univ of Chicago (Res)  
Univ of Washington (Fam Plan)*



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



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



**Lauren E Owens, MD, MPH**  
*Second Year Fellow (Fam Planning)  
Boston Univ School of Med (MD)  
Univ of Minnesota (MPH)  
Johns Hopkins Hospital (Res)*



**Rebecca Taub, MD**  
*First Year Fellow (Fam Planning)  
Univ of CA, San Francisco (MD)  
OR Health & Science Univ (Res)*

- 
- 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

**Family Planning Clinic** (at Women's Health Care Center, Roosevelt)  
(Drs. Prager, Benson, Micks, Harrington, Owens and Taub)

**Maternal and Infant Care Clinic**—General Ob/Gyn and Family Planning  
(Drs. Benson, Owens and Taub)

**Harborview's Women's Clinic** (Dr. Harrington)

**Hall Health** (Drs. Micks and Benson)

**Cedar River Clinic** (Renton) <http://www.cedarriverclinics.org>  
(Drs. Prager, Benson, Micks, Harrington, Owens and Taub)



# 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

## ENDOMETRIOSIS AND ADENOMYOSIS

### *US Study of Endometriosis and Adenomyosis: Case-finding, Incidence and Patterns of Care in a Population-based Cohort*

Susan D Reed, MD, MPH, Co-Investigator (PI: Delia Scholes, PhD)

Funding Source: Bayer Pharmaceutical

End Date: 12-31-17

## 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/NHLBI

End Date: 6-30-19

## FAMILY PLANNING

### *Training, Education and Advocacy in Miscarriage Management (TEAMM)*

Sarah W Prager, MD, MAS, Principal Investigator

Funding Source: Washington State Department of Health

End Date: 6-30-18

### *Training, Education & Advocacy in Miscarriage Management (TEAMM)*

Sarah W Prager, MD, MAS, Principal Investigator

Funding Source: Anonymous

End Date: 6-30-18

### *Exploring Best Practices and Evaluating Outcomes in Community-Based Abortion Care Outside the Formal Health Care System in the United States*

Sarah W Prager, MD, MAS, Principal Investigator

Funding Source: Society of Family Planning

End Date: 6-30-19

### *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: 12-31-17

## Research

### **FAMILY PLANNING** *(continued)*

#### ***Strategies for Engaging and Empowering Adolescents in Reproductive Health (SEMA)***

*Elizabeth K Harrington, MD, Principal Investigator; Kenneth Ngunjiri, MD, Site PI;*

*Jennifer A Unger, MD, MPH, Co-Investigator*

*Funding Source: Anonymous*

*End Date: 6-30-18*

#### ***Career Development Award: Reproductive Planning for Women Veterans***

*Lisa S Callegari, MD, MPH, Principal Investigator*

*Funding Source: Veterans Administration (VA), Health Services Research & Development (HSR&D) CDA 14-412*

*End Date: 10-1-20*

#### ***Multicenter Validation Study of Uterine Perforation and Breast Feeding at Time of Intrauterine Device Placement***

*Susan D Reed, MD, MPH, Co-Investigator (PI: Delia Scholes, PhD)*

*Funding Source: Bayer Pharmaceutical*

*End Date: 3-14-18*

### **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/NICHHD)*

*End Date: 5-1-19*

#### ***Mobile WACH NEO: Communication Empowering Mothers and Newborns***

*Jennifer A Unger, MD, MPH, Principal Investigator*

*Funding Source: USAID*

*End Date: 6-30-18*

#### ***Treatment of Preeclampsia in Low Resource Settings: A Comparison of Three Oral Antihypertensive Regimens (Gynuity Health Projects)***

*Thomas R Easterling, MD, Principal Investigator, Sub-Grant—Role: Investigator/trial design and implementation*

*(PI: Peter von Dadelszen, MD)*

*Funding Source: Bill & Melinda Gates Foundation (PRE-EMPT)*

*Study Site: Nagpur, India*

#### ***A Randomized Trial Comparing Treatment of Severe Preeclampsia with a Magnesium Sulfate Regimen Administered with the Springfusor Infusion Pump to a Standard Intravenous (IV) Regimen (Gynuity Health Projects)***

*Thomas R Easterling, MD, Principal Investigator*

*Funding Source: MERCK for Mothers*

*Study Site: Cairo and Alexandria, Egypt*

#### ***Ecology of Eclampsia: Study of Structural, Neurocognitive and Sociodemographic Determinants***

*Thomas R Easterling, MD, Investigator and Senior Mentor (PI: Shuchita Mundle, MD)*

*Funding Source: Preeclampsia Foundation—Partners in Progress*

*Study Site: Nagpur, India*

# Research

## GLOBAL HEALTH *(continued)*

### ***Reducing Preeclampsia Morbidity and Mortality in Resource-Limited Settings through the Urine Congo Red Dot Test (Gynuity Health Projects)***

Thomas R Easterling, MD, Investigator (PI: Irina Buhimschi, MD)

Funding Source: USAID

Study Site: Bangladesh and Mexico

### ***Induction of Labor in Preeclamptic Women: A Randomized Trial Comparing the Foley Balloon Catheter with Oral Misoprostol (sample size: 602 pregnant women with preeclampsia)***

Thomas R Easterling, MD, Investigator (PI: Andrew Weeks, MD)

Funding Source: Medical Research Council (MRC), UK

Study Site: Government Medical College and Daga Women's Hospital, Nagpur, India

## 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: 6-30-18

### ***Mutator Phenotypes that Better Predict PARP Inhibitor Response in Ovarian Carcinomas***

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Department of Defense

End Date: 2-28-20

### ***Real-Time Assessment of Homologous Recombination Deficiency during Ovarian Cancer Treatment***

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Department of Defense

End Date: 2-28-20

### ***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: 2-28-18

### ***BROCA-HR Randomized Phase II Study of 2nd Line FOLFIRI vs Modified FOLFIRI with PARP Inhibitor ABT-888 (Veliparib) (NSC-737664) in Metastatic Pancreatic Cancer***

Elizabeth M Swisher, MD, Co-Investigator (PI: Charles D Blanke, MD)

Funding Source: Oregon Health and Science University/NCI

End Date: 2-28-19

## Research

### **GYNECOLOGIC CANCERS** (continued)

***BROCA-HR for Randomized Phase III Study Comparing Single-agent Olaparib or the Combination of Cediranib and Olaparib to Standard Platinum-based Chemotherapy in Women with Recurrent Platinum-sensitive Ovarian, Fallopian Tube or Primary Peritoneal Cancer***

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: The Gynecologic Oncology Group (GOG)

End Date: 1-31-19

***BROCA-HR Sequencing for a Randomized Phase II/III Study of the Combination of Cediranib and Olaparib Compared to Cediranib or Olaparib Alone or Standard of Care Chemotherapy in Women with Recurrent, Platinum-Resistant or -Refractory Ovarian, Fallopian Tube, or Primary Peritoneal Cancer (COCOS)***

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: The Gynecologic Oncology Group (GOG)

End Date: 1-31-19

***BROCA-HR for Phase II Randomized Placebo-Controlled Trial of Cisplatin with or without ABT-888 (Veliparib) in Metastatic Triple-Negative Breast Cancer and/or BRCA Mutation-Associated Breast Cancer***

Elizabeth M Swisher, MD, Principal Investigator

Funding Source: Southwest Oncology Group S1416

End Date: 5-31-18

***BROCA-HR Sequencing for Cediranib/Olaparib CTEP Clinical Development Program***

Elizabeth M Swisher, MD, Principal Investigator (designated CTEP Core Lab)

Funding Source: NIH/NCI/CTEP

End Date: 12-31-22

***Genomic Analysis of Inherited Breast and Ovarian Cancer***

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

Funding Source: NIH/NCI

End Date: 7-30-22

***BRCA-Related Cancer: Risk Assessment, Genetic Counseling and Genetic Testing***

Elizabeth M Swisher, MD, Co-Investigator (PI: Beth Devine, PhD, PharmD, MBA)

Funding Source: US Preventive Services Taskforce

End Date: 6-30-18

***Identification of Subtype-specific Therapeutics Targets in Ovarian Cancer through High-Throughput Small Interference RNA (siRNA) Screens with Characterized Patient-delivered Tumor Cells***

Elizabeth M Swisher, Co-Investigator (PI: Christopher Kemp, PhD)

Funding Source: STTR Precision Medicine Grant

End Date: 6-30-18

***Characterization of TP53 Mutations in BRCA Carcinogenesis***

Elizabeth M Swisher, MD, Co-Investigator (PI: Rosana Risques, PhD)

Funding Source: Marsha Rivkin Center for Ovarian Cancer Research

End Date: 3-31-18

## Research

### **GYNECOLOGIC CANCERS** (continued)

#### ***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

#### ***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-PI with Toshiyasu Taniguchi, MD, PhD

Funding Source: V Foundation Translational Research

End Date: 10-31-17

#### ***GARNET, TSR-042 Phase 1/2 Clinical Trial***

Elizabeth M Swisher, MD, Local Principal Investigator

Funding Source: Tesaro, Inc.

End Date: 6-12-17 to present

#### ***ARIEL 2: 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

#### ***ARIEL 3: 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

#### ***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

#### ***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: 6-30-18

### **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 8)***

*Jane E Hitti, MD, MPH, Principal Investigator*

*Funding Source:* Seattle Children's Hospital/Research

*End Date:* Ongoing

### ***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:* Ongoing

### ***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

### ***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

### ***Role of Proviral Loci in HIV Latency***

*Florian Hladik, MD, PhD, Co-Investigator (Co-PIs: J Mullins and P Edlefsen)*

*Funding Source:* NIH

*End Date:* 7-31-20

### ***Quantifying the Impact of Genital Mucosal Inflammation on HIV-1 Acquisition Risk***

*Florian Hladik, MD, PhD, Co-Investigator (PI: J Lingappa)*

*Funding Source:* NIH/NIAID

*End Date:* 2-28-18

# Research

## HIV CURE

### *Targeted Nanocarriers to Accelerate Depletion of the HIV Reservoir*

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

Funding Source: AmfAR

End Date: 1-31-21

### *Anti-Proliferative Therapy for Eradication of the HIV Reservoir*

Florian Hladik, MD, PhD, and Schiffer, Co-PIs

Funding Source: AmfAR

End Date: 6-30-19

## HUMAN PAPILLOMAVIRUS (HPV)

### *VIVA Trial: Therapeutic Use of HPV L1 Vaccine in Anogenital Neoplasia*

Constance Mao, MD, Co-Investigator (Co-PIs: Madeleine & Wald)

Funding Source: NIH

End Date: November 2021

## 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

## MATERNAL-FETAL EXCHANGE & PLACENTAL HEALTH

### *Placentomics Using a Novel Method to Isolate Circulating Placental Derivatives*

Hilary S Gammill, MD/Pat Stayton, PhD/Daniel Chiu, PhD, Principal Investigators

Co-Investigators: Hladik, Vojtech, Cheng, Gravett, Shendure, Witten

Funding Source: NICHD/Human Placenta Project

End Date: 8-31-21

### *Aneuploid Fetal Microchimerism: Persistence and Potential Function*

Hilary S Gammill, MD, Principal Investigator; Co-Investigators: Cheng, Nelson

Funding Source: NICHD

End Date: 7-31-18

## MENOPAUSE

### *MsFLASH—Living a Healthy Menopause*

Susan D Reed, MD, MPH, Principal Investigator

Funding Source: National Institutes of Health's National Institute on Aging (NIA)

End Date: 3-31-20

## Research

### **MENOPAUSE** *(continued)*

#### ***MsFLASH—Racial Differences in Postmenopausal Vaginal Microbiome***

*Susan D Reed, MD, MPH, Principal Investigator*

*Funding Source:* Office Research in Women's Health

*End Date:* 3-31-20

### **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

#### ***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

### **OBSTETRIC QUALITY OUTCOMES**

#### ***N21138 NWPRN 2017***

*Jane E Hitti, MD, MPH, Principal Investigator*

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

*End Date:* Ongoing

### **PHARMACOKINETICS**

#### ***Mechanisms of Drug Disposition During Pregnancy***

*Alyssa Stephenson-Famy, MD, Investigator (PI: Jashvant D Unadkat, PhD)*

*Funding Source:* National Institutes of Health (NIH)

*End Date:* 5-31-18

### **PREGNANCY INFECTIONS, FETAL INJURY & PRETERM BIRTH**

#### ***Role of Hyaluronidase in GBS Virulence***

*Kristina Adams Waldorf, MD and Lakshmi Rajagopal, PhD, Co-Principal Investigators*

*Funding Source:* NIH/NIAID

*End Date:* June 2022



## Research

### **PREGNANCY INFECTIONS, FETAL INJURY & PRETERM BIRTH** *(continued)*

#### ***Evaluation of Novel Vaccines that Prevent Zika Infection***

*Kristina Adams Waldorf, MD, Co-Investigator (PI: Barber)*

*Funding Source:* Florida Department of Health

*End Date:* June 2022

#### ***Targeting Leukocyte Activation to Prevent Preterm Labor***

*Kristina M Adams Waldorf, MD, Investigator (PI: Stephen Lye, PhD, University of Toronto)*

*Funding Source:* Burroughs-Wellcome Fund

*End Date:* 5-30-18

#### ***Modifying Uterine Contractility during Pregnancy: Liposomes Targeted to the Myometrium***

*Kristina M Adams Waldorf, MD, Co-Investigator on Subaward (Co-PIs: Smith and Hua)*

*Funding Source:* Australian Government NHMRC

*End Date:* December 2019

#### ***Environmental Signals Regulating GBS Virulence***

*Kristina M Adams Waldorf, MD, Co-Investigator (PI: Lakshmi Rajagopal, PhD)*

*Funding Source:* NIH/NIAID

*End Date:* 11-30-18

#### ***Novel Preterm Birth Antagonists***

*Kristina M Adams Waldorf, MD, Principal Investigator*

*Funding Source:* March of Dimes

*End Date:* May 2019

#### ***Novel Receptor Antagonists for Delaying Preterm Birth, Prolonging Gestation and Improving Fetal Outcomes in the Non-human Primate***

*Kristina M Adams Waldorf, MD, Principal Investigator*

*Funding Source:* March of Dimes

*End Date:* May 2019

### **TRAINING GRANT**

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

*Susan D Reed, MD, MPH, Co-Investigator (PI: Catherine Booth-LaForce, PhD)*

*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:* 5-31-18

# Research

## **ZIKA VIRUS**

### ***Sexual Transmission of Zika Virus in Humans***

*Lucia Vojtech, PhD, Principal Investigator, and Florian Hladik, MD, PhD, Co-Investigator*

*Funding Source:* NIH / NIAID

*End Date:* 11-30-18

### ***Impact of HSV-2 Infection on Zika Virus Transmission and Pathogenesis***

*Lucia Vojtech, PhD, Principal Investigator*

*Funding Source:* UW Sexually Transmitted Infections Cooperative Research Council Development Award

*End Date:* 12-1-18



UW Medicine

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DEPARTMENT OF OBSTETRICS  
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