Welcome to Columbia University Department of Obstetrics and Gynecology! The Obstetrics and Gynecology residency program at Sloane Hospital for Women at NewYork-Presbyterian Hospital/Columbia University Irving Medical Center is an exciting, fast-paced program which provides trainees with a wealth of clinical experience and exposure to all facets of our wide-ranging and rewarding specialty.

Our residency program is filled with bright, energetic physicians who are not only stellar clinicians, but are also extremely well-versed in the literature of our field. During the course of their training, our house officers gain experience in managing virtually all of the problems that could confront a practitioner in our discipline.

Our department is home to one of the largest and most respected faculties of any department in the nation. Within the Morgan Stanley Children’s Hospital we have facilities like the Center for Prenatal Pediatrics and the Mothers Center, along with a state-of-the-art labor and delivery floor and Level III NICU that is second to none.

We also have the privilege of being surrounded by extraordinarily talented colleagues in every specialty at the Vagelos College of Physicians and Surgeons and NewYork-Presbyterian Hospital, which allows us to offer world-class, comprehensive care to virtually any patient admitted to our service.

We care for a broad range of public and privately insured patients from around the world as well as those from the surrounding population of Washington Heights. We are located in one of the largest, most diverse cities in the world and serve a patient population that presents us with genetic, medical, and surgical challenges of incredible complexity on a daily basis. We proudly serve our community and enjoy completing our training in the greatest city on the planet.

The training program at Columbia University Vagelos College of Physician and Surgeons is a rigorous but rewarding endeavor, which culminates with the graduation of physicians who have superb clinical skills and the academic foundation to prepare them for any fellowship or practice opportunity at the completion of their training.

We invite you to come and meet with us. We are proud of who we are and what we do, and we are always looking for more bright and talented people to join our team!

Mary E. D’Alton, MD
Chair, Department of Obstetrics & Gynecology at Columbia University Irving Medical Center

A Message from the Chair
Fast Facts About Our Department

- Ranked #10 in U.S. News and World Report for women’s health program at top medical schools. NewYork-Presbyterian Hospital is ranked #1 in the State of New York, and #8 in the nation by U.S. News

- Ranked #1 in New York State by Doximity's Residency Navigator, and #11 in the nation

- Received more than 800 applications for the Class of 2022 for six residency openings

- 16 resident publications out of 243 total peer-reviewed publications in 2018

- 16 Best Doctors in national and regional rankings

- 96 full-time faculty

- 174,219 patient visits in 2018

- 6,508 deliveries in 2016

- 1,973 gynecologic surgeries in 2018

- Performed the first laser photocoagulation surgery to treat twin-to-twin transfusion syndrome

- 80 active funded research projects

- Ranked #12 in National Institutes of Health funding

Residency Duration

The Obstetrics and Gynecology residency program is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME) for six residents per year in the four-year program.

Prerequisite Training and Selection Criteria

Our selection criteria are consistent with the ACGME General Requirements and Columbia University Irving Medical Center’s Equal Employment Opportunity and Hiring Guidelines. Columbia University residency programs do not discriminate with regard to race, color, religion, national origin, handicap, veteran status, sexual orientation or preference, sex, or age.
The residency program is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME). House officers hold academic appointments as Postdoctoral Residency Fellows of Columbia University Vagelos College of Physicians & Surgeons. As an important part of their learning experience, residents are expected to teach, supervise, and evaluate medical students on all services.

Our program benefits from being affiliated with both an Ivy League institution and a world renowned hospital. All of our clinical services are based at NewYork-Presbyterian Hospital, one of the most comprehensive university hospitals in the world, with leading specialists in every field of medicine. With our dedicated staff, modern facilities, state-of-the-art technology, commitment to quality care, and our role in educating future physicians, NewYork-Presbyterian/Columbia University Irving Medical Center has earned a reputation as a world class teaching hospital.
Maternal-Fetal Medicine
Division Chief: Lynn Simpson, MD
Columbia’s Maternal-Fetal Medicine specialists are leaders in caring for expectant mothers with high-risk health conditions, fetal abnormalities, or obstetric complications. The division contains multiple centers dedicated to high-risk obstetrics, including the Center for Prenatal Pediatrics, the Mothers Center, and the Preterm Birth Prevention Center. Faculty train residents to manage high-risk pregnancies within a supervised environment.

General Obstetrics & Gynecology
Division Chief: Katarina Eisinger, MD
General Ob/Gyn offers patients comprehensive obstetric and gynecologic care, including a wide range of consultation and treatment options, from routine well-woman care to the most advanced diagnosis and treatment of obstetrical and gynecologic problems for women of all ages. Our physicians deliver approximately 4,800 babies each year, and offer every available diagnostic and therapeutic option for both mothers and babies.

Gynecologic Oncology
Division Chief: Jason Wright, MD
The division of Gynecologic Oncology participates in nationally-recognized, interdisciplinary programs supported by the Herbert Irving Comprehensive Cancer Center to advance research and training to discover the best approaches for cancer prevention, diagnosis, and treatment. Research includes ovarian cancer, chemotherapy resistance, clinical trials for gynecologic cancers and HPV, and investigating the development of cervical dysplasia.

Gynecologic Specialty Surgery
Division Chief: Arnold P. Advincula, MD
Our GSS division offers comprehensive gynecologic surgical care for women of all ages. Our surgeons employ the latest technologies to treat various female reproductive tract disorders and strive to take the least invasive approach to surgery whenever possible, regularly using laparoscopic and robotic techniques to minimize patients’ recovery times.

Reproductive Endocrinology and Infertility
Division Chief: S. Zev Williams, MD, PhD
The division of Reproductive Endocrinology & Infertility at Columbia contains one of the oldest, largest, and most successful fertility programs in the US. Led by international pioneers in reproductive medicine, our fertility team focuses both on cutting-edge innovation and patient experience. Our physicians have successfully treated many patients who were turned away by other fertility centers. We also offer programs for those with specific complications, such as cancer and HIV.

Family Planning and Preventative Services
Division Chief: Carolyn Westhoff, MD
Columbia’s specialists in Family Planning bring expertise in assisting women with chronic and complex health conditions to make informed choices about contraceptive options. Our faculty members are involved in the development of novel contraceptive options and work to increase access to contraception and women’s health services. The division trains residents to perform minimally-invasive surgical procedures and conduct clinical research.
APPLICATION, INTERVIEW, AND BENEFITS

We will be accepting applications via the Electronic Residency Application Service (ERAS) through November 1, 2018. All Applications MUST be complete for an applicant to be considered for our program. This includes the following:

- A completed AAMC-NRMP application for residency
- An official copy of your USMLE scores
- An official medical school transcript
- A minimum of three recommendations from faculty members familiar with your performance
- Dean’s Letter

A carefully selected pool of applicants will be offered interviews on campus. Invitations to interview will be offered in mid-October, and interviews will be held on the following dates:

- Thursday, November 15, 2018
- Thursday, November 29, 2018
- Thursday, December 6, 2018
- Thursday, December 13, 2018

Sample Interview Day

7:00am  Coat Check and Materials Distribution  Breakfast
7:15am  Meet the Program Directors
7:30am  Morbidity & Mortality Conference Grand Rounds
9:00am  Program Overview
10:00am Faculty Interview #1
10:30am Faculty Interview #2
11:00am Resident Interview
11:20am Program Director Interview
12:00pm Lunch at Faculty Club
1:00pm  Hospital Tours
2:00pm  Departure

Salary and Benfits

Salary stipend for the 2018-2019 academic year is as follows:

<table>
<thead>
<tr>
<th>Resident Level</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGY-1</td>
<td>$71,349</td>
</tr>
<tr>
<td>PGY-2</td>
<td>$74,804</td>
</tr>
<tr>
<td>PGY-3</td>
<td>$80,935</td>
</tr>
<tr>
<td>PGY-4</td>
<td>$83,210</td>
</tr>
<tr>
<td>PGY-5</td>
<td>$86,036</td>
</tr>
<tr>
<td>PGY-6</td>
<td>$87,582</td>
</tr>
<tr>
<td>PGY-7</td>
<td>$90,218</td>
</tr>
</tbody>
</table>

A meal card is provided for on-call meal expenses.

Cost of Living Stipend

Residents receive a $3,000 cost of living stipend from our Graduate Medical Education office that is divided into two payments; one in the fall and one in the spring.

Vacation

Residents receive four weeks of vacation each year, which are generally taken one week at a time.

Educational Benefits

Each resident is sponsored to attend one national conference during the course of their training.

Medical Benefits

Residents participate in New York Presbyterian Hospital’s Flexibility Benefits Program. The program allows residents to choose from a variety of benefit plans covering healthcare, dental care, life insurance, and disability protection to customize their personal benefits. Professional liability coverage is provided by the hospital. Additional information about salaries and a copy of the Housestaff Agreement for New York-Presbyterian Hospital can be found on the GME website.
MEET OUR RESIDENTS

PGY-1

Clara Bertozzi-Villa
Anne Knisely
Nicole Krenitsky
Elizabeth Ludwig
Vanessa Nieto
Alexis Panzer

PGY-2

Nigel Madden
Aaron Praiss
Tiffany Sia
Emily Spurlin
Conrad Stern-Ascher
Sbaa Syeda

PGY-3

Eve Overton
Sierra Seaman
Jessica Selter
Claire Tobias
Sally Vitez
Timothy Wen

PGY-4

Noelle Breslin
Stephanie Cham
Rosa Cui
Lisa Gabor
Adina Goldberger
Olivia Myrick
CLINICAL CURRICULUM

First Year Clinical Rotations
The rotational assignments in the PGY-1 year are designed to develop a strong foundation in the fundamental concepts of obstetrics and gynecology. Residents receive training in basic ultrasound techniques by spending time in our state-of-the-art obstetrics and gynecology ultrasound units during the REI/Ultrasound block. A rotation in primary and preventive ambulatory care provides residents with a firm clinical base on which to build their skills in patient care.

- Obstetrics
- Benign Gynecology
- Gynecologic Oncology
- Family Planning
- REI/Ultrasound
- Primary and Preventive Ambulatory Care
- NewYork-Presbyterian Allen Hospital
- Night float

Second Year Clinical Rotations
Residents in the PGY-2 year are given increased clinical responsibilities and exercise a greater role in the management of patients on all services. Residents are able to solidify their understanding of the basic concepts in obstetrics and gynecology and participate in more advanced procedures.

- Obstetrics
- Benign Gynecology
- Gynecologic Oncology
- Family Planning
- REI/Ultrasound
- Maternal Fetal Medicine
- Night float

Third Year Clinical Rotations
The PGY-3 year affords residents the opportunity to concentrate on their mastery of surgical skills and the development of comprehensive management practices. Residents learn to serve as consultants to other specialties on the Ob/Gyn consult and clinic rotation and work closely with our MFM fellows and faculty in the care of antepartum patients with complex obstetrical problems. Third year residents also have an elective rotation, which they may use to pursue specialized clinical training or research, either in-house or at an outside institution.

- Minimally Invasive Gynecologic Surgery
- Obstetrics
- Benign Gynecology
- Maternal Fetal Medicine
- Ob/Gyn Consult and Clinic
- REI/Ultrasound
- Urogynecology/Pediatric and Adolescent Gynecology
- Elective
- Night float

Fourth Year Clinical Rotations
During the PGY-4 year, chief residents assume the responsibility of managing each service as they prepare to become independent practitioners. An integral part of their role is to supervise and teach junior residents and medical students. Chiefs also continue to expand their surgical repertoire as they complete advanced training in the gynecologic subspecialties, including oncology, reproductive endocrinology and infertility, urogynecology, and reconstructive pelvic surgery.

- Minimally Invasive Gynecologic Surgery
- Obstetrics
- Benign Gynecology
- Gynecologic Oncology
- REI/Ultrasound
- Urogynecology/Pediatric and Adolescent Gynecology
- Elective
- Night float
Thursday is our academic day in the Department of Obstetrics and Gynecology. The day begins with Morbidity and Mortality Conference, in which cases from each service are presented by members of the house staff and are followed by lively and thoughtful discussion from the faculty and other members of the department.

**Grand Rounds**
Weekly Grand Rounds follow the M&M conference and feature presentations from within our faculty, as well as many distinguished visiting guest speakers. Each second and fourth year resident is required to give one Grand Rounds presentation each year, and these talks are often the highlight of the morning session.

**Resident Didactic Lecture Series**
A core Resident Didactic Lecture Series supplements the experience gained on clinical rotations to round out the comprehensive post-graduate curriculum. Residents have protected time away from their clinical duties to attend this weekly lecture series every week following Grand Rounds. One Thursday of the month is a designated simulation session in the Simulation Center at the Vagelos Education Center.

**Fetal Heart Rate Tracing Rounds**
Fetal Heart Rate Tracing Rounds are conducted once a week on Labor & Delivery.

**Gynecology Conference**
A Gynecologic (TGIF) Conference takes place every Friday morning. Preoperative cases are discussed with supervising faculty, and often an ACOG practice bulletin or a review of the recent literature on a particular gynecologic topic will be presented by a resident.

**Prenatal Pediatrics Conference**
A Prenatal Pediatrics Conference is held weekly. Complex high-risk pregnancies involving issues such as fetal anomalies, congenital heart defects, and genetic syndromes are discussed in a multidisciplinary setting with colleagues from Neonatology, Pediatric Surgery, Anesthesia, and other relevant specialties.

**Obstetrics Journal Club**
An OB Journal Club is held every month with the presentation of an interesting paper by a member of the house staff and a critical discussion and review of the topic led by an MFM fellow or faculty member.

**Continuity Clinics**
Ambulatory Continuity Clinics provide residents with the ability to care for their own panel of patients in a longitudinal fashion throughout their entire residency. Starting in the first year, residents are assigned one half-day session each week to develop their own “practice” of patients. Residents are supervised by attending physicians and learn how to provide comprehensive health care for women throughout their lives, including preventive medicine, family planning, antenatal, postpartum, gynecologic, and geriatric care.
RESEARCH CURRICULUM

The research curriculum offers residents a conducive and supportive environment for scientific investigation, education, and scholarship under the supervision of a chosen mentor and training from our researchers. Residents are required to actively participate in at least one research project during residency training, becoming familiar with the development, execution, data analysis, interpretation, and presentation of a research project.

<table>
<thead>
<tr>
<th>PGY-1</th>
<th>PGY-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Intro to Research: Residents must complete basic institutional on-line research training courses by the end of PGY-1 year or sooner if active engagement of research is performed prior to this time.</td>
<td>2. Mentor identification: Each resident year is assigned a mentor to ensure that residents are on track with the research curriculum. Your mentor will follow your research progress throughout your residency.</td>
</tr>
<tr>
<td>3. Attendance at monthly Journal Club sessions</td>
<td>3. Presentation of research hypothesis formally to Core Group in PGY-2 year</td>
</tr>
<tr>
<td></td>
<td>4. Attendance at monthly Journal Club sessions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PGY-3</th>
<th>PGY-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Research: Collect data, analyze results, and meet with mentor to assess progress.</td>
<td>1. Presentation: Meet with mentor regularly to assess progress. Present findings at National (e.g. SOGC, APOG) conferences.</td>
</tr>
<tr>
<td>2. Development of proposal (protocol) to solve the research question (conduct an appropriate literature search based on the research question; identify, consult, and collaborate with the appropriate content experts to conduct research; and propose a methodological approach to solve the question)</td>
<td>2. Publication: Meet with mentor to assess progress. Write up and submit to a peer-reviewed journal by completion of PGY-4 year</td>
</tr>
<tr>
<td>3. Presentation: Present results of the research at the annual Sloane Academic Assembly at completion of PGY-3 year.</td>
<td>3. Attendance at monthly Journal Club sessions</td>
</tr>
<tr>
<td>4. Attendance at monthly Journal Club sessions</td>
<td></td>
</tr>
</tbody>
</table>
The Department of Obstetrics and Gynecology has as part of its mission to provide a clinical, basic science, and technology-based research environment in women’s health.

Specifically, the resident will be required to be familiar with the development, execution, data analysis, interpretation, and presentation of a research project by active participation in at least one research project during residency training, to understand the basic principles of basic and applied clinical research, and to be able to critically appraise and summarize the literature on a given subject, and judge whether a research project or publication is sound, ethical, unbiased and clinically valuable. Residents are also sponsored to attend national conferences during the course of their tenure.

**Research Projects**

**Benjamin Margolis, MD**


**Caitlin Baptiste, MD**

*Port Site Metastases: A Survey of the Society of Gynecologic Oncology and Commentary on the Clinical Workup and Management of Port Site Metastases.* Baptiste CD, Buckley de Meritens A, Jones NL, Chatterjee Paer S, Tergas Al, Hou JY, Wright JD, Burke WM. J Minim Invasive Gyne-


**Resident Research Day**

- **Impact of Timing Delivery on Maternal and Neonatal Outcomes for Women with Three Previous Cesarean Deliveries**
  **Presenter:** Noelle Breslin, MD
  **Preceptors:** Cynthia Gyamfi-Bannerman, MD, Alex Friedman, MD, and Russell Miller, MD

- **Development and Validation of a Risk-Calculator for Adverse Perioperative Outcomes for Women with Ovarian Cancer**
  **Presenter:** Stephanie Cham, MD
  **Preceptor:** Jason Wright, MD

- **Trends in Use and Survival Associated With Fertility-Sparing Trachelectomy for Young Women with Early-Stage Cervical Cancer**
  **Presenter:** Rosa Cui, MD
  **Preceptor:** Jason Wright, MD

- **Adherence to established Guidelines for Chemotherapy-induced Nausea and Vomiting in Women Undergoing Treatment for Gynecologic Cancer**
  **Presenter:** Lisa Gabor, MD
  **Preceptor:** Jason Wright, MD

- **A Cross-Sectional Assessment of Maternal Vital Signs and Serum Lactate in Women Presenting for Acute Care in Pregnancy**
  **Presenter:** Adina Kern-Goldberger, MD
  **Preceptors:** Cynthia Gyamfi-Bannerman, MD, Leslie Moroz, MD

- **Improved Counseling Surrounding Periviable Deliveries at New York Presbyterian Hospital**
  **Presenter:** Olivia Myrick, MD
  **Preceptor:** Dorothy Smok, MD
Living in New York
Columbia University Irving Medical Center is located in Washington Heights in northern Manhattan, a family-oriented neighborhood that is steeped in history and offers a diverse lifestyle and housing. The hospital is half a mile from the George Washington Bridge and easily accessible by several subway lines. New Jersey suburban communities, as well as Westchester and Riverdale in New York are within 15 to 30 minutes from the hospital.

Duty Hours
It is our policy to comply with New York State 405 Regulations and with ACGME policy on work hours for post-graduate trainees. A duty hour work week is defined as a maximum of 80 hours averaged over 4 weeks, inclusive of all in-house activities and clinical assignments.

Monthly Resident Well Being Sessions
The PGY-3 Medical Education Council focuses on different aspects of the resident curriculum. One of our residents on the committee focuses on resident wellbeing. We have implemented new wellbeing sessions for our resident in the past academic year, including a “Broadway Bodies” dance class and a painting session. Over the holidays, we also dedicated a wellbeing session to performing a charitable act making no-sew fleece blankets for donation to Project Linus, which provides baby blankets to nurseries in children’s hospitals across the area.

Annual Resident Retreat
One of the most anticipated days of the residency program is our annual Resident Retreat. The morning starts off with an in-depth exploration of an education topic. Our past topics include; Breaking Bad News, The Business of Medicine, Residents-as-Teachers, and United States Health Care System. The afternoon is devoted to a fun, interactive team building activity. Our past activities include a scavenger hunt at the Met, a culinary challenge, games at Chelsea Piers, and a scavenger hunt at Grand Central Station.

Sloane Olympics
The Sloane Olympics are a residency-wide, end-of-year OSAT/OSCE to assess performance. Residents rotate through individual stations that are led by core faculty members. The stations cover a range of topics in obstetrics and gynecology, incorporate the use of high and low fidelity simulators and standardized patients, and are aligned with the PGY-specific educational objectives for all rotations.
Global Health Elective

The Department of Obstetrics & Gynecology at CUIMC/NYP has joined forces with the Baylor College of Medicine Global Women’s Health Program. The program is based at Kamuzu Central Hospital, a 619-bed hospital in Lilongwe, Malawi that serves as the regional referral center for central Malawi. This elective rotation in global women’s health will provide our Ob/Gyn residents the opportunity to treat conditions not commonly seen in the United States under conditions typical of a low resource setting. Residents work under the direction of a full time U.S. trained board certified faculty member. All visiting U.S. residents live at Baylor House, a safe living environment that is home to both short and long term students, residents, faculty members and researchers.

Artful OBServation

We have launched a new educational initiative in the department, entitled Artful OBServation. Artful OBServation is designed to celebrate the unique artistic excellence in visual arts, music, narrative medicine, and theater that is all around us in New York City. Medical Humanities, which provides the inspiration for Artful OBServation, is defined by the National Library of Medicine as the “intersection of medicine and humanistic disciplines such as philosophy, religion, literature, and the fine and performing arts.” We had four successful events last year. We believe the arts provide an opportunity for physicians to engage in shared experiences, with the potential to increase wellbeing and decrease burnout among the larger community. We have improved physician wellbeing and community building within our own department through the Artful OBServation initiative. In 2018, residents enjoyed these activites:

- A Night at the Theater (United Palace)
- A Night at the Museum (MOMA)
- A Night of Music and Medicine, Dr. Kogan
WHY CHOOSE COLUMBIA?

Selecting your residency program is one of the most important decisions in your career in medicine. During your residency you’ll work side by side with 23 other bright, energetic physicians who are not only stellar clinicians but also extremely well-versed in the current literature of our field. You’ll gain experience in managing virtually all of the problems that may confront a practitioner in our specialty while surrounded by exceptionally talented colleagues in every specialty from across the world.

It was apparent early on what a special residency program Columbia has. The diversity of resident interests, and the successful application of those interests to research and clinical work, made it clear that it is a place with both the resources and faculty/department investment to support residents’ career objectives—whatever they may be. The diversity and volume of patients that comes with working in a city like New York and a community like Washington Heights felt unique. It was clear the program cared about the community they worked with. The overwhelmingly kind welcome I received on matching left not a doubt that I had gotten very lucky to be taking my next step in medical training at Columbia.

Elizabeth Ludwig, PGY-1

I chose Columbia because the training is unbeatably rich, the faculty are inspiring and supportive and the patient population encompasses people from all socioeconomic backgrounds being treated side by side equally.

Ben Margolis, Alumnus
I ranked Columbia number one because, on my interview day, I instantly connected with the residents, fellows and faculty members. I was drawn to their profound ambition and dedication to their work, but also the sense of community and family they’ve created in the department (they’re also fun people!). Now, as a resident, I’m so grateful for the outstanding hands-on clinical education I am receiving at one of the most prestigious and innovative hospitals in the greatest city in the world.

Aaron Praiss, PGY-2

All top programs, including Columbia, have strong clinical training, but nowhere along the interview trail did I encounter residents who were so supportive of and so happy to be around each other. In addition, the program director, Dr. Ratan, is amazing and truly cares about the wellbeing of every resident. To me, these are the perfect ingredients for a successful and enjoyable residency experience.

Anne Knisely, PGY-1

Life After Residency

2017
- MFM UT-Houston
- Academic Generalist, U Cincinnati
- REI, MGH
- Gyn Onc, U Washington
- MFM/Genetics, UCSF
- MFM, Ohio State

2016
- REI, UCSF
- REI, NYU
- MFM, CUIMC
- Family Planning, U Penn
- REI, CUIMC
- Gyn Onc, U Penn

2015
- MFM, UCSD
- Gyn Onc, U Penn
- MIS, Brazil
- MFM, Einstein
- REI, U Penn
- MFM, CUIMC

2014
- Global Health, CUIMC
- Global Health, UNC
- Private Practice
- Family Planning, UCLA
- Gyn Onc, Hopkins
- MFM, Northwestern

Practicing in one of the largest, most diverse cities in the world, during your residency you’ll serve a patient population that presents with genetic, medical, and surgical challenges of incredible complexity on a daily basis.