

# DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

## DIVISION OF REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

The UAB Division of Reproductive Endocrinology and Infertility established a patient-focused Fertility Center dedicated to the cost-effective diagnosis and treatment of common and complex reproductive problems. Our center provides patients with personal, compassionate service and the most advanced fertility treatments. Our specialists also treat women with reproductive disorders such as fibroids and endometriosis, as well as hormonal disorders such as polycystic ovary syndrome (PCOS), excessive hair growth (hirsutism), and hormonal issues during menopause.

Our multidisciplinary team of physicians, nurses, and embryologists work together to provide personalized care and support in a comfortable and private setting. Our patients benefit from the research and expertise of more than 1,000 UAB Medicine physicians in more than 30 specialties. UAB Gynecology is consistently ranked among the nation's best by *U.S. News & World Report*.

### Diagnostic Testing

Our physicians conduct a thoughtful, thorough evaluation of each patient's conditions to efficiently determine the most accurate diagnosis and the most cost-effective treatment approaches. Our testing modalities include:

- Semen analysis
- Hormone tests
- Pre-conception testing
- Hysterosalpingogram
- Transvaginal ultrasonography
- Sonohysterography
- Laparoscopy
- Hysteroscopy

### Treatment

Chronic conditions are treated with long-term hormonal therapy and the assistance of ancillary support services, as indicated. Infertility conditions are treated with a range of modalities, from oral medications and artificial insemination to assisted reproductive technologies (ART), such as in vitro fertilization (IVF). Our ART procedure suite is located adjacent to our clinic space and allows us to perform on-site oocyte retrievals and other minor operative procedures requiring moderate sedation with anesthesiologist support. Our treatment approaches include:

- Laparoscopic surgery
- Advanced hysteroscopic surgery
- Myomectomy
- Ovulation induction
- Intrauterine insemination
- In vitro fertilization
- Donor sperm
- Donor oocytes
- Female fertility preservation
- Male fertility preservation

### Reproductive Laboratory

Our advanced gamete and embryo laboratory offers a full range of assisted reproduction services. Our laboratory, located immediately adjacent to our clinical space, has a state-of-the-art air purification system and a full array of cutting-edge equipment, including tabletop embryo incubators, a climate-controlled IVF micro-manipulation chamber, and Class I lasers for embryo biopsy. Our laboratory services include:

- In vitro fertilization
- Intracytoplasmic sperm injection (ICSI)
- Embryo biopsy
- Preimplantation genetic testing (PGT)
- Cryopreservation and storage of oocytes and sperm
- Female fertility preservation
- Male fertility preservation

## FOR REFERRING PHYSICIANS

Our faculty is committed to providing immediate consultations and care for your patients. For physician-to-physician consultations, please call UAB MIST at 800.UAB.MIST (800.822.6478).

**800.UAB.MIST (800.822.6478)**  
[uabmedicine.org/physician](http://uabmedicine.org/physician)

## OUR SPECIALISTS



### Deidre Downs Gunn, MD

Assistant Professor, Medical Director of IVF Program



### William Hurd, MD, MPH

Professor



### Sukhkamal Campbell, MD

Assistant Professor, Director of Fertility Preservation Services



### Ricardo Azziz, MD, MBA, MPH

Professor



### Courtney Gregory, CRNP



### Lacey Kendall, MLS (ASCP<sup>CM</sup>), TS (ABB)

Embryologist and Manager, ART

**UAB MEDICINE**

The University of Alabama at Birmingham