

The Education Program — 2005 Summary Report

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From the Chair

We are pleased to present this overview of the dynamic education programs available through University Hospitals MacDonald Women's Hospital, University Hospitals Case Medical Center and Case Western Reserve University School of Medicine.

Ours is a premier teaching and learning environment for professors as well as students. In collaboration with medical education institutions, research facilities and government, opportunities are abundant in which to grow and learn at University Hospitals MacDonald Women's Hospital, University Hospitals Case Medical Center and throughout the University Hospitals system.

Residents and fellows have the opportunity to work with and learn from specialists who have been nationally recognized as experts in their field, and who have, in many instances, authored or co-authored textbooks that are definitive in their specialty.

This report provides details of our many education programs, including clerkships, residencies and graduate programs. It also details not only our faculty and their credentials, but also their impressive list of accomplishments during the past year.

We are proud of the important learning and research that takes place in our programs, and hope you'll agree that the work being done is essential to the future of medicine and patient care.

Sincerely,

James H. Liu

**Arthur H. Bill Professor and Chairman of the Department
of Obstetrics and Gynecology at University Hospitals**

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Medical Students

Years 1 and 2

J. Ricardo Loret de Mola, MD
Chair, Reproductive Biology Committee,
Years 1 and 2

The Reproductive Biology curriculum provides students with the basic principles of reproduction and disorders of the reproductive tract as they relate to both men and women. Emphasis is also placed on preventative medicine and social psychological issues.

The goal is to prepare medical students for a career in women's health by providing the initial stages of a coordinated, stepwise four-year curriculum that progresses from normal male and female reproductive endocrinology to abnormal physiology and treatment.

During year one emphasis is placed on the normal anatomy and physiology of the male and female reproductive tract, with an emphasis on the neuroendocrinologic control of the ovarian and menstrual cycles. The normal reproductive process of fertilization, implantation, fetal growth, and delivery are discussed.

During year two the focus is on pathophysiology and abnormal reproductive processes, including abnormal reproduction, infertility, abnormal menstrual cycles, and disorders of puberty and growth.

These concepts provide a basis in normal and abnormal physiology for the third year clerkship in obstetrics & gynecology. The goal is to teach in sufficient detail all of the concepts of normal reproductive physiology so students can: appreciate how normal and abnormal physiological changes affect the general health and well being of men and women, and; how they are influenced by other medical, surgical, or emotional problems.

The curriculum for the first two years employs myriad media, including an electronic syllabus, slides, video, and small and large group discussions. Testing establishes concepts and preparation for the National Board examinations. Evidence of the high regard for the curriculum among first- and second-year classes came when Dr. Loret de Mola received the teaching award of the Committee of Student Representatives of the class of 2007.

Faculty contributions to the new curriculum at Case School of Medicine includes participation by Dr. Loret de Mola in developing the second block, "Building a Human Being," for which he will serve as one of the clinical immersion designers. He will work with the

group to develop the clinical cases and teaching that will be incorporated into the basic science materials as well as small group discussions.

The new curriculum emphasizes the use of small group discussions, early participation of students in clinical care and rotations, a thesis, and ethics to prepare young physicians for a career in medicine for the 21st century.

The Clerkship

Karen L. Ashby, MD, Director
Angelina K. Gangestad, MD, Assistant Director
Cindy Mueller, Education Coordinator

The goal of the obstetrics and gynecology clerkship is to develop skills, knowledge, and attitudes that will make each student into a competent, wise, and compassionate physician, whether they pursue obstetrics or gynecology, or not.

At completion each student will be able to:

- identify parameters for preventive health care for adult women, including cancer prevention and screening protocols;
- counsel women about contraception, abortion, and sterilization options;
- identify and treat common gynecological problems;
- understand the physiology of normal pregnancy and the interrelationships between pregnancy and common medical conditions;
- recognize common complications of pregnancy;
- manage a normal labor and delivery of a full-term infant;
- perform a complete, gentle, and accurate pelvic examination;
- demonstrate insight into the unique psychological issues associated with female physiological and pathological processes;
- identify when to refer a patient to an obstetrician-gynecologist;
- develop communication skills to facilitate clinical interaction with women and to assure that complete, accurate data are obtained;
- work effectively in health care teams in both outpatient and inpatient settings;
- acquire basic knowledge of pregnancy and delivery and the functional interaction of the reproductive system with reproductive and non-reproductive hormones;
- acquire the knowledge necessary for the diagnosis and initial management of common, acute, and chronic illnesses;

- develop clinical problem-solving skills;
- develop attitudes and professional behaviors appropriate to providing health care to women, including the maintenance of confidentiality, development of the necessary level of responsibility and commitment to patient care and developing a compassionate approach to patient care;
- gain an understanding of fetal care and its relationship to maternal care, and the production of a healthy newborn;
- expand hands-on experience by participating actively in a care-giving obstetrical team in helping pregnant women to reach term and give birth healthfully;
- gain insights into the nature and implications of both benign and malignant pelvic disorders and of such interventions as pelvic surgery, irradiation, systemic chemotherapy, infertility and reproductive disorders, together with pre- and post-therapy care;
- gain an introductory knowledge of ambulatory care by active participation under direct faculty supervision in various Gynecology, Infertility, Oncology, and normal OB clinics, and by observation of care being given in High-Risk OB clinics; and
- develop an awareness and sensitivity to the different problems women confront during the various time periods of their lives.

This clerkship has been structured to accomplish these goals. The curriculum for the clerkship is reflected in the student log forms provided with the orientation packet, and in the booklet "Medical Student Educational Objectives," which is available in the student library.

Clerkship Workshops And Seminars

Pelvic Examination	Dr. Nancy Judge
Basics of Fetal Monitoring.....	Dr. George Van Buren
Delivery	Dr. Laura David
Knot-Tying	Dr. Terry Cannon
Vaginal Examination Workshop	Dr. Marjorie Greenfield
Labor	Dr. Michael Gyves
Amenorrhea	Dr. George Gorodeski
Pregnancy Terminations.....	Dr. Jay Pinkerton
Late Pregnancy Bleeding	Dr. Jacob Palomaki
Complicated Pregnancy — Diabetes	Dr. George Van Buren
OB Anesthesia	Dr. Susan Dumas
Ovarian Cancer.....	Dr. Vivian vonGruenigen
Postmenopausal Bleeding & Endometrial Cancer	Dr. Steven Waggoner
Vaginitis & Vulvar Disorders	Dr. Bonnie Cheung
Abnormal Menstruation (PCOS).....	Kathy Cole-Kelly, MSN
Complicated Pregnancy — Hypertension	Dr. Jeff Chapa
Infertility	Dr. James Liu
Acute Pelvic Pain.....	Dr. Nancy Cossler
Contraception and Sterilization	Dr. Karen Ashby
Fibroids & Adenomyosis	Dr. George Gorodeski
Pelvic Masses (Adnexal Masses)	Dr. Angelina Gangestad
Mood & Drug-seeking Contributions to Pain Presentations	Dr. Jeffery Janata
Multiple Pregnancy Loss	Dr. Jeffery Janata
Postpartum Depression	Dr. Sheryl Kingsberg
Infertility — Psychological Aspects.....	Dr. Sheryl Kingsberg
Ethics of OB/GYN	Dr. Sheryl Kingsberg
Asceptic Technique for L&D.....	L&D Nurses
Dysmenorrhea	Dr. Karen Ashby
Abnormal Pap/Cervical Cancer	Dr. Kristine Zanotti
Menopause	Dr. Martin Wiczorek
Postpartum Problems.....	Dr. Reza Ghayuri
Genetic Issues.....	Dr. Noam Lazebnik
Prenatal Care.....	Celina Cunanan, CNM
Uro-Gynecology	Dr. Tina Mahajan
Free-Clinic: Pelvic Exams (using live patient models).....	Stephanie Berger
Role-Playing Workshops	Dr. Karen Ashby

Residency Program

Nancy J. Cossler MD, Director

Jay S. Pinkerton MD, Assistant Director

Marcy Rothstein, Coordinator

The residency program in obstetrics and gynecology at University Hospitals Case Medical Center has a rich history. Still housed in its original location at MacDonald Hospital for Women, it boasts some of America's most notable names in ob/gyn as either former chairs (Ken Ryan, Leon Speroff) or residents (Jack Pritchard, Ed Quilligan, Fred Zuspan).

Mac House (as it is fondly known) and University Hospitals Case Medical Center are the home base of the residency under the aegis of the Case School of Medicine. The Residency Review Committee and its parent institution, The American College of Graduate Medical Education, have fully accredited our program at the level of four residents per year, most recently in 2005.

The full time faculty has almost doubled in size in the last four years. This expansion has increased not only the number of opportunities for clinical education and research by the residents, but also the breadth and depth of exposure. The full-time faculty includes a Benign Generalist division with nine members, Maternal Fetal Medicine with five members (two of whom are double-boarded in genetics), four Reproductive Endocrinology and Infertility specialists, four Gynecologic Oncologists, and two in the newly created Division of Pelvic Medicine and Reconstructive Surgery. In addition, the part-time faculty includes 30 clinicians with active practices at Mac House, all of whom represent the many ways to practice the art of obstetrics and gynecology.

Complementing the traditional clinical faculty of obstetrics and gynecology, residents also interact with two psychologists from the Division of Behavioral Medicine. Mac House has an obstetrical anesthesia service whose residents and faculty work closely with our residents, both clinically and in joint educational endeavors. Mac House is the site of all resident rotations, with the exception of outpatient family medicine.

Woven throughout the residency is our continuity of care clinic, where each resident sees patients one day a week, through the end of the third year. Midwives provide care for the majority of uncomplicated obstetrical patients, and for well-woman issues, thereby leaving the complicated ob/gyn patients for the resident service.

Residency at its core is an educational endeavor. In addition to their clinical experiences, residents have protected educational time for conferences, presentations and discussions of medicine and science. A research project, suitable for publication and presentation at the Cleveland OB/Gyn Society, is required of all graduating residents.

Simply stated, our goal is to help each resident find her/his own true path to career fulfillment. Every resident who graduates from our program is a competent clinician equipped to become Board certified in obstetrics and gynecology. Each will be prepared to pursue a fellowship, an academic career or go directly into the practice of medicine.

Along the way, we also seek to help them:

- Understand what it really means to practice as a physician.
- Appreciate that our knowledge is always incomplete and requires a lifelong commitment to learning.
- Understand how imperfect our science remains and learn how to practice evidence-based medicine.
- Understand that healing doesn't always mean curing.
- Accept the responsibility of the work they have chosen to do and understand that we are guests in the lives of our patients.



Conferences

Conference	Frequency	Comments
Grand Rounds	Weekly	Presentations by invited faculty throughout the country. Organized into groups of 4 part mini series covering a broad range of topics. No drug company sponsored talks are accepted.
Tumor Board	Weekly	Discussion of all current gyn oncology patients and review of current diagnoses, expected disease course and future treatment with gyn oncology faculty, radiation oncology and pathology.
Gyn Case Conference	Weekly	Presentations of current patients followed by didactics and discussion. First and third Friday focuses on benign gyn, 2nd on REI and 4th on oncology.
OB Case Conference	Weekly	Patient presentation with didactics and discussion. First Friday focus on US/Genetics, 3rd combined OB/Anesthesia/Nursing, 2nd and 4th high risk OB.
Journal Club	Monthly	Articles from current literature are presented and discussed by a junior and senior resident. Both research and clinical faculty are actively included in the ensuing discussion.
Mortality & Morbidity	Monthly	Case presentations by senior faculty of patients on any of the Mac House services. Review is done in an atmosphere that cultivates learning and not blame.
Perinatal Mortality Meeting	Monthly	Review by pediatric residents and faculty of selected patients with obstetrical input where appropriate.
High Risk OB Neonatology Conference	Weekly	Joint conference sponsored by Pediatrics and Obstetrics to discuss management of pregnancy and delivery from each unique perspective.
Cleveland OB/Gyn Society	6 times/year	Formal conferences sponsored by the Cleveland Society for Obstetricians and Gynecologists. Didactic presentations by visiting Professors and local faculty.
The Core Curriculum	Quarterly	This curriculum is designed by each division (REI, Oncology, MFM and benign Gyn) to cover all important topics over a four-year period. The faculty not involved in that particular day's presentation cover all services in the house and the residents are all excused from any clinical duties to attend. It is also dress down day!
MacDonald Ethics Committee	Monthly	Multidisciplinary group including OB/Gyn, social work, nursing, psychiatry and lawyers who discuss and debate relevant aspects of challenging patients and difficult clinical scenarios.
Behavioral Medicine Series	Monthly	Topic presentations organized by our Division of Behavioral Medicine including sexual dysfunction, eating disorders, and the suicidal patient.
Family Medicine-OB/Gyn Case Conference	Monthly	Conference moderated jointly by Family Medicine & OB faculty, which includes case presentations and open discussion of topics of joint interest as: cardiovascular disease in women, nutrition/weight management, and abdominal pain.

Graduate Education

Fellowships in Gynecologic Oncology and Medical Hematology/Oncology

Gynecology Oncology Fellowship

The Cleveland Clinic/University Hospital Fellowship in Gynecologic Oncology (Jerome L. Belinson, MD, Program Director) is approved by the American Board of Obstetrics and Gynecology and comprises one year of primarily laboratory-based research, followed by two clinical years. The clinical rotations are on the gynecologic oncology services of the Cleveland Clinic and University Hospitals and include rotations in intensive care, radiation therapy, palliative medicine, and on the Breast Service at Cleveland Clinic. Fellows also complete university courses in statistics and cancer biology.

The American Board approved expansion of the fellowship in 2004, and the program is now accepting two first year fellows every other year. This assures that there are three clinical fellows at all times, with either one or two of those in the research year. The additional fellow allows them to take full advantage of available clinical material while also providing time for clinical research, the continuation of laboratory projects, progressive reading, conferences and didactic sessions.

The participating faculty consists of three gynecologic oncologists at Cleveland Clinic and four at University Hospitals. The fellowship continues to benefit from close relationships with pathology (five gynecologic pathologists), radiation therapy, and the many other services. The fellows continue to thrive in their laboratory research.

The accomplishments of recent gynecology oncology fellows have been notable. Dr. Denise Uyar (June 2004) holds an academic position at the University of Wisconsin, Milwaukee. Dr. Chad Michener (October 2004) has joined the staff at the Cleveland Clinic. Dr. Pedro Escobar is in his last post-graduate years. He will complete his training June 2006 consisting of a three year gynecologic oncology fellowship and a one year fellowship with the Breast Service in the Department of General Surgery. Dr. Robert Kim (PGY6) is now in his second clinical year, also finishing June 2006. There are currently two second year fellows: Dr. Luis Rojas-Espallat (Temple University) and Dr. Andrew Green (Case).

Medical Hematology/Oncology Fellowship Gynecological Oncology Elective Rotation

During the gynecologic oncology elective rotation, fellows function as part of a team composed of the attending physicians, residents, interns, nurse practitioners, and gynecological oncology fellows. Hematology/oncology fellows are required to attend weekly tumor board for gynecological malignancies, and actively participate in the discussions regarding review of diagnostic material, staging, management and eligibility to clinical trials. Fellows participate in outpatient clinics Monday thru Friday with direct supervision of gynecological oncology attendings. Fellows are expected to review pertinent literature prior to patient evaluation and are expected to independently develop a proposed impression and plan of care and discuss this with the attending physician.

Specific Objectives:

- Fellows will learn staging workup of gynecological malignancies.
- Fellows will learn essential components of surgical procedures used in the management of gynecological malignancies.
- Fellows will learn management techniques for gynecological malignancies including chemotherapy regimens, proper use of external or implanted radiotherapy and surgery.
- Fellows will learn how to monitor and manage patients after their initial anti-cancer therapy.
- Fellows will learn management of abnormal pap smear.
- Fellows will learn specialized needs of patients with gynecological malignancies.

Procedures:

- Under the supervision of the attending physician, fellow will perform gynecological examinations in patients with suspected or documented gynecological malignancy.
- Fellows are expected to observe two cases of ovarian cancer surgery.
- Fellows are expected to observe two cases of uterine cancer surgery. Fellows are encouraged to observe one brachytherapy procedure during their elective.



Graduate Programs in Reproductive Biology

Sam Mesiano, PhD, Director

Neal S. Rote, PhD, Associate Director

Cheryl Chernicky, Coordinator

Recently reactivated, the Department of Reproductive Biology at Case Western Reserve University and University Hospitals is expanding its graduate programs in reproductive biology. Programs leading to a doctorate (PhD) or a master of science (M.S.) degree in reproductive biology are being initiated.

The graduate programs in reproductive biology recognize that the study of reproduction integrates many traditional disciplines and seeks to develop scientists in a multidisciplinary approach to investigating the process of human reproduction — and applying that knowledge to improving reproductive success. The M.S. degree prepares students for further training or for careers in industry, clinical laboratories, government, education, and research organizations.

Two tracks are offered:

- Master's of Science in Reproductive Biology Research: a three-year program with emphasis on research.
- Master's of Science in Applied Reproductive Biology: a two-year course-work program with laboratory training and emphasis on assisted reproductive technologies (ART).

To successfully complete the M.S. in Reproductive Biology Research program (30 credit hours), candidates must complete a series of core and advanced content courses and submit and successfully defend a research-based thesis.

The minimum course requirement for the M.S. in Reproductive Biology Research is:

- 15 semester credit hours of core course work
- 6 semester credit hours of approved elective course work (400 level or higher)
- 9 semester hours to complete a mentored original research thesis. A successful public oral examination (defense) of the thesis is required for completion of the thesis requirement.

The curriculum is intended to provide a multidisciplinary foundation in human reproductive biology. In addition, students are required to take courses in ethical conduct in science and skills in teaching and to present at least two departmental seminars.

Core courses

RBIO 400: 3 credits

Human Reproduction

RBIO 450: 3 credits

Clinical Issues in Human Reproduction

STAT 401: 3 credits

Statistics for the Social and Life Sciences

RBIO 465: 1 credit

Ethical Conduct in Science

RBIO 401: 1 credit

Scientific presentation (written and oral)

RBIO 451/2: 4 credits

Reproductive Biology seminars/journal club

RBIO 601: 9 credits

Research

RBIO 651: Arranged elective courses

MS Thesis

RBIO/PATH 419: 6 credits

Reproductive Immunology

Courses from approved graduate-level courses (400 or higher): 6 Credits

Women's Reproductive Health Research Program

In 1999, the National Institute of Child Health and Human Development (NICHD) and the Office of Research on Women's Health (ORWH) named Case School of Medicine one of 20 career development centers for women's reproductive health research. The Center is headed by Dr. Pat Catalano at MetroHealth Medical Center and involves investigators from multiple clinical institutions in Cleveland, including Neal S. Rote, PhD at University Hospitals.

The centers were designed to develop academic careers of obstetrician-gynecologists, who would serve as Women's Reproductive Health Research (WRHR) Scholars while in the program. The scholars participate in a mentored research experience leading to an independent scientific career addressing women's health concerns.

Dr. Frank González joined the WRHR Program in September 2001 and is working with Drs. Rote and John Kirwan (Metabolism Institute, MetroHealth). Dr. Gonzalez had completed a Fellowship in Reproductive Endocrinology and previously held a faculty position at the University of Buffalo School of Medicine, where he was a clinical researcher and expert in Polycystic Ovary Syndrome. He is currently investigating the role of inflammation in the development of insulin resistance and compensatory hyperinsulinemia in women with Polycystic Ovary Syndrome.

Continuing Education — Grand Rounds

January 7, Modern Advanced Laparoscopy I: Temporary Uterine Artery Occlusion for Fibroid Treatment, Fred Burbank, MD, CEO & Chairman of the Board, Vascular Control Systems, Inc., San Juan Capistrano, CA, Coordinator: Janicki

January 14, Menopause Series I: Laparoscopic Hysterectomy – 101, Thomas B. Clarkson, DVM, Professor of Comparative Medicine, Wake Forest University, Baptist Medical Center, Winston-Salem, NC, Coordinator: Liu

January 21, Surgery Series I: Gastric Stapling in Women, Thomas A. Stellato, MD, Dept. General Surgery, University Hospitals, Coordinator: Gorodeski

January 28, Delivery of the Preterm Breech, Michael Gyves, MD, Div. Maternal-Fetal-Medicine, Dept. OB/Gyn, University Hospitals

February 4, Repeat Antenatal Corticosteroids, Yoram Sorokin, MD, Dept. OB/Gyn, Hutzel Hospital, Detroit, MI, Coordinator: Gorodeski

February 11, Menopause Series II: Menopause Without Estrogens: Botanicals, Phytoestrogens, and All That Jazz, Maida Taylor, MD, Associate Clinical Professor, Dept. OB/Gyn, and Reproductive Sciences, University of California at San Francisco, CA, Coordinator: Liu

February 18, Surgery Series II: Modern Diagnosis of Breast Reconstruction, Robert R. Shenk, MD, Dept. General Surgery, University Hospitals, Coordinator: Gorodeski

February 25, Modern Advanced Laparoscopy II: Laparoscopic Supracervical Hysterectomy vs. LAVH, Thomas Janicki, MD, Dept. OB/Gyn, University Hospitals, Coordinator: Janicki

March 4, Modern Advanced Laparoscopy III: Future Trends in Reproductive Surgery, Tommaso Falcone, MD, Cleveland Clinic Foundation, Coordinator: Janicki

March 11, Menopause Series III: Treatment of the Menopausal Woman Beyond the WHI, James Liu, MD, Chairman, Dept. OB/Gyn, University Hospitals, Coordinator: Liu

March 18, Surgery Series III: “Breast Imaging,” Nina L. Klein, MD, Dept, Radiology, University Hospitals, Coordinator: Gorodeski

March 25, Business of Medicine I: Coding for OB/Gyn Services: How to Assure Proper Documentation, Coding and Reimbursement, Julian Dakkak, MBA, Compliance Officer, UHFS/UHFP Association, Coordinator: Tammie Lee

April 1, Modern Advanced Laparoscopy IV: 3-D Ultrasound Imaging of Uterine Malformations, Noam Lazebnik, MD, Div Maternal-Fetal-Medicine, Dept., OB/Gyn, University Hospitals, Coordinator: Janicki

April 8, Menopause Series IV: A Clinicians Response to the WHI, Leon Speroff, MD, Director, Women’s Health Res. Unit, Dept. OB/Gyn, Oregon Health & Science Univ., Portland, OR, Coordinator: Liu

April 15, Surgery Series IV: Modern Surgical Management of Breast Disease, Joseph Crowe, MD, Cleveland Clinic Foundation, Coordinator: Gorodeski

April 22, Umbilical Cord Blood Stem Cell Transplantation, Mary Laughlin, MD, Dept. Hematology/Oncology, University Hospitals

April 29, Resident Research Day, Coordinator: Gorodeski

May 6, Perinatology (MFM) IV: The FASTER Trial: What Have We Learned? Honor Wolfe, MD, Div. Maternal-Fetal-Medicine, Dept. OB/Gyn, University of North Carolina, Chapel Hill, Coordinator: Judge

May 13, Ethical and Legal Decision Making Regarding Extremely Low Birth Weight Infants, John Fanaroff, MD, JD, Div. Neonatology, Dept. Pediatrics, University Hospitals

May 20, Digene, Charles Dunton, MD, Albert Einstein Medical Ctr, New York, NY

May 27, Medical Interventions for Female Sexual Dysfunction, Irwin Goldstein, MD, Boston University

June 10, Business of Medicine II: Risk Management: Lessons Learned, Kim Bixenstein, JD, VP & Dep. Gen. Counsel, University Hospitals, Coordinator: MaryAnn Hulme

June 17, Advances in the Diagnosis and Management of Preterm Labor, Cassandra Henderson, MD, Chief, Maternal-Fetal-Medicine, Our Lady of Mercy Med Ctn, Bronx, NY

June 24, Modern Management of Neonatal Jaundice, Avroy A. Fanaroff, MD, Professor and Chairman, Dept. Pediatrics, Rainbow Babies & Children Hospital

September 2, Osteoporosis Series I: Challenging Dogma: Is There A Role of Endometrial Biopsy in The Infertility Evaluation? Marc A. Fritz, MD, Prof and Chief, Reprod Endocrinology, Dept. OB/Gyn, University of North Carolina, Chapel Hill, Coordinator: Liu

September 9, Oncology Series I: Weight Loss, Exercise, and Cancer, Kerry S. Courneya, PhD, Prof and Canada Research Chair in Physical Activity and Cancer, University of Alberta, Edmonton, Alberta, Canada, Coordinators: von Gruenigen, Waggoner

September 16, Healthy Pregnancy Series I: Principals of Teratology: Why Some Drugs Are Safe and Some Are Not, Katherine Wenstrom, MD, Div. of MFM, Dept. OB/Gyn, University of Alabama at Birmingham, Coordinator: Greenfield

September 23, General OB/Gyn Series I: Practical Urogynecology: Clinical Dilemmas and Solutions, Sangeeta Mahajan, MD, Dept. OB/Gyn, University Hospitals, Coordinator: Pinkerton

September 30, Business of Medicine I: HIPAA Privacy Law, Julian Dakkak, MBA, Compliance Officer, University Hospitals Faculty Services, University Hospitals Faculty Practice Association, Coordinator: Gorodeski

October 7, REI Series II: Pituitary Disorders and Fertility, Stacie Weil, MD, Division of Reproductive Endocrinology & Infertility, Dept. OB/Gyn, University Hospitals, Coordinator: Liu

October 14, Oncology Series II: Preoperative Assessment in Woman with Endometrial Cancer, Kevin Reynolds, MD, Associate Professor & Chief Div of Gyn/Oncology, University of Michigan Hospital, Ann Arbor, Coordinator: Zanotti

October 21, Healthy Pregnancy Series II: Water Birth — Sink or Swim, Ellen Margles, CNM, MSN, Dept. OB/Gyn, University Hospitals, Coordinator: Greenfield

October 28, General OB/Gyn Series II: HIV and Cervical Dysplasia, Richard Beigi, MD, Dept. OB/Gyn, MetroHealth Medical Center, Coordinator: Pinkerton

November 4, REI Series III: A Lesion in Physiologic Changes in Bone Mass, Heidi Kalkwarf, PhD, Div of General & Community Pediatrics, Cincinnati Children's Hospital Medical Center, Cincinnati, Coordinator: Liu

November 11, Oncology Series III: Endometrial Hyperplasia, Connie Trimble, MD, Asst. Prof. of OB/Gyn and Oncology, John Hopkins University School of Medicine, Baltimore, Coordinators: von Gruenigen, Waggoner

November 18, Healthy Pregnancy Series III: Preserving the Perineum: What Does the Evidence Show? Nancy Fleming, CNM, PhD, University of Illinois at Chicago, Coordinator: Greenfield

December 2, REI Series IV: Androgen Co-therapy in Menopause, James Simon, MD, Clinical Professor, Dept. of OB/Gyn, George Washington University School of Medicine, Washington, D.C., Medical Director, The Women's Health Research Center, Laurel, MD, Coordinator: Liu

December 9, Oncology Series IV: Pelvic Mass Assessment and Ovarian Cancer Screening, Tom Herzog, MD, Dept. of OB/Gyn, Columbia Presbyterian Medical Center, Herbert Irving Pavilion, NY, NY, .Coordinators: von Gruenigen, Waggoner

December 16, Healthy Pregnancy Series IV: Evolution of the Female Pelvis and the Process of Human Labor, Bruce Latimer, PhD, Exec Director, Cleveland Museum of Natural History, Associate Professor of Anatomy, Case School of Medicine, and Cynthia Cover, CNM, Clinical Instructor, Coordinator: Greenfield

Academic Faculty

Francisco Arredondo, MD

Assistant Professor of Reproductive Biology,
Case School of Medicine

MD: Monterrey Institute of Technology and
Higher Studies

Research Fellowship: World Health Organization
Family Planning Research Center

Residency in OB/Gyn: University of Texas Health
Science Center at San Antonio

Fellowship in Reproductive Endocrinology:
Hospital of the University of Pennsylvania

MPH: Harvard University School of Public Health

Board Certified: OB/Gyn, Reproductive
Endocrinology and Infertility, Healthcare/Medical
Management

Karen L. Ashby, MD

Director of Medical Student Education,
Assistant Professor of Reproductive Biology,
Case School of Medicine

BS (cum laude): Princeton University

MD: Case Western Reserve University School
of Medicine

Residency in Medicine: The New York Hospital,
Cornell Medical Center

Residency in OB/Gyn: Mt. Sinai Medical Center

Board Certified: OB/Gyn

Katherine Austinson, CNM, MSN

Clinical Instructor of Reproductive Biology,
Case School of Medicine and of Nursing,
Frances Payne Bolton School of Nursing

BSN (magna cum laude): University of Cincinnati

MSN (magna cum laude): Case Western
Reserve University

Certificate in Nurse-Midwifery: Case Western
Reserve University

Board Certified: Midwifery

Jeff B. Chapa, MD

Assistant Professor of Reproductive Biology,
Case School of Medicine

BA: Washington University

MD: St. Louis University School of Medicine

Residency in OB/Gyn: University Hospitals
Case Medical Center

Fellowship in Maternal-Fetal Medicine:
University of Chicago

Fellowship in Medical Genetics: University
of Chicago/Children's Memorial Hospital

Bonnie W. Cheung, MD

Assistant Professor of Reproductive Biology,
Case School of Medicine

BA (summa cum laude): Washington University

MD: University of Southern California Keck School
of Medicine

Residency in OB/Gyn: University of Southern
California/LAC & USC Medical Center

Research Fellowships: American Pediatric Society,
Howard Hughes Research Fellowship

Nancy J. Cossler, MD

Residency Co-Director, Assistant Clinical Professor
of Reproductive Biology, Case School of Medicine

BA (summa cum laude): Youngstown State
University

MD (Valedictorian): Northeastern Ohio Universities
College of Medicine

Residency in OB/Gyn: Wayne State University
(Hutzel Hospital)

Board Certified: OB/Gyn

Celina D. Cunanan, CNM, MSN

Director of MacDonald Midwifery Service, Clinical
Instructor of Reproductive Biology, Case School of
Medicine and of Nursing, Frances Payne Bolton
School of Nursing

BSN (magna cum laude): Case Western Reserve
University

MSN (cum laude): Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western
Reserve University

Board Certified: Midwifery

Robert L. DeBernardo, MD

Assistant Professor of Reproductive Biology,
Case School of Medicine

BA (cum laude): Columbia University

MD: Temple University School of Medicine

Residency in OB/Gyn: Johns Hopkins Hospital

Fellowship in Gynecological Oncology:

Massachusetts General Hospital

Research Fellowship: Massachusetts General
Hospital

Angelina K. Gangestad, MD

Assistant Professor of Reproductive Biology,
Case School of Medicine

BA (cum laude): University of Rochester

MD: Hahnemann University

Residency in OB/Gyn: Medical College of Ohio

Board Certified: OB/Gyn

George I. Gorodeski, MD, PhD

Professor of Reproductive Biology, Oncology, Physiology and Biophysics, Case School of Medicine

MSc (magna cum laude): Sackler School of Medical Education, Tel Aviv University

MD (magna cum laude): Sackler School of Continuing Medical Education, Tel Aviv University

PhD: Case Western Reserve University School of Medicine

Fellowship in Endocrinology: Sackler School of Medicine, Tel Aviv University

Fellowship in Hormone Research: University of Paris-Sud

Fellowship in Reproductive Biology: Mt. Sinai Medical Center

Marjorie L. Greenfield, MD

Director of Education, Associate Professor of Reproductive Biology and of Pediatrics, Case School of Medicine

AB: Oberlin College

MD: Case Western Reserve University School of Medicine

Residency in OB/Gyn: University Hospitals of Cleveland/Cleveland Metropolitan General Hospital

Board Certified: OB/Gyn

Michael T. Gyves, MD

Acting Director, Division of Maternal Fetal Medicine, Associate Professor of Reproductive Biology, Case School of Medicine

BS: Fordham University

MD: Cornell University Medical College

Residency in OB/Gyn: The New York Hospital

Fellowship in Maternal Fetal Medicine: Case Western Reserve University School of Medicine

Board Certified: OB/Gyn; Maternal Fetal Medicine

Debra J. Hanson, CNM, MSN

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN: Cleveland State University

MSN: Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Board Certified: Midwifery

Pamela L. Hetrick, CNM, MSN

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN (magna cum laude): University of Phoenix

MSN (summa cum laude): Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Board Certified: Midwifery

Jeffrey W. Janata, PhD

Assistant Professor of Psychiatry, Reproductive Biology, Neurology, Psychology, Case School of Medicine

AB: Hamilton College

MA: Case Western Reserve University

PhD: Case Western Reserve University

Nancy E. Judge, MD

Associate Professor of Reproductive Biology, Case School of Medicine

AB: Smith College

MD: University of Massachusetts

Residency in OB/Gyn: Cleveland Metropolitan General Hospital

Fellowship in Maternal-Fetal Medicine:

Cleveland Metropolitan General Hospital

Board Certified: OB/Gyn; Maternal Fetal Medicine

Sheryl A. Kingsberg, PhD

Director, Division of Behavioral Medicine, Associate Professor of Reproductive Biology, Case School of Medicine

BA (magna cum laude): Smith College

MA: University of South Florida

PhD: University of South Florida

Susan J. Lasch, MD

Assistant Professor of Reproductive Biology, Case School of Medicine

BFA: University of Wisconsin-Milwaukee

MD: Case Western Reserve University School of Medicine

Residency in OB/Gyn: University Hospitals Case Medical Center

Noam Lazebnik, MD

Associate Professor of Reproductive Biology, Case School of Medicine

MD (magna cum laude): Sackler School of Medicine, Tel Aviv University

Residency in OB/Gyn: Tel Aviv Medical Center

Fellowship in Maternal-Fetal Medicine:

Cleveland Metropolitan General Hospital

Clinical Fellowship in Medical Genetics:

University of Pittsburgh

James H. Liu, MD

Chair, Department of Obstetrics and Gynecology, University Hospitals Case Medical Center, Arthur H. Bill Professor of Reproductive Biology, Case School of Medicine

BS (summa cum laude): Ohio State University

MD: Ohio State University School of Medicine

Residency in OB/Gyn: University of Rochester-Strong Memorial Hospital

Fellowship in Reproductive Endocrinology:

University of California, San Diego

Board Certified: OB/Gyn; Reproductive Endocrinology & Infertility

J. Ricardo Loret de Mola, MD

Director, Division of Reproductive Endocrinology and Infertility, Director of the MacDonald Fertility and IVF Program, In Vitro Fertilization Laboratory, Oocyte Donation Program, and Andrology Laboratory, Assistant Professor of Reproductive Biology, Case School of Medicine

MD (magna cum laude): The Monterrey Institute of Technology and Higher Education, Ignacio A. Santos School of Medicine

Transitional Residency: Temple University/ St. Luke's Hospital

Residency in OB/Gyn: University Hospitals/Case Western Reserve University

Fellowship in Reproductive Endocrinology: University of Pennsylvania School of Medicine

Research Fellowship: Case Western Reserve University

Board Certified: OB/Gyn; Reproductive Endocrinology & Infertility

Sangeeta T. Mahajan, MD

Director, Division of Female Pelvic Medicine and Reconstructive Surgery, Assistant Professor of Reproductive Biology, Case School of Medicine

BA (magna cum laude): Williams College

MD: Ohio State University College of Medicine

Residency in OB/Gyn: Barnes-Jewish Hospital Fellowship in Female Pelvic Medicine and

Reconstructive Surgery: Loyola University Medical Center

Ellen Margles, CNM, MSN

Director of MacDonald Physician's Midwives, Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN: Ohio State University

MSN: Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Board Certified: Midwifery

Tia M. Melton, MD

Instructor of Reproductive Biology, Case School of Medicine

BA: University of Cincinnati

MD: University of Cincinnati School of Medicine

Residency in OB/Gyn: University of Cincinnati Medical Center

Board Certified: OB/Gyn

Sam Mesiano, PhD

Assistant Professor of Reproductive Biology, Case School of Medicine

BSc: Monash University

PhD: Physiology, Monash University

Fellowship: Reproductive Endocrinology, University of California, San Francisco

Fellowship: Pediatric Endocrinology, University of California, San Francisco

Gretchen G. Mettler, CNM, MS

Director of Nurse-Midwifery Education, Clinical Instructor of Reproductive Biology, Case School of Medicine and Instructor of Nursing, Frances Payne Bolton School of Nursing

BA: Kent State University

AAS: Youngstown State University

BSN (cum laude): Youngstown State University

MS: University of Minnesota

Certificate in Nurse-Midwifery: University of Minnesota

PhDc: Kent State University

Board Certified: Midwifery

Laura D. Neal, CNM, MSN

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN (summa cum laude): Case Western Reserve University

MSN (summa cum laude): Frontier School of Midwifery & Family Nursing and Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Board Certified: Midwifery

Jay S. Pinkerton, MD

Director, Division of General Obstetrics and Gynecology, Director, Outpatient Services, Residency Assistant Director, Medical Director, Family Planning Association of Northeast Ohio, Assistant Professor of Reproductive Biology, Case School of Medicine

BS (summa cum laude): John Carroll University

MD: Case Western Reserve University School of Medicine

Residency in OB/Gyn: University Hospitals Case Medical Center

Board Certified: OB/Gyn

Iola Pustelnik, CNM, MSN

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN: Ursuline College

MSN: Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Neal S. Rote, PhD

Vice Chair for Academic Affairs and Director, Division of Research, Department of Obstetrics and Gynecology, Professor of Reproductive Biology and of Pathology, Case School of Medicine

BS (cum laude): Temple University

PhD: Temple University School of Medicine

Post-doctoral Fellowship: Microbiology and Immunology, University of Heidelberg, Germany

Post-doctoral Fellowship: Tumor Immunology, UCLA School of Medicine

Ann M. Raffis, MSN, CNP

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BSN: Kent State University

MSN: Kent State University

Board Certified: NCC

Elizabeth Ann Ruzga, CNM, ND

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

BA: Case Western Reserve University

BSN: Case Western Reserve University

MSN: Case Western Reserve University

ND: Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Leslie A. Stroud, CNM, MSN

Clinical Instructor of Reproductive Biology, Case School of Medicine and of Nursing, Frances Payne Bolton School of Nursing

Diploma: St. Thomas School of Nursing

MSN: Case Western Reserve University

Certificate in Nurse-Midwifery: Case Western Reserve University

Board Certified: Midwifery

George A. Van Buren, MD

Assistant Professor of Reproductive Biology, Case School of Medicine

BA: College of Wooster

MS: University of Akron

MD: Northeastern Ohio Universities College of Medicine

Residency in OB/Gyn: Akron City Hospital

Fellowship in Maternal Fetal Medicine:

University of Cincinnati School of Medicine

Board Certified: OB/Gyn; Maternal Fetal Medicine

Vivian E. von Gruenigen, MD

Associate Professor of Reproductive Biology, Case School of Medicine

BSN: Ohio State University

MD: Wright State University

Residency in OB/Gyn: Akron City Hospital

Fellowship in Gynecological Oncology:

University of Texas Southwestern Medical Center

Board Certified: OB/Gyn; Gynecological Oncology

Steven E. Waggoner, MD

Vice Chair for Clinical Affairs and Director, Division of Gynecological Oncology, Department of Obstetrics and Gynecology, Associate Professor of Reproductive Biology, Case School of Medicine

BS: University of Puget Sound

MD: University of Washington

Residency in OB/Gyn: University of Chicago

Research Fellow: Georgetown University Medical Center

Fellowship in Gynecologic Oncology:

Georgetown University Medical Center

Board Certified: OB/Gyn; Gynecological Oncology

Stacie Weil, MD

Assistant Professor of Reproductive Biology, Case School of Medicine

BS (summa cum laude): University of Illinois

MD: University of Illinois College of Medicine

Residency in OB/Gyn: University of Chicago Medical Center

Fellowship in Reproductive Endocrinology:

University of Pennsylvania School of Medicine

Board Certified: OB/Gyn; Reproductive Endocrinology & Infertility

Martin F. Wiczorek, MD

Director of the Women's Health Center, Clinical Instructor of Reproductive Biology, Case School of Medicine

BS (with distinction): University of Michigan

MD: University of Michigan Medical School

Residency in OB/Gyn: Wayne State University, Hutzel Hospital

Board Certified: OB/Gyn

Kristine M. Zanotti, MD

Assistant Professor of Reproductive Biology, Case School of Medicine

BS: University of Michigan

MD: Yale School of Medicine

Residency in OB/Gyn: University of Michigan School of Medicine

Fellowship in Gynecological Oncology:

The Cleveland Clinic Foundation

Board Certified: OB/Gyn; Gynecological Oncology

New Faculty

Three physicians join staff in 2005

We welcomed three outstanding physicians to the staff in 2005: Susan J. Lasch; MD, Sangeeta T. Majahan, MD; and Stacie Weil, MD

Susan Lasch is an assistant professor of reproductive biology at Case School of Medicine, where she earned her MD. She completed her residency at University Hospitals Case Medical Center. Dr. Lasch brings a diversity of training and experience to her first faculty appointment. She received her Bachelor of Fine Arts degree with an emphasis in ceramics. Before attending medical school she served in the Peace Corps in Proyecto Quatro, Dominican Republic as the sole volunteer in a rural, agricultural region. Her activities included a community educational program in fundraising that led to a sanitation project being funded by the U.S. Agency for International Development. She also launched educational programs on AIDS prevention, nutrition, and income-generating projects to enable women to independently respond to their needs in the home, and developed many other educational and community activities.

Sangeeta Mahajan has returned to her birthplace of Cleveland to serve as director of the division of Female Pelvic Medicine and Reconstructive Surgery and assistant professor of reproductive biology at Case School of Medicine. She earned her MD at The Ohio State University School of Medicine and completed her residency at Barnes-Jewish Hospital. While in residency she received an award for Special Excellence in Endoscopic Procedures from the American Association of Gynecologic Laparoscopists and the Golden Apple Teaching Award from the Washington University School of Medicine.

Stacie Weil completed her MD at the University of Illinois College of Medicine and her residency at the University of Chicago Medical Center. Dr. Weil has had an outstanding academic career, being awarded Phi Beta Kappa at the University of Illinois and AOA at the medical school. After her training in REI, Dr. Weil was a National Research Service Award Fellow and Staff Reproductive Endocrinologist at the National Institutes of Health and served on the staff of Walter Reed Army Medical Center.

Full-Time Faculty

Instructor

Carlyn Yanda, MS

Part-Time Faculty

Adjunct Professor

Ralph Gwatkin, PhD

Adjunct Assistant Professor

Zuhayr Madhun, MD

Adjunct Instructor

Michael Bloomfield, MD

Robert Schwartz, MD

Associate Clinical Professor

Thomas Janicki, MD

Milton Linden, MD

Jacob Palomaki, MD

Assistant Clinical Professor

Anthony Bacevice, Jr., MD

David M. Burkons, MD

Laura David, MD

Judith Evans, MD

Israel Henig, MD

Robert Hennes, MD

David Klausner, MD

Irwin Kornbluth, MD

Sangithan Moodley, MD

Yogesh Shah, MD

Clinical Instructor

Samir Ahuja, MD

Natalina Andreani, MD

Deepak Arora, MD

Sandra Bellin, MD

Mary Blank, MD

Kelly Buchanan, MD

Shahid Butt, MD

Jeffrey Cameron, MD

Ann Campbell, CNM

Mark Chapman, MD

Bradley Dennis, MD

Johnny Erkins, MD

Amanda Ferry, MD

Deborah Gerson, MD

Lauren Goetz, C.N.M.

Rhoda Goldschmidt, MD

James Guerrieri, MD

Mary Frances Haerr, MD

William Hahn, MD

Alane Haney, MD

Richard Harlan, MD

Tonya Heyman, MD

Shin Huang, MD

Karen Jaffe, MD

Nancy Johnson, MD

Fadi Khoury, MD

I.W. Kim, MD

Gregory Kitagawa, MD

Steven Klein, MD

Jeanne Knotek, MD

Michael Koroly, MD

Ori Kushnir, MD

Dan Lazarescu, MD

Kathryn Leenhous, MD

Robert Lucas, MD

Thomas McGrew, MD

Patricia McNamara, MD

Carolyn Moes, CNM

Lori Mullen, MD

Kathleen Neal, MD

Earle Pescatore, MD

Stanley Post, MD

Mitchell Reider, MD

Daniel Rzepka, MD

Sherilyn Sage, MD

Barbara Shagawat, MD

Joseph Shawi, MD

Marc Snelson, MD

Maurice Soremekun, MD

Sarah Spengler, MS

Peggy-Jeanne St. Clair, MD

Janette Stephenson, MD

Yolanda Thigpen, MD

Scott Tigert, MD

Katherine Tufts, CNM

Paula Usis, MD

Sandia Varyani, MD

David Wexler, MD

Margie Wenz, MD

Nancy Wollam-Huhn, MD

C.K. Woo, MD

Edward Yoon, MD

Faculty with Secondary Appointments

Professor

Louise Acheson, MD
Avory Fanaroff, MD
Maureen Hack, MD
Richard Martin, MD
Howard Nearman, MD
Raymond Redline, MD

Associate Professor

Jill Baley, MD
Richard Eckert, PhD
Allen Seftel, MD

Professor Emeritus

Judith Ilan, PhD, The William H. Weir, Jr., MD
Professor of Reproductive Biology

Wulf Utian, MD, PhD, The Arthur H. Bill
Professor of Reproductive Biology

Associate Professor Emeritus

Miriam Rosenthal, MD (Psychiatry)

Departmental Endowed Chairs

The William H. Weir, Jr. Basic Science
Chair of Reproductive Biology
Case School of Medicine

The Arthur H. Bill Chair of Reproductive Biology
Case School of Medicine
Present Occupant: James H. Liu, MD

The Baldwin Bill Clinical Chair
of Obstetrics and Gynecology
University Hospitals

OB/Gyn Residents

(as of 12/31/05)

PGY4

Vernon Terry Cannon, MD, PhD
University of Medicine & Dentistry of New Jersey/
Robert Wood Johnson Medical School

Bilal Kaaki, MD
American University of Beirut Accepted as a Fellow
in Pelvic Floor Medicine, Northwestern University

Robb Rydzynski, DO
Lake Erie College of Osteopathic Medicine

PGY3

Natalya Dubchuk, MD
Danylo Halysky Lyiv State Medical University

Reza Ghayuri, MD
Shiraz University of Medical Sciences

Jessica Hutchins, MD
Case School of Medicine

Melissa Mancuso, MD
Case School of Medicine

PGY2

Julia Girzhel, MD
Case School of Medicine

Nashat Moawad, MD
Medical University of Ohio

Betsy Patterson, MD
Case School of Medicine

Steve Yu, MD
Albany Medical College

PGY1

Hasan Abd Essamad, MD
American University of Beirut

Nichole Giannios, DO
Ohio University College of Osteopathic Medicine

Pragna Patel, MD
Northeastern Ohio Universities College of Medicine

David Starks, MD
University of Michigan Medical School

Faculty Achievements

National Service

Francisco Arredondo, MD, American College of Obstetricians and Gynecologists: Committee on Coding and Nomenclature

Karen L. Ashby, MD, American Board of Obstetrics & Gynecology: Board Examiner

George I. Gorodeski, MD, PhD, North American Menopause Society: Board of Trustees, Executive Committee, Scientific Committee, Federal-Liaison Task Force, Exam Committee, Ethics Task Force, Abstract Task Force (Chair); Director of Medical Advisory Board, CytoCore Inc, Society for Gynecologic Investigation: Abstract Review Committee, Research Grants Council of Hong Kong: Grant reviewer.

George I. Gorodeski, MD, PhD, was elected President of the North American Menopause Society (NAMS). He also served as Chair of the ZRG1 EMNR-E NIH Study Section and was chosen to moderate the Plenary Session on Management of Cardiovascular Disease in Women at the 15th annual meeting of NAMS.

Marjorie L. Greenfield, MD, National Down Syndrome Congress: Medical Advisory Panel.

Michael T. Gyves, MD, Ohio Board of Nurses: Committee on Prescription Governancy.

Jeffrey W. Janata, PhD, Board Member, The Commission on Interprofessional Education, Ohio State University.

Sheryl A. Kingsberg, PhD, was chosen for the Wilkonson Women's Health Lectureship given at the 25th annual Family Medicine Winter Symposium at the University of Kansas School of Medicine – Wichita. She was also chosen to Chair the session on Individual and Couple Strategies for Healing the Sexual Aftermath of Infertility at the co-joint meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society.

Sheryl A. Kingsberg, PhD, American Society for Reproductive Medicine: Abstract Committee (Co-Chair), Sexuality Special Interest Group (Chair), Embryo Donation Task Force. Society on Sex Therapy and Research: Consumer Book Award Committee (Chair). National Women's Health Report Advisory Board (Co-Chair).

James H. Liu, MD, served as Chair of the NIH-NCRR Study Section and of the NIH General Clinical Research Center Study Section.

James H. Liu, MD, American College of Obstetricians and Gynecologists: Committee on Gynecologic Practice, Gyn Practice Bulletins Committee (Chair), Committee on Gynecological Practice (Vice Chair), Reproductive Endocrinology Subcommittee (Chair); US Pharmacopeia Committee

J. Ricardo Loret de Mola, MD, Hispano-American Biomedical Association: Executive Committee. American Society for Reproductive Medicine: Membership Committee. American College of Obstetricians and Gynecologists: PROLOG Reproductive Endocrinology and Infertility Task Force. Central Association of Obstetricians and Gynecologists: Membership Committee.

Sam Mesiano, PhD, was selected to receive the 2006 President Scientific Achievement Award from the Society for Gynecologic Investigation (SGI). The SGI is one of the premiere scientific organizations in obstetrics and gynecology. It gives this award yearly to recognize a member whose record in scientific investigation is outstanding.

Gretchen G. Mettler, CNM, American College of Nurse-Midwives: Division of Accreditation Site Visitor, Division of Education Promotion Section (Chair)

Neal S. Rote, PhD, European Placental Group: New Investigator Review Committee, Poster Tour Committee. Society for Gynecologic Investigation: Abstract Review Committee.

Vivian E. von Gruenigen, MD, Society of Gynecologic Oncologists: Strategic Planning Task Force, CME Outreach Subcommittee (Chair), Education Committee, Annual Meeting Planning Committee. Gynecologic Cancer Foundation: Response Committee, Women's Cancer Network. American Board of Obstetrics and Gynecology: Basic Oral Board Gynecologic Examinations. Gynecologic Oncology Group: Quality of Life Committee.

Steven E. Waggoner, MD, Society of Gynecologic Oncologists: Clinical Practice Committee. Gynecologic Oncology Group: Ancillary Data Committee (Chair), Membership Committee, Human Research Committee, ad hoc Audit Team, Protocol Committee, Phase I Committee. Out Run Ovarian Cancer: Medical Advisory Team Member.

Kristine Zanotti, MD, Gynecologic Oncology Group: Human Research Committee. Out Run Ovarian Cancer: Medical Advisory Team.

Regional Service

Karen L. Ashby, MD, Cleveland Medical Association of Minority Physicians

Marjorie L. Greenfield, MD, Cleveland OB/Gyn Society: Secretary, Executive Committee.

Jeffrey W. Janata, PhD, The Gathering Place: Professional Advisory Board, Juvenile Diabetes Foundation: Medical Advisory Board.

Gretchen G. Mettler, CNM, American College of Nurse-Midwives, Northeast Ohio Chapter: Co-Chair

Laura D. Neal, CNM, American College of Nurse-Midwives, Northeast Ohio Chapter: Treasure

Leslie Stroud, CNM, American College of Nurse-Midwives, Northeast Ohio Chapter: Membership Committee (Chair)

Jay S. Pinkerton, MD, Cleveland OB/Gyn Society: Treasurer, Executive Committee, Family Planning Assoc. of NE Ohio: Medical Director, Preterm Quality Assurance Committee (Chair).

Vivian E. von Gruenigen, MD, Cleveland Hospice of the Western Reserve: Medical Advisory Committee, Program Committee, Akron General Medical Center: Board of Directors.

Other Service

CWRU: Case Western Reserve University
SOM: CWRU School of Medicine
UH: University Hospitals

Francisco Arredondo, MD, UH: IT Committee, Operating Room-Physicians' Champions Committee

Karen L. Ashby, MD, SOM: Block 2 Curriculum Design Team;

Nancy J. Cossler, MD, UH: Graduate Medical Education Council, GMEC Executive Committee, MacDonald Women's Health Leadership Council (Co-physician chair), Qual Choice Medical Board, SOM: Panel speaker-abortion issues – Students for Choice, OB/Gyn: Medical Education Committee.

Robert L. DeBernardo, MD, UH: Ireland Cancer Center IRB Protocol Review Committee, Perioperative Medicine and Service Line Meeting.

Angelina K. Gangestad, MD, UH: Central Credentialing Committee, Voice of the Customer, Problem Management Committee, Committee on

New Birth Certificate Reporting System, SOM: Core Curriculum Design Team, Clinical Block II, UH/VA.

George I. Gorodeski, MD, PhD, UH: Investigational Review Board, SOM: Faculty Council, Faculty Appointment, Promotion, and Tenure Committee,

Marjorie L. Greenfield, MD, UH: Ethics Committee, SOM: AOA Selection Committee.

Jeffrey W. Janata, PhD, UH: Institutional Review Board, Ethics Committee, SOM: Faculty Council, Flexible Program Council.

Nancy E. Judge, MD, UH: Ethics Committee (Chair), MacDonald Collaborative Committee.

Sheryl A. Kingsberg, PhD, UH: Ethics Committee, CWRU: Faculty Council Nominating Committee,

Noam Lazebnik, MD, UH: Institutional Review Board.

J. Ricardo Loret de Mola, MD, UH: Ethics Committee, SOM: Reproductive Biology Committee Course, 1st year Medicine Curriculum (Chair), Reproductive Biology Committee Course, 2nd year Medicine Curriculum (Chair), Curriculum Leadership Council.

Jay S. Pinkerton, MD, UH: Division of Gynecology QA Committee (Chair), Quality and Patient Safety Council, Perinatal Documentation Committee, SOM: Clinical Science Executive Committee.

Neal S. Rote, PhD, CWRU: President's Advisory Committee for Promotion and Tenure in the School of Engineering, Good Guys Group (committee of male faculty supporting development of female faculty),

Vivian E. von Gruenigen, MD, UH: Perioperative Medicine/Perioperative Service Line Committee, Ethics Committee, Gyn Ethics Committee, Multi-disciplinary Gynecologic Oncology Tumor Board Conference.

Steven E. Waggoner, MD, UH: UH Supervisor of the Gynecologic Oncology Fellowship, Ireland Cancer Center Strategic Planning Task Force, Case Comprehensive Cancer Center, Case Comprehensive Cancer: Program Implementation Committee, Protocol Review and Monitoring Committee (Vice Chair), Multidisciplinary Disease Management Team (Team Leader for Gynecologic Oncology), Gyn Oncology Scientific Team Leader.

Martin F. Wiczorek, MD, UH: Obstetrical Council.

Krastine M. Zanotti, MD, UH: Clinical Cancer Research and Epidemiology Committee.

Departmental Service

Karen L. Ashby, MD, Education Committee, Ob Council, Credentialing Committee, Faculty Appointments, Promotion and Tenure Committee.

Angelina K. Gangestad, MD, Education Committee, Investigational Review Board, Research Committee.

George I. Gorodeski, MD, PhD, Investigational Review Board (Chair), Education Committee, Director of Grand Rounds.

Marjorie L. Greenfield, MD, Education Committee (Chair), Awards Committee (Chair), Faculty Appointments, Promotion and Tenure Committee (Chair).

Jeffrey W. Janata, PhD, Institutional Review Board

Sheryl A. Kingsberg, PhD, Faculty Appointments, Promotion and Tenure Committee

Noam Lazebnik, MD, Institutional Review Board

J. Ricardo Loret de Mola, MD, Faculty Appointments, Promotion and Tenure Committee.

Jay S. Pinkerton, MD, Education Committee, Resident Research Committee, Practice Management Committee (Chair), Institutional Review Board, Credentialing Committee, Faculty Appointments, Promotion and Tenure Committee

Neal S. Rote, PhD, Faculty Appointments, Promotion and Tenure Committee, Education Committee, Resident Research Committee.

Vivian E. von Gruenigen, MD, Resident Research Committee (Chair), Quality Assurance Committee, Education Committee, Faculty Appointments, Promotion and Tenure Committee

Martin F. Wiczorek, MD, Education Committee

Teaching Awards

APGO Teaching Award

Michael T. Gyves, MD

Case School of Medicine Student Teaching Award

J. Ricardo Loret de Mola, MD

Charles Hendricks Resident Teaching Award

Francisco Arredondo, MD

Top Docs

Northern Ohio Live Magazine Top Docs

Marjorie L. Greenfield, MD

J. Ricardo Loret de Mola, MD

Cleveland Magazine

Top Docs of Northeast Ohio

J. Ricardo Loret de Mola, MD

Consumers' Research Council of America, Top Obstetricians and Gynecologists

J. Ricardo Loret de Mola, M.D

Tia M. Melton, MD

Vivian E. von Gruenigen, MD

Steven E. Waggoner, MD

Castle Connolly America's Top Doctors

Steven E. Waggoner, MD

Castle Connolly America's Top Doctors for Cancer

Steven E. Waggoner, MD

Best Doctors in America, Best Doctors, Inc.

Nancy J. Cossler, MD

Marjorie L. Greenfield, MD

Michael T. Gyves, MD

Nancy E. Judge, MD

James H. Liu, MD

J. Ricardo Loret de Mola, MD

Steven E. Waggoner, MD

Who's Who in Black Cleveland

Tia M. Melton, MD

Other Faculty Recognition

J. Ricardo Loret de Mola, MD, was elected President of the Hispano-American Biomedical Association.

Tia M. Melton, MD, was honored by election into Kaleidoscope Magazine's Forty/Forty Club in 2006. Kaleidoscope honors 40 professionals, ages 40 and younger, who "have done more with less and devoted enormous amounts of time and energy to improving themselves and their communities."

Sam Mesiano, PhD, was chosen for the Organizing Committee for the 53rd annual meeting of the Society for Gynecologic Investigation.

Vivian E. von Gruenigen, MD, received the Travel Award from the American Association of Obstetrics and Gynecologists Foundation.

Research Funding

Research in the Department of Obstetrics and Gynecology is well funded. In 2005 members of the department were participants in extramural grants totaling in excess of \$22,000,000. Grants totaling over \$2,750,000 were under review or submitted on 01/01/06 or afterwards.

Catalano P (PI), **Rote N** (Co-Investigator), Center for Study of Growth Regulation in Human Pregnancy, 12/1/99 – 11/30/06, NIH, K12 HD01273, Woman's Reproductive Health Research Career Development Center, \$1,611,629 in Direct Costs.

Cheung, B (PI), Gangestad, AK, The Appearance of Cesarean Section Wounds by Ultrasound Imaging, 2005 – ongoing, Biomet Orthopedics, Inc.

Cheung, B (PI), Gangestad, AK, The Effects of Autologous Platelet Gel Use at Cesarean Section Closure on Postoperative Wound Healing and Recovery, 2005 – ongoing, Biomet Orthopedics, Inc.

Colby, K (PI), **Waggoner, SE** (Medical Advisor), Patient Navigator Video Training for Cancer in Low-Income African Americans, #1R43CA124328-01, National Cancer Institute, total budget \$99,643, Pending.

Colby, K (PI), **Waggoner, SE** (Medical Advisor), Latino Faith-Based Cancer Outreach, R44 CA101557, NCI, total budget \$783,896, Pending.

Gass, M (PI), **Liu, JH**, Clinical Centers for the Clinical Trial and Observational Study of the Women's Health Initiative – East, 09/30/94 – 09/14/05, NIH, Direct Costs: \$10,428,075.

Gass, M (PI), **Liu, JH**, Women's Health Initiative Memory Study (WHIMS), 09/30/94 – 09/14/05, NIH, Direct Costs: \$212,070.

Gorodeski, G (PI), Estrogen and aging effects on transvaginal transport, 06/01/99 – 05/31/08, NIH RO1 AG015955-06, Direct Costs: \$1,250,000.

Greenfield, M (PI), **Lazebnik, N**, The effects of chemotherapy on ovarian structure and function, General Clinical Research Center (Horowitz R, PI), 01/01/04 – 12/31/05, NIH, M01 RR000080-42, Direct Costs: \$9,318.

Herbst, A (PI), **Waggoner, SE**, Continuation of Follow-up of DES-Exposed Cohorts, 2000 – 2005, NIH/NCI N01 CP 51018, \$163,300.

Janata, J (Co-PI) A controlled study of an interdisciplinary pain management approach led by primary care physicians, The 4PCP trial (Primary Practice Program for Patients with Chronic Pain). The Josiah Macy Foundation. \$983,076, 2004 – 2007.

Kingsberg, S (PI), **Liu JH, Arredondo, FA**, A Study to Evaluate the Efficacy and Safety of Transdermal Patches Delivering Hormone Therapy in Menopausal Women with Low Libido, 7/19/2004 – ongoing, Proctor and Gamble Pharmaceuticals, \$61,497.

Kingsberg, S (PI), **Liu, JH, Gangestad, AK**, A Trial of the Efficacy and Safety of Pharmacological Therapy in Women with Mixed Desire/Interest/Arousal/Orgasm Disorders, Zestra Laboratories, \$30,450, Pending.

Kingsberg, S (PI), **Arredondo, FA**, A Trial To Compare The Effects Of Hormone Therapy On The Vaginal Bleeding Pattern, Sexual Desire and Arousal in Postmenopausal Women with Sexual Dysfunction, Organon. 07/28/04 – 12/31/05, \$112,500.

Kinsella, T (PI), **Waggoner, SE** (Co-PI), Phase I/II Trial of intravenous TRIAPINE (NSC # 663249) in combination with pelvic radiation therapy and with or without weekly intravenous Cisplatin chemotherapy for locally advanced cervical cancer or pelvic gynecologic malignancy, 2005 – ongoing, NCI Division of Cancer Treatment and Diagnosis (CTEP), Direct Costs: \$67,610.

- Liu, JH (PI)**, A Study to Assess the Efficacy and Safety of Three Dosage Strengths of Pulsatile Hormone Administered Intravenously or Subcutaneously in Anovulatory or Oligoovulatory Infertile Females, 1/19/05 – 12/31/05, Ferring Pharmaceuticals, \$58,494.
- Liu, JH (PI), Arredondo, FA, Gangestad, AK**, A Comparison of Multiple Doses of Hormones in Combination and Alone, in Relieving Vasomotor Symptoms in Postmenopausal Women – 8/12/05 – 12/31/05, Solvay Pharmaceuticals, \$95,250.
- Liu, JH (PI), Arredondo, FA**, A Trial to Demonstrate the Safety and Efficacy of Daily Hormone for the Treatment of Vasomotor Symptoms in Postmenopausal Women, 11/17/05 – 12/31/05, Duramed Research, \$75,000.
- Liu, JH (PI), Arredondo, FA**, A Trial to Evaluate the Efficacy and Safety of Synthetic Hormone for the Treatment of Vulvovaginal Atrophy in Healthy Postmenopausal Women, 3/16/05 – 12/31/05, Duramed Research, \$104,625.
- Liu, JH (PI), Kingsberg, S**, A Phase III Study to Evaluate the Efficacy and Safety of Transdermal Hormone Therapy in Women with Hypoactive Sexual Desire Disorder, 6/20/02 – ongoing, Proctor and Gamble Pharmaceuticals, \$102,952.
- Liu, JH (PI), Kingsberg, S**, A Phase III Study to Evaluate the Efficacy and Safety of Transdermal Hormone Therapy Naturally Menopausal Women with Hypoactive Sexual Desire Disorder, 6/20/02 – ongoing, Proctor and Gamble Pharmaceuticals, \$131,425.
- Liu, JH (PI), Loret de Mola, JR, Arredondo, FA, Gangestad, AK**, Clinical Contraceptive Trials Network-Female, 04/01/04 - 03/31/10, NIH, Direct Costs: \$3,900,000.
- Loret de Mola, JR (PI)**, The Effects of Hormone Antagonists in Polycystic Ovarian Syndrome: Its Use for In Vitro Fertilization (IVF) and its Role on the Ovarian Insulin-like Growth-Factor System, 2004 – 2006, Organon Laboratories, Direct Costs: \$100,000.
- Mesiano, S (PI)**, Interaction Between Progesterone and Estrogen in the Control of Human Parturition, 06/01/05 – 05/31/08; March of Dimes, Direct Costs: \$219,254.
- Mesiano, S (PI)**, Myometrial PRs/ERs: Targets for the Prevention of Preterm Labor, 2/01/06 – 1/31/08, NIH RO3 HD051563, Direct Costs: \$100,000.
- Prokopczyk, B (PI), **Waggoner, SE**, The Role of Polyaromatic Hydrocarbons and Tumor Specific Nitrosamines in Cervical Cancer. Project 4 Tobacco Carcinogenesis and Chemoprevention, 2001 – 2005, NIH PO1 CA70972, \$2,122,872 (\$45,379/ yr. for Case Western Reserve Subcontract).
- Rote, N (PI)**, Antiphospholipid Antibody Heterogeneity, 7/1/03 – 4/30/08, NIH, RO1 HD043566-01A1, \$1,125,000 in Direct Costs.
- Rote, N (PI)**, Placental Endogenous Retrovirus Expression, 2/1/03 – 1/31/06, NIH, RO3 HD043546-01-02), \$100,000 in Direct Costs.
- Rote, N (PI)**, Trophoblast Intercellular Fusion, 4/1/06 – 3/31/08, NIH, R21 HD052803, \$275,000 in Requested Direct Costs, Pending.
- Rote, N (PI)**, Phosphatidylserine and Intertrophoblast Fusion, 4/1/06 – 3/31/11, NIH, RO1 HD047251-02, \$1,250,000 in Requested Direct Costs, Pending.
- Rote, N (PI)**, Pathophysiology of Antiphospholipid Antibodies, 12/1/06 – 11/30/11, NIH, RO1 HD054693-01, \$1,250,000 in Requested Direct Costs, Pending.
- Van Buren, G (PI)**, A Study to Assess the Efficacy, Safety, and Tolerance of Hormone Gels in Preventing Preterm Delivery in Pregnant Women at Increased Risk for Preterm Delivery, 4/1/04 – present. Columbia Labs, \$225,300.
- von Gruenigen, VE (PI)**, Lifestyle Change and Quality of Life in Obese Endometrial Cancer Survivors, 01/01/05 – 12/31/06, Lance Armstrong Foundation, Direct Costs: \$110,000.
- von Gruenigen, VE (PI)**, Support of the Gynecologic Cancer Patient, 04/01/04 – 04/31/05, Stark County Community Foundation, Direct Costs: \$10,000.
- von Gruenigen, VE (PI)**, The Recurrence of Early Endometrial Cancer in the Obese Patient, GOG/NCI, Pending.
- von Gruenigen, VE (PI)**, A Phase II Trial of Carboplatin and Paclitaxel in Elderly Women with Ovarian Cancer, GOG/ NCI, Pending.
- von Gruenigen, VE (PI)**, A Phase II Randomized Trial of BAY 43-9006, a Novel Raf Kinase Inhibitor, 2004 – 2005, NCI, Protocol # 6557.
- von Gruenigen, VE (PI)**, Strategies to Improve the Quality of Life in Ovarian Cancer, 2005 – 2006, Gynecologic Cancer Foundation and Ovarian Cancer Research Grant, \$25,000.

von Gruenigen, VE (PI), **Waggoner, SE**, A Trial For the Prevention of Doxil – Related Palmar – Plantar Erythrodysesthesia, 2004 – ongoing, Therapeutics Division of Ortho-Biotech, Direct Costs: \$120,000.

Waggoner, SE (PI), **von Gruenigen, VE** (Co-PI), A Trial of Intravenous Medication as Post Chemotherapy Consolidation (Project 4 in Program for Ovarian, Fallopian tube and Peritoneal Carcinomas), 2002 – 2006, Unither Pharmaceuticals, Per capita reimbursement \$8,896.

Waggoner, SE (PI), Smoking Cessation Intervention for Women with Locally Advanced Cervical Carcinoma: A Pilot Study. NCI Division of Cancer Prevention, Pending.

Waggoner, SE (PI), GOG Clinical Trials, NIH CA27469-94, 7/1/04 – 3/21/07, \$100,000 per year average direct costs.

Wilson, M (PI), **Liu, JH**, Development and Application of a Drug Delivery Device, 07/01/01 – 07/01/04, NIH SBIR Phase II Grant, Direct Costs: \$748,300.

Zanotti, KM, Monk, B, An Evaluation of Combined Therapy with Growth Factor Support in the Third Line Treatment of Recurrent or Persistent Ovarian or Primary Peritoneal Cancer. 2005 – ongoing, GOG Protocol 0186.

Dissemination of Knowledge: Publications

Peer-Reviewed Publications

Alpin, JD, Straszewski-Chavez, SL, Kalionis, B, Dunk, C, Morrish, D, Forbes, K, Baczyk, D, **Rote, N**, Malassine, A, Knofler, M. Trophoblast differentiation, progenitor cells, fusion, and migration: A workshop report. *Troph Res*, In press.

Althof, SE, Goldstein, I, Becher, E, Giraldi, A, Vardi, Y, Dennerstein, L, Marson, L, Brotto, L, Schreimer-Engel, P, Wallen, K, Clayton, A, Altman, A, **Kingsberg, S**, Shabsigh, R. The other side: failure in fair and balanced reporting. *J Sex Med* 2:583-4, 2005.

Arredondo, F, Noble, LS. Endocrinology of recurrent pregnancy loss. *Semin Reprod Med* 24:33-9, 2006.

Barad, D, Kooperberg, C, Wactawski-Wende, J, **Liu, J**, Hendrix, SL, Watts, NB. Prior oral contraception and post-menopausal fracture: A Women's Health Initiative observational cohort study. *Fert Steril* 84:374-83, 2005.

Barhart, K, **Loret de Mola, JR**, Garside, W, Coutifaris, C. Morphometric analysis of human oocytes obtained with laparoscopic ovarian biopsies. *Hum Reprod*, Submitted.

Bisits, AM, Smith, R, **Mesiano, S**, Yeo, G, Kwek, K, MacIntyre, D, Chan, EC. Inflammatory aetiology of human myometrial activation tested using directed graphs. *PLoS Computational Biology* 1:132-6, 2005.

Bonds, DE, Lasser, N, Qi, L, Brzyski, R, Caan, B, Heiss, G, Limacher, MC, **Liu, JH**, Mason, E, Oberman, A, O'Sullivan, MJ, Phillips, LS, Prineas, RJ, Tinker, L. The effect of conjugated equine estrogen on diabetes incidence: the Women's Health Initiative randomized trial. *Diabetologia* 1-10, e-pub Jan 27, 2006.

Buster, JE, **Kingsberg, SA**, Aguirre, O, Brown, C, Breaux, JG, Buch, A, Rodenberg, CA, Wekselman, K, Casson, P. Testosterone patch for low sexual desire in surgically menopausal women: a randomized trial. *Obstet Gynecol* 105:944-52, 2005.

Chernicky CL, Yi L, Tan H, **Ilan J**. Tissue-type plasminogen activator (tPA) is unregulated in metastatic breast cancer cells exposed to insulin-like growth factor I (IGF-I). *Clin Breast Cancer* 6:340-8, 2005.

DeBernardo, RL Jr., Perkins, RB, Littell, RD, Krasner, CN, Duska, LR. Low molecular weight heparin (dalteparin) in women with gynecologic malignancy. *Obstet Gynecol* 105:1006-11, 2005.

DeBernardo, RL Jr., Littell, RD, Luo, H, Duska, LR, Oliva, E, Kirley, SD, Lynch, MP, Rueda, BR. Defining the extent of Cables loss in endometrial cancer subtypes and its effectiveness as an inhibitor of cell proliferation in malignant endometrial cells in vitro and in vivo. *Canc Biol Therapy* 4:103-7, 2005.

Feng, YH, Wang, L, Wang, Q, Li, X, Zeng, R, **Gorodeski, GI**. ATP stimulates GRK-3 phosphorylation and b-arrestin-2-dependent internalization of P2X7-receptor. *Am J Physiol Cell Physiol* 288:C1342-C56, 2005.

Gil, KM, Frasure, HE, Hopkins, MP, Jenison, EL, **von Gruenigen, VE**. Effect of method of administration on longitudinal assessment of quality of life in gynecologic cancer: an exploratory study. *Health Qual Life Outcomes* 3:6 Online, 2005.

Gil, KM, Frasure, HE, Jenison, EL, Hopkins, MP, **von Gruenigen, VE**. Body weight and composition changes in ovarian cancer patients during primary chemotherapy. *Gynecol Oncol*, In press.

Gil, KM, **von Gruenigen, VE**. The role of diet in preventing and treating ovarian cancer. *Women's Health and Reproductive Nutrition: American Dietetic Association*, In press.

Gil, KM, **von Gruenigen, VE**. Nutrition and ovarian carcinogenesis: A critical review. *Women's Oncol Rev* 5:81-94, 2005.

González, F, Minium, J, **Rote, NS**, Kirwan, JP. Hyperglycemia alters tumor necrosis-release from mononuclear cells in women with polycystic ovary syndrome. *J Clin Endocrin Metabol* 90: 5336-42, 2005.

González, F, Minium, J, **Rote, NS**, Kirwan, JP. Altered tumor necrosis factor-release from mononuclear cells of obese reproductive age women during hyperglycemia. *Metabol* 55:271-7, 2006.

González, F, **Rote, NS**, Minium, J, Kirwan, JP. Reactive oxygen species-induced oxidative stress in the development of insulin resistance and hyperandrogenism in polycystic ovary syndrome. *J Clin Endocrin Metabol* 91:336-40, 2006.

González, F, Kirwan, JP, Minium, J, **Rote, NS**. In vitro evidence that hyperglycemia stimulates tumor necrosis factor-release in obese women with polycystic ovary syndrome. *J Endocrin*, 188:521-9, 2006.

González, F, Kirwan, JP, Minium, J, **Rote, NS**. Increased activation of nuclear factor B may trigger inflammation and insulin resistance in polycystic ovary syndrome. *J Clin Endocrin Metabol*. In Press, e-pub Feb 7, 2006.

González, F, Kirwan, JP, Minium, J, **Rote, NS**. Hyperglycemia stimulates intranuclear nuclear factor kB and inhibits inhibitory kB in mononuclear cells of women with polycystic ovary syndrome. *Eur J Endocrin*. In press.

Gorodeski, GI, Hopfer, U, Liu, CC, Margles, E. Estrogen acidifies vaginal pH by up-regulation of proton secretion via the apical membrane of vaginal-ectocervical epithelial cells. *Endocrin* 146:816-24, 2005.

Gorodeski, GI. Aging and estrogen effects on transcervical-transvaginal epithelial permeability. *J Clin Endocrinol Metabol*. 90:345-51, 2005.

Gorodeski, GI. Effects of estrogen on proton secretion via the apical membrane in vaginal-ectocervical epithelial cells of postmenopausal women. *Menopause* 12:679-84 2005.

Gorodeski, GI. Roundtable: Risk of Heart Disease. *Menopause Management* 14:28-31, 2005.

Green, AE, Escobar, PF, Stellato, T, Hallowel, I P, **von Gruenigen, VE**. Bariatric surgery in the field of gynecologic oncology. *Int J Gynecol Cancer* 15:1254-47, 2005.

Green, AE, Escobar, PF, Neubauber, N, Michener, CM, **von Gruenigen, VE**. The Martius flap neovagina revisited. *Int J Gynecol Cancer* 15:964-6, 2005.

Hamilton, JC, Feldman, MD, **Janata, JW**. Somatoform and factitious disorders: A critical review. *Psychosomatics*, In press.

Janata, JW, Hamilton, JC, Koroukian, S, Feldman, MD. Use of the somatoform and factitious disorder diagnoses in medical practice, Part I: Prevalence, demographics, health care use and comorbidity, In revision.

Jin, XW, **Zanotti, KM**, Yen-Lieberman, B. New cervical cancer screening strategy: combined Pap and HPV testing. *Cleveland Clinic J Med* 72:141-8, 2005.

Kim, RJ, Peterson, G, Kulp, B, **Zanotti, KM**, Markman, M. Skin toxicity associated with pegylated liposomal doxorubicin (40 mg/m²) in the treatment of gynecologic cancers. *Gynecol Oncol* 97:374-8, 2005.

Kim, RJ, Kulp, B, Peterson, G, Michener, CM, **Zanotti, KM**. A phase I-II study of combination chemotherapy & radiation therapy for the adjuvant treatment of high grade endometrial carcinoma. *Gynecol Oncol*, Submitted.

Kingsberg, SA. The testosterone patch for women. *Int J Impotence Res* 17:465-6, 2005.

Kingsberg, SA. Hypoactive sexual desire disorder in postmenopausal women: psychological aspects. Supplement to *OBG Management*, 2005.

Kingsberg, SA. Loss of sexual desire and menopause: prevalence, causes, and impact on quality of life. *The Female Patient* 30:57-63, 2005.

Liu, JH. Therapeutic effects of progestins, androgens, and tibolone for menopausal symptoms. *Amer J Med* 118:88S-92S, 2005.

Liu, JH, Muse, KN. The effects of progestins on bone density and bone metabolism in postmenopausal women: A randomized controlled trial. *Am J Obstet Gynecol* 192:1316-24, 2005.

- Loret de Mola, JR**, Abdul-Karim, F, Redline, R. Endomyometritis. *Fertil Steril*, Submitted.
- Mahajan, ST**, Kenton, K, Bova, DA, Brubaker, L. Transobturator tape erosion associated with leg pain. *Int Urogynecol J Pelvic Floor Dysfunct* 17:66-8, 2005.
- Mahajan, ST**, Fitzgerald, MP, Kenton, K, Shott, S, Brubaker, L. Concentric needle electrodes are superior to perineal surface-patch electrodes for electromyographic documentation of urethral sphincter relaxation during voiding. *Brit J Urol* 97:117-20, 2006.
- Mahajan, ST**, Elkadry, EA, Shott, S, Kenton, K, Brubaker, L. Patient selected goals: perspective on surgical outcomes one year after surgery. *Amer J Obstet Gynecol* 194:722-8, 2006.
- Mahajan, ST**, Brubaker, L. Botulinum toxin: Novel applications in lower urinary tract disorders. *Amer J Obstet Gynecol*, In press.
- Mahajan, ST**, Kenton, K, Fitzgerald, MP, Brubaker, L. Secondary pubovaginal sling procedures. *Special Society of Gynecologic Surgeons issue*, *Amer J Obstet Gynecol*, Submitted.
- Markman, M, Blessing, J, Rubin, SC, Connor, J, Hanjam, P, **Waggoner, S**. Phase II trial of weekly paclitaxel (80 mg/m²) in platinum and paclitaxel-resistant ovarian and primary peritoneal cancers: A Gynecologic Oncology Group study. *Gynecol Onco* In press. E-pub: Dec 2, 2005.
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- McCormick, B, Zinger, M, **Liu, JH**, Gass, M, Thomas, MA, Robins, JC. Low dose conjugated estrogens do not affect cerebral blood flow. *Amer J Obstet Gynecol* In press.
- Miller, DS, Blessing, J, **Waggoner, SE**, Schilder, J, Sorosky, J, Bloss, J, Schilder, R. Phase II evaluation of 9-aminocamptothecin (9-AC, NSC #603071) in platinum-resistant ovarian and primary peritoneal carcinoma: A Gynecologic Oncology Group Study. *Gynecol Onco*. 96:67-71, 2005.
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- Malomo, L, Bissada, NF, **Liu, J**. Periodontal assessment of postmenopausal women receiving risedronate. *Menopause* 12:685-90, 2005.
- Rote, NS**. Intercellular fusion of BeWo. Placenta, 26:686-687, 2005.
- Sloan-Stakleff, KD, Rouse, AG, Ryan, AP, Haller, NA, **von Gruenigen, VE**. A novel early-stage orthotopic model for ovarian cancer in the Fischer 344 rat. *Int J Gynecol Cancer* 15:246-54, 2005.
- Uyar, D, Frasure, HE, Markman, M, **von Gruenigen, VE**. Treatment patterns by decade of life in elderly women (>70 years of age) with ovarian cancer. *Gynecol Onco* 98:403-8, 2005.
- von Gruenigen, VE**, Daly, BJ. Futility: Clinical decisions at the end-of-life in women with ovarian cancer. *Gynecol Onco* 97:638-44, 2005.
- von Gruenigen, VE**, Gil, KM, Frasure, HE, Grandon, M, Hopkins, MP, Jenison, EL. Complementary medicine use, diet, and exercise in endometrial cancer survivors. *J Cancer Integ Med* 3:13-8, 2005.
- von Gruenigen, VE**, Gil, KM, Frasure, HE, Jenison, EL, Hopkins MP. The impact of obesity and age on quality of life in gynecologic surgery. *Amer J Obstet Gynecol* 193:1369-75, 2005.
- von Gruenigen, VE**, Daly, BJ. Treating ovarian cancer patients at the end of life: when should we stop? *Gynecol Onco* 99:255-6, 2005.
- von Gruenigen, VE**, Frasure, HE, Grandon, M, Hopkins, MP, Jenison, EL, Gil, KM. A longitudinal study of quality of life and complementary and alternative medicine use in ovarian cancer patients. *Gynecol Onco*, In press.
- von Gruenigen, V**, Tian, C, **Waggoner, S**, Barakat, RR. Treatment side effects, disease recurrence and survival as related to obesity in women with early endometrial carcinoma: a Gynecologic Oncology Group Study. *GOG*, Submitted.
- Waggoner, SE**. Anatomically based resection of cervical cancer. *Lancet Oncology* 6:732-3, 2005.

Wagner, G, Bondil, P, Dabees, K, Dean, J, Fourcroy, J, Gingell, C, **Kingsberg, S**, Kothari, P, Rubio-Aurioles, E, Ugarte, F, Navarrete, RV. Ethical aspects of sexual medicine. *J Sex Med* 2:163-8, 2005.

Wang, L, Feng, YH, **Gorodeski, GI**. Epidermal growth factor facilitates epinephrine inhibition of P2X7-receptor-mediated pore formation and apoptosis: a novel signaling network. *Endocrin* 146:164-74, 2005.

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Chapters and Books

Applegarth, LD, **Kingsberg, SA**. The donor as patient: assessment and support. In *Infertility Counseling: A Comprehensive Handbook for Clinicians*, Covington SN, Hammer-Burns L (Eds), 2nd Edition, Cambridge University Press, Chap. 19, In press.

Arredondo, F, Committee for Underserved Women. Cultural competency, sensitivity, and awareness in the delivery of health care. In *ACOG Special Issues in Women's Health 2005*, ACOG, pp 11-20, 2005.

Arredondo, F, Liu, JH. Menopause. In *Textbook of Clinical Reproductive Medicine and Surgery*, Falcone T, Hurd WW (Eds), Chapter 21, In press.

Janata, JW. Psychological evaluation in interventional pain practice. In *Weiner's Pain Management: A Practical Guide for Clinicians*, Weiner KA, Boswell MV, Cole BE, Weiner RS (Eds), 7th Ed, CRC Press, pp 915-922, 2005.

Janata, JJ, Kingsberg, SA. Sexual aversion disorder. In *Handbook of Sexual Dysfunction*, Balon R, Segraves RT (Eds). Marcel Dekker, Inc., New York. Pp111-121, 2005.

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Judge, N, Morrison, S. Perinatal Ultrasound, In *Fanaroff and Martin's Neonatal-Perinatal Medicine: Diseases of the Fetus and Infant*, 8th ed. Martin R, Fanaroff A, Walsh M (Eds), C. V. Mosby-Elsevier, St. Louis, MO, Chapt 8, pp 141-65, 2005.

Kingsberg, SA. Perimenopause and Sexuality. Management of the Perimenopause, In *Practical Pathways in Obstetrics & Gynecology Series*, Liu J., Gass M (Eds), McGraw-Hill, In press.

Kingsberg, SA. Infertility Counseling: In *A Comprehensive Handbook for Clinicians: Revised*. Eds. Burns LH, Covington SN (Eds). Parthenon Publishing, New York City, New York. In press.

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Loret de Mola, JR. Amenorrhea. In: *Clinical Reproductive Endocrinology and Infertility*. Falcone T (Ed), Academic Press, Inc, San Diego, 2005.

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Rote, NS, Trask, B. Adaptive immunity. In *Pathophysiology: The Biological Basis for Disease in Adults and Children*, (eds K McCance, S Huether), C.V. Mosby Co., St. Louis, MO, 5th Edition, Chapter 7, pp 211-248, 2006.

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Rote, NS, SE, Huether. Infection. In *Pathophysiology: The Biological Basis for Disease in Adults and Children*, (eds K McCance, S Huether), C.V. Mosby Co., St. Louis, MO, 5th Edition, Chapter 9, pp 293-309, 2006.

Rote, NS. Immunity. In *Understanding Pathophysiology*, (eds SE Huether, KL McCance), C.V. Mosby Co., St. Louis, MO, 4th Edition, Chapter 5, In press.

Rote, NS, Huether, SE. Inflammation. In *Understanding Pathophysiology*, (eds SE Huether, KL McCance), C.V. Mosby Co., St. Louis, MO, 4rd Edition, Chapter 6, In press.

Rote, NS, Huether, SE, McCance, KL. Hypersensitivities, Infection, and Immunodeficiencies. In *Understanding Pathophysiology*, (eds SE Huether, KL McCance), C.V. Mosby Co., St. Louis, MO, 4rd Edition, Chapter 7, In press.

Trask, B, **Rote, NS**, Huether, SE. Innate immunity: inflammation. In *Pathophysiology: The Biological Basis for Disease in Adults and Children*, (eds K McCance, S Huether), C.V. Mosby Co., St. Louis, MO, 5th Edition, Chapter 6, pp 175-210, 2006.

Textbook editor

Neal S. Rote, PhD, served as Section Editor for Mechanisms of Self-defense, In *Pathophysiology: The Biological Basis for Diseases in Adults and Children*, (eds K McCance, S Huether), C.V. Mosby, St. Louis, MO, 5th Edition, 2006, and for Immunity and Inflammation, In *Understanding Pathophysiology*, (ed S Huether, K McCance), C.V. Mosby Co., St. Louis, MO, 4rd Edition, 2006.

He has recently been appointed Associate Editor for *Understanding Pathophysiology*, (ed S Huether, K McCance), C.V. Mosby Co., St. Louis, MO, 4rd Edition, 2006.

Dissemination of Knowledge: Presentations

Peer-reviewed Manuscripts

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia alters tumor necrosis- α release from mononuclear cells in women with polycystic ovary syndrome. *J Clin Endocrin Metabol* 90:5336-42, 2005.

González, F, Minium, J, Rote, NS, Kirwan, JP. Altered tumor necrosis factor- α release from mononuclear cells of obese reproductive age women during hyperglycemia. *Metabol* 55:271-7, 2006.

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González, F, Rote, NS, Minium, J, Kirwan, JP. Increased activation of nuclear factor κ B triggers inflammation and insulin resistance in polycystic ovary syndrome. *J Clin Endocrin Metabol* 91:1508-12, 2006.

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Hussein, Y, Marchetti, CM, Krishnan, RK, González, F, Kirwan, JP. Effects of exercise and weight loss on multiple cardiac risk factors associated with the metabolic syndrome in an elderly population. *Arch Intern Med* Submitted.

Abstracts and Presentations in 2005

González, F, Kirwan, JP, Minium, J, Gaiser, H, Rote, NS. Hyperglycemia stimulates activation of NF κ B in mononuclear cells of women with polycystic ovary syndrome (PCOS). Oral Presentation, Amer Soc Reprod Med, Montreal, Canada, 2005. Abstract published in *Fertil Steril* 84:59-10, 2005.

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia-induced inflammation is a stimulus for atherogenesis in polycystic ovary syndrome. Oral Presentation, Society for Gynecologic Investigation, Toronto, Canada, 2006. Abstract published in *J Soc Gyn Invest*, 13:70A, 2006.

Hussein, Y, Marchetti, CM, Krishnan, RK, González, F, Kirwan, JP. Effects of exercise and weight loss on insulin resistance in older obese adults with metabolic syndrome. *Amer Diabetes Assoc*, Washington, DC, 2006. Abstract published in *Diabetes* 55:, 2006.

Marchetti, CM, Stetzer, BP, González, F, Kirwan, JP. Plasma visfatin is associated with exercise-induced changes in insulin resistance. *Amer Diabetes Assoc*, Washington, DC, 2006. Abstract published in *Diabetes* 55:, 2006.

Marchetti, CM, Brooks, L, O'Leary, VB, Stetzer, BP, González, F, Kirwan, JP. Plasma visfatin is reduced in older compared to younger obese adults. *Gerontol Soc Amer*, Dallas, TX, 2006. Abstract published in *Gerontologist* 46:, 2006

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia alters IL-6 release in mononuclear cells of obese reproductive age women. 25th Meeting of the North American Organization for the Study of Obesity, Boston, MA, 2006. Abstract published in *Obesity* 14 (1 Suppl):, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. Altered lipopolysaccharide-stimulated IL-6 release from mononuclear cells of women with polycystic ovary syndrome in response to hyperglycemia: evidence of LPS tolerance. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. In vitro evidence that hyperglycemia stimulates increased IL-6 release from mononuclear cells of obese women with polycystic ovary syndrome. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia stimulates proatherogenic inflammation pathways in polycystic ovary syndrome. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

Abstracts and Presentations at Meetings

Feng, YH, Gorodeski, GI. Endogenously expressed truncated P2X7 receptor lacking the C-terminal (P2X7-RTr) is preferentially unregulated in epithelial cancer cells and fails to mediate ligand-induced pore formation and apoptosis. The 10th Symposium of the European Society for the Study of Purine and Pyrimidine Metabolism in Man. Prague, the Czech Republic.

González, F, Kirwan, JP, Minium, J, Gaiser, H, Rote, NS. Hyperglycemia stimulates activation of NF κ B in mononuclear cells of women with polycystic ovary syndrome. Oral Presentation, American Society of Reproductive Medicine, Montreal, Canada.

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia-induced inflammation is a stimulus for arterogenesis in polycystic ovary syndrome. Society for Gynecologic Investigation, Toronto, Canada, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia alters IL-6 release in mononuclear cells of obese reproductive age women. 25th Meeting of the North American Organization for the Study of Obesity, Boston, MA, 2006. Abstract published in *Obesity* 14 (1 Suppl):, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. Altered lipopolysaccharide-stimulated IL-6 release from mononuclear cells of women with polycystic ovary

syndrome in response to hyperglycemia: evidence of LPS tolerance. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

González F, Rote NS, Minium J, Kirwan JP. In vitro evidence that hyperglycemia stimulates increased IL-6 release from mononuclear cells of obese women with polycystic ovary syndrome. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

González, F, Rote, NS, Minium, J, Kirwan, JP. Hyperglycemia stimulates proatherogenic inflammation pathways in polycystic ovary syndrome. 62nd Meeting of the American Society for Reproductive Medicine, New Orleans, LA, 2006. Abstract published in *Fertil Steril* 86 (2 Suppl):, 2006.

Gorodeski, GI. Apically sorted P2X7 receptors mediate purinergic-induced pore formation both in apical and basolateral domains of the plasma membrane. The 10th Symposium of the European Society for the Study of Purine and Pyrimidine Metabolism in Man. Prague, the Czech Republic.

Johnson, T, Swanson, L, Bivens, K, Hamilton, J, Janata, J. Somatoform and factitious disorders in older hospitalized patients: Prevalence, demographic characteristics, health care use, and co-occurrence. American Psychological Society Annual Meeting, Vancouver, BC.

Kenton, K, Mahajan, S, Fitzgerald, MP, Brubaker, L. Evidence of altered neuromuscular function in the striated urethral sphincter of women with prior continence procedures. 30th Meeting of the Annual International Urogynecological Association, Copenhagen, Denmark.

Krasner, CN, DeBernardo, R Jr., Findley, M, Penson, R, Matulonis, U, Atkinson, T, Roche, M, Seiden, MV. Phase II Trial of Anastrozole in Combination with Gefitinib in Women with Asymptomatic Mullerian Cancer, ASCO.

Lazebnik, N, Sarnat, H, Redline, R, Scher, M. Symposium VI: Consultations for neonatal encephalopathy. 34th Annual Meeting of the Child Neurology Society Los Angeles, CA.

Loret de Mola, JR, Halm, S, Arredondo, F, Liu, J. The Body Mass Index (BMI) in women with the Polycystic Ovary Syndrome (PCOS) is an independent risk factor for elevated High Sensitivity C-Reactive Protein (HS-CRP). 21st Annual Meeting of ESHRE, Copenhagen, Denmark.

Mahajan, S, Fitzgerald, MP, Kenton, K, Brubaker, L. The second continence procedure: do results depend on what was done first? 30th Meeting of the Annual International Urogynecological Association, Copenhagen, Denmark.

Mahajan, S, Fitzgerald, MP, Kenton, K, Brubaker, L. Reliability of the MESA questionnaire as a screening tool for urinary incontinence. 30th Meeting of the Annual International Urogynecological Association, Copenhagen, Denmark.

Mahajan, S, Kenton, K, Fitzgerald, MP, Brubaker, L. Reliability of the MESA questionnaire as a screening tool for urinary incontinence. 35th Meeting of the International Continence Society, Montreal, Canada.

Mahajan, S, Fitzgerald, MP, Kenton, K, Brubaker, L. The second continence procedure: do results depend on what was done first? 35th Meeting of the International Continence Society, Montreal, Canada.

Mahajan, S, Fitzgerald, MP, Kenton, K, Brubaker, L. Reliability of the MESA questionnaire as a screening tool for urinary incontinence. Meeting of the Society of Gynecologic Surgeons, Rancho Mirage, CA.

Mahajan, S, Kenton, K, Fitzgerald, MP, Brubaker, L. The second continence procedure: do results depend on what was done first? Society for Gynecologic Investigation, Phoenix, AZ, 2006.

Martra, F, Kunos, C, Frasure, H, Zola, P, Galletto, L, DeBernardo, R, von Gruenigen, V. Can lymphadenectomy be omitted among obese women undergoing surgical staging for carcinoma of the uterus? Society for Gynecologic Oncology, Miami, FL.

Rote, NS, Chakrabarti, S, Das, M. Intercellular fusionin BeWo. Poster Presentation, 11th Meeting of the European Placenta Group and the International Federation of Placental Associations, Glasgow, Scotland Abstract published in *Placenta*, 26:A69, 2005.

von Gruenigen, VE, Gil, KM, Frasure, HE, Hopkins, MP, Jenison, EL. Body weight and composition changes in ovarian cancer patients during primary chemotherapy. Society of Gynecologic Oncologists, Miami, FL.

Wei, B-R, Xu, C, Yu, Y, Rote, NS. Expression of apoptosis-related proteins in BeWo during differentiation. Poster Presentation, 11th Meeting of the European Placenta Group and the International Federation of Placental Associations, Glasgow, Scotland.

Invited Presentations

Arredondo, F

Clinical Dimensions of PCOS, Symposium on Controversies in Fertility Surgery, Monterrey OB/Gyn Society. Monterrey Mexico

Role of Ultrasound in Fertility Practice, NEOUS North East Ohio Ultrasound Society Symposium

PCOS, TV Interview Channel 5 Fertility Series.

Infertility for Primary Care Physicians, Dept of Internal Medicine, VA Medical Center, Cleveland, OH

Ashby, KL

Reproductive Issues and Lupus, Lupus Support Group, Cleveland, OH

Women's Health Issues, Health and Wellness Expo, Mt. Zion Baptist Church, Cleveland, OH

Menopause, Community Women's Health Fair, Mentor, OH

Gyn Update, Satcher Lecture Series, University Hospitals, Cleveland, OH

Gorodeski, GI

Women's Voices for Change in association with the North American Menopause Society, New York, NY

Greenfield, M

Update on Contraception for Adolescents. Pediatric Grand Rounds, Rainbow Babies & Children's Hospital, Cleveland, OH

Gyves, M

Delivery of the Preterm Breech, Ob-Ped Conference, University Hospitals, Cleveland, OH

Guidelines for Use of Misoprostol in Pregnancy, Dept of OB/Gyn, University Hospitals, Cleveland, OH

Delivery of the Preterm Breech, Dept of OB/Gyn Grand Rounds, University Hospitals, Cleveland, OH

Janata, JW

Getting the passion back: The sexual sequelae of infertility, Annual program, Resolve – The National Infertility Association. Columbus, OH

Psychological evaluation for interventional therapy, 16th Annual Meeting of the American Academy of Pain Management, San Diego, CA

Psychogenic pain, Board Review Course, American Society of Interventional Pain Physicians, St. Louis, MO

Psychological issues in chronic pain, Board Review Course, American Society of Interventional Pain Physicians, St. Louis, MO

Psychological screening for invasive therapies, Board Review Course, American Society of Interventional Pain Physicians, St. Louis, MO

Sexuality and Aging, University of Cincinnati Women's Health Conference, Cincinnati, OH

Transplantation, pregnancy and sexual function, Annual Meeting of the International Transplant Nurses Association, Cleveland, OH

Addressing sexual function in the palliative care context, Case/ Ireland Cancer Center CME program. Westlake, OH

Chelimsky, TC, Janata, JW. 4PCP – Primary Practice Physician Program for Chronic Pain, University Hospitals Grand Rounds (televised CME program)

Judge, N

Fetal Diagnostics/Update on Maternal Fetal Medicine, First Annual Women's and Children's Health Care Conference on Shaping the Future of Women's and Children's Health, Cleveland, OH

Prenatal Ultrasound, radio broadcast on Health Live, WCLV, Cleveland, OH

Kingsberg, SA

The Wilkonson Women's Health Lectureship: Sexuality and the Aging Woman and Postpartum Mood Disorders, 25th Annual Family Medicine Winter Symposium, The University of Kansas School of Medicine-Wichita, Wichita, KS

Sex Health and Menopause: Addressing the Challenges, Symposium: Beyond Estrogen: Changing Approaches to the Management of Menopausal Symptoms, The Cojoint Annual Meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society, Montreal, Canada.

Sexual Dysfunction in Women, Florida Obstetric and Gynecology Society Annual Meeting: Navigating the Perfect Storm, Orlando, FL

Efficacy and safety of a transdermal testosterone patch in surgically menopausal women: the results of two phase III clinical trials, The Annual Meeting of the Society of European Gynecologists, Helsinki, Finland

Clinical Overview of Female Sexual Dysfunction and Hypoactive Sexual Desire Disorder, American College of Clinical Pharmacy's 2005 Spring Forum: Female Sexual Dysfunction: A New Horizon. Myrtle Beach, SC

Managing Female Sexual Dysfunction, Grand Rounds, University of Rochester, Rochester, NY

A physician's guide to assessment and treatment of female sexual dysfunctions, Grand Rounds, The Ohio State University Medical Center, Columbus, OH

Review of Female Sexual Dysfunction, Annual Meeting of the American College of Obstetricians and Gynecologists Indiana Chapter, Indianapolis, IN.

Female Sexual Dysfunction, Cleveland Clinic Lerner College of Medicine Process of Discovery 2 Seminar Series, Cleveland, OH

A Women's Sexuality Throughout Her Adult Life, Mead Johnson Nutritionals Nurse's Conference: Current Challenges in Newborn & Women's Health Nursing, Westlake, OH

Impact of Cancer on Sexuality in Women, Grand Rounds, Ireland Cancer Center, University Hospitals, Cleveland.

Impact of aging on female sexual dysfunction, Nursing Grand Rounds, University Hospitals, Cleveland, OH

Impact of Aging on Sexuality, Mini Medical School, Case School of Medicine, Cleveland, OH

The Impact of Erectile Dysfunction on Sexuality and Relationships, Northeast Ohio Nurse Practitioners Advanced Practice Nursing Conference, Twinsburg, OH

Sexuality & Female Sexual Dysfunction, Women's Health 1st Annual Women's Health Summit: Current Research and Innovations 4Her, The Cleveland Clinic Women's Health Center, Cleveland, OH

Lazebnik, N

Confined placental mosaicism — a new potential explanation for fetal growth restriction, Greater Cleveland OB/Gyn Society, Cleveland New insights into Turner's Syndrome, Depts of OB/Gyn & Genetics, University Hospitals, Cleveland, OH

New insights into the molecular and sonographic diagnosis of lissencephaly, Depts of OB/Gyn & Genetics, University Hospitals, Cleveland, OH

The use of 3-D sonography to diagnose and treat congenital uterine malformations, Depts of OB/Gyn & Genetics, University Hospitals, Cleveland, OH

Liu, JH

New treatment options for the prevention of osteoporosis and beyond, PRI-Med Updates, Salt Lake City, UT

New treatment options for the prevention of osteopenia and beyond, PRI-Med Updates, Detroit, MI

Evaluation and management of decreased ovarian reserve, ACOG Annual Meeting, San Francisco, CA

Using evidence-based medicine to treat a patient with osteoporosis, Merck Educational Program, Toledo, OH

Progesterone, Androgens, Tibolone, Session on Treatments for Symptoms During the Menopausal Transition: Benefits and Harms of Commonly Used Interventions, NIH State-of-the-Science Conference on Management of Menopause-Related Symptoms, Bethesda, MD

Using evidence-based medicine to treat a patient with osteoporosis, Catherine L. Merck Educational Program, Erie, PA

Update WHI impact on menopause, Buffalo Gynecologic and Obstetric Society; Buffalo, NY, 2006

Treatment of menopausal symptoms, WCLV Healthlines Radio Program, Cleveland, OH

Behavioral psychology: Impact on aging on sexuality. Mini Medical School, Case School of Medicine, Cleveland, OH

Hysteroscopy diagnostic and therapeutic use, Dept OB/Gyn Grand Rounds, Fairview Hospital, Cleveland, 2006

Loret de Mola, JR

Is the Endometrial Biopsy Outdated? A new look at Endometrial Implantation Markers, The Columbus OB/Gyn Society, Columbus, OH

Is the Endometrial Biopsy Outdated? A new look at Endometrial Implantation Markers, Obstetrics and Gynecology Grand Rounds, Grand Rapids, MI

Prediction of Ovarian Reserve in an Infertile Population: Why is that Important? Obstetrics and Gynecology Grand Rounds, Grand Rapids, MI

20 year Experience of a Surrogate Pregnancy Program, The International IVI Symposium, Valencia, Spain

Medico-Surgical Complications of Ectopic Pregnancy, The Annual Meeting of the American College of Surgeons, San Francisco, CA

CRP and the Metabolic Syndrome in Women's Health, The Monterrey Obstetrical and Gynecological Society, Monterrey, Mexico

Is the Endometrial Biopsy Outdated? A new look at Endometrial Implantation Markers, Adeza Corporate Meeting, Orlando, FL

Mahajan, ST

Mahajan, ST, Kenton, K, Brubaker, L. Cystoscopic intra-detrusor botulinum A injections for the treatment of detrusor overactivity with incontinence. Video presentation, 30th Annual International Urogynecological Association, Copenhagen, Denmark

Mahajan, ST, Kenton, K, Brubaker, L. Cystoscopic intra-detrusor botulinum A injection for the treatment of detrusor overactivity with incontinence. Video presentation, 26th Annual American Urogynecological Society Meeting, Atlanta, GA

Practical Urogynecology: clinical dilemmas and solutions, Grand Rounds, Dept OB/Gyn, University Hospitals, Cleveland, OH

Mesiano, S

The roles of progesterone and progesterone receptors in the physiology and evolutionary biology of human parturition. NIH Perinatal Research Branch, Detroit, MI

Pinkerton, J

Nova Sure Residency Skills Advisory Program, Advisor, Boston, MA

Update on Cervical Screening and Pap Smears, Grand Rounds, Dept OB/Gyn, University Hospitals, Cleveland, OH

Rote, NS

Endogenous Retroviruses and Human Placental Development, Reproductive Biology Forum, Texas A&M, College Station, TX

Which Antiphospholipid Antibodies are Relevant to Pregnancy Complications? Repromedix, Inc., Woburn, MA

Endogenous Retroviruses Drive Villous Cytotrophoblast Differentiation, Minisymposium on Endogenous Retroviruses and Reproduction, 38th Annual Meeting of the Society for the Study of Reproduction, Quebec City, Canada

Trophoblast Differentiation and Intercellular Fusion, Workshop 10: Trophoblast differentiation: stem cells, progenitor cells, fusion, and migration. 11th Meeting of the European Placenta Group and the International Federation of Placental Associations, Glasgow, Scotland

Recurrent Pregnancy Loss, Annual program, Resolve – The National Infertility Association. Columbus, OH

Pregnancy Loss, TV Interview Channel 5 Fertility Series. Pregnancy Loss, Grand Rounds, Dept OB/Gyn, University Hospitals, Cleveland, OH 2006

von Gruenigen, VE

Speaker and Course Director for Alternative/Complementary Medicine, Society of Gynecologic Oncologists 36th Annual Meeting, Miami, FL

Alternative/Complementary Medicine in Gynecologic Oncology, Sunset Course, Society of Gynecologic Oncologists 36th Annual Meeting, Miami, FL

Quality of Life Research in Women with Ovarian Cancer, Gynecologic Cancer Foundation, Ovarian Cancer Survivors Course, Society of Gynecologic Oncologists 36th Annual Meeting, Miami, FL

Quality of Life and Sexuality in Ovarian Cancer Survivors, Gynecologic Cancer Foundation, Ovarian Cancer Survivors Course, Gynecologic Oncology Group Meeting, Baltimore, MD

Complementary Medicine and Quality of Life Issues, Gynecologic Cancer Foundation, Ovarian Cancer Survivors Course, Robert H. Lurie Comprehensive Cancer Center of Northwestern University and Northwestern Memorial Hospital, Chicago, IL

Transition from Cure to Palliation: Decisions on Withholding Chemotherapy in Ovarian Cancer Patients, International Conference on Ovarian Cancer, Memorial Sloan-Kettering Cancer Center, NY

Complementary Medicine and Quality of Life Issues in Ovarian Cancer, Gynecologic Cancer Foundation, Ovarian Cancer Survivors Course, University of California, San Diego Medical Center, La Jolla, CA, 2006

Update of Ovarian Cancer, University Suburban Health Center, Clinical Forum, Cleveland, OH
Improved Strategies in Ovarian Cancer Treatment, Summa Health System, Akron, OH

Current Debates in Ovarian Cancer, St. Elizabeth's Hospital, Youngstown, OH

Improved Strategies in Ovarian Cancer Treatment, Case Comprehensive Cancer Center/Blood Club Seminar Series, Cleveland, OH, 2006

Dietary Changes and Quality of Life in Obese Endometrial Cancer Survivors, Ireland Cancer Center Symposium, Independence, OH, 2006

Waggoner, SE

Evaluation and Management of Cervical and Vulvar Neoplasia, Grand Rounds, Dept OB/Gyn, The Western Pennsylvania Hospital and Allegheny General Hospital, Pittsburgh, PA

New Therapies for Gynecologic Malignancies, ASCO Meeting Highlights (For Medical Oncologists, nurses), Semi Annual GOG meeting, Baltimore, MD

New Investigators Orientation to the GOG Ancillary Data Subcommittee, Wright State University, Dayton OH

Women's Health Issues As Related to Gynecologic Oncology, The University of South Dakota, Sioux Falls, SD

HPV associated anogenital neoplasia, Comprehensive Gynecology Review Course, New York, NY

Vulvar Neoplasia, Grand Rounds, Department of OB/Gyn, New York, NY

Preinvasive and invasive endometrial carcinoma, Comprehensive Gynecology Review Course, New York, NY

Grand Rounds, OB/GYN, Endometrial Hyperplasia: More complex than you were taught, Lake ICC, UHC, Willoughby, OH

Cancer and Your Community –A Participation-Based Symposium for Primary Health Care Providers Smoking and Cervical Neoplasia, Grand Rounds, Dept OB/Gyn, Fairview General Hospital, Cleveland, OH

Wieczorek, MF

Obesity, It's a Big Problem, Grand Rounds, Dept. of OB/Gyn, University of Cincinnati, Cincinnati, OH

Zanotti, K

Management of endometrial hyperplasia and early endometrial carcinoma, Cleveland OB/Gyn Society, Cleveland, OH

Cervical cancer: evaluation and management, Community Health Partners, Ireland Cancer Center Grand Rounds, Cleveland, OH

Ovarian Cancer: Screening and pre-operative assessment, Community Health Partners, Ireland Cancer Center Grand Rounds, Cleveland, OH

Cervical Cancer: Standards and Controversies, Ireland Cancer Center Grand Rounds, Cleveland, OH