



Boonshoft
School of Medicine
WRIGHT STATE UNIVERSITY

Department of Obstetrics & Gynecology
Annual Report

2018

Dr. Jerome L. Yaklic
Associate Professor and Chairman

For the period including
July 1, 2018 — June 30, 2019

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Statement from the Chair

The Wright State University Boonshoft School of Medicine department of Obstetrics and Gynecology has a long history dating back 60 years to the founding of its residency program at Miami Valley Hospital by Dr. Phillips Champion in 1959 more than 20 years before the school of medicine graduated its first medical student class in 1980. Dr. Nicholas J. Thompson brought the department into School of Medicine in 1975 and led it through its early, formative years. The department has continued to provide a foundational understanding of obstetrics and gynecology to the thousands of medical students who have rotated through its clerkships. In part due to its long partnership with Wright Patterson USAF Medical Center, the department has graduated hundreds of military and civilian obstetrician-gynecologists who provide specialty and subspecialty Ob/Gyn care to women at medical facilities within our local region and around the world.

As the department welcomes its 60th intern class, our educational programs are as strong as ever. Our medical students continue to perform very well on the Ob/Gyn section of their NBME exam and match into some of the most selective Ob/Gyn residency programs in the country. Our residents are posting strong in-service exam scores and being highly successful at passing their Qualifying (written) and Certifying (oral) Board Exams. After completing their training, our graduates continue to thrive whether practicing at small, isolated military bases or large, urban academic health centers. Graduates hoping to pursue subspecialty training following graduation or several years in the field have been very successful at matching into very prestigious fellowships spanning the full gamut of Ob/Gyn care.

Our faculty practice has enjoyed our first full year in our new primary office location in the Sugar Camp office complex in Oakwood. The location has been well received by our patients and provides us with space to expand services and grow our faculty practice in the coming years. In addition to our faculty practice, the department remains clinically productive at our resident clinics at Five Rivers Health Centers, Wright Patterson Medical Center and other practice sites. As the attached report will show, in addition to our clinical productivity, our department's academic endeavors continue to grow.

This year, the department was forced to say goodbye to 3 of our faculty members. Dr Steve Lindheim left full-time employment in October 2018 to accept a position as Chief of Reproductive Medicine for Ruiwen Healthcare and Visiting Professor at Shanghai Jiaotong University School of Medicine in Shanghai, China. In June, Dr. Michael Galloway left to assume the Ob/Gyn Chair role at Texas Tech University Health Sciences Center at the Permian Basin in Odessa, Texas and Dr. Shannon Madison left to follow her husband who will be starting a cardiology fellowship in Grand Rapids Michigan. While the loss of three faculty members could be seen as a warning sign in many departments, I believe these transitions demonstrate the high quality of our faculty and the opportunities their time at the Boonshoft School of Medicine have prepared for. We congratulate our colleagues on their new opportunities! The Department is excited to be welcoming Dr. Hannah Kodeih who will be joining our full-time faculty in September 2019. We continue to recruit additional candidates as we work to fill our remaining vacancies.

In our long history, the department has seen numerous changes in healthcare and medical education. The department is as strong today as ever. We remain proud of the advances our research contributes to the field, the exceptional care we provide to the women of the Dayton region, training graduates who will be leaders in the field in the decades to come.

2 Programs/Divisions

Name of Division or Program	Members	Dates
General OB/GYN and Minimally Invasive Gynecologic Surgery	Dr. Jerome Yaklic	2010-pres
	Dr. Joni Abbott	2019-pres
	Dr. Sheela Barhan	1996-pres
	Dr. Josette D'Amato	2012-pres
	Dr. Janice Duke	2000-pres
	Dr. Austin Findley	2013-2019
	Dr. Michael Galloway	2007-2019
	Dr. Marilyn Kindig	2017-pres
	Dr. Nancy Lo	2012-pres
	Dr. Shannon Madison	2018-2019
	Dr. Jason Massengill	2013-pres
	Dr. Debra Miller	1992-pres
	Dr. Kelly Nagy	2017-pres
	Dr. Bao Nguyen	2018-pres
Dr. Ted Talbot	2013-pres	
Dr. Geoffrey Towers	2012-pres	
Gynecologic Oncology	Dr. William Nahhas (Dir)	1983-pres
	Dr. Michael Guy	2018-pres
	Dr. Robert Ore	2017-pres
	Dr. Thomas Reid	2018-pres
Maternal Fetal Medicine	Dr. Chris Croom	2000-pres
	Dr. David McKenna	1998-pres
	Dr. Jiri Sonek	2000-pres
	Dr. Samantha Wiegand	2016-pres
Research	Dr. Rose Maxwell (Dir)	2014-pres
Reproductive Infertility and Endocrinology	Dr. Steven Lindheim (Dir)	2014-2018
	Dr. Jeremy Groll	2004-pres
	Dr. Amy Harris	2018-pres
Female Pelvic Medicine and Reconstructive Surgery	Dr. Geoffrey Towers (Dir)	2004-pres
	Dr. Jason Massengill	2012-pres
	Dr. Debra Miller	1992-pres
	Dr. Jerome Yaklic	2010-pres

3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Joni Abbott, D.O. Assistant Professor		
Evangeline Andarsio, M.D. Clinical Professor	Physician burnout & resilience	Physician burnout & resilience
Sheela Barhan M.D. Associate Professor Women's Health Clerkship Director	Breastfeeding Endometriosis Pain Management	Medical Education, Resident Education
Josette D'Amato, D.O. Assistant Professor WSP OB/Gyn Medical Director	Low/high risk pregnancy, Adolescent gynecology, Minimally Invasive Surgery (MIS)/hysterectomy, Endometrial ablation, Contraception, Menopause	Endometriosis and Contraception
Janice Duke, M.D. Associate Professor Emerita	Menopause, perimenopause, routine & high-risk OB, Int'l medicine	
Austin Findley, M.D. Assistant Professor	Minimally Invasive Gynecology, Laparoscopic GYN surgery, pelvic pain, fibroids, endometriosis	Surgical outcomes, endometriosis, fibroids, pelvic pain, resident education and surgical simulation
Michael Galloway, D.O., MSHPE Associate Professor	Vaginal & Minimally Invasive Surgery (MIS), pelvic prolapse/reconstruction, advanced laparoscopic and Robotic surgery	
Amy Harris, M.D. Assistant Professor Director, REI	Infertility and Reproductive Endocrinology	
Marilyn Kindig, D.O. Assistant Professor	Substance abuse in pregnancy, Robotic Surgery, Menopause	Medical Education Opiate Addiction

Name and Academic Position	Clinical Interests	Research Interests
Steven R. Lindheim, M.D., MMM Professor	Infertility; Assisted Reproduction; Endocrine Disorders; Minimally Invasive Surgery (MIS)	Assisted Reproduction; Bioethics; MIS; Endometriosis; PCOS
Nancy Lo, M.D. Assistant Professor WPAFB USAF Medical Center Associate Program Director	Obstetrics and Gynecology, Abnormal uterine bleeding	Obesity in pregnancy
Shannon Madison, M.D. Instructor	Low/high risk pregnancy, Obstetric care, Contraception, gynecology (adolescent through post-menopause) Minimally invasive surgery	
Jason Massengill, M.D. Assistant Professor OB/GYN Department Chief, WPAFB USAF Medical Center	Pelvic organ prolapse, urinary incontinence, fecal incontinence, pelvic reconstructive surgery	Pelvic floor disorders in active duty population, botulinum A toxin for treatment of UUI, biomechanical properties of the swine pelvic support ligaments Postpartum Opioid Among Military Beneficiaries Risks of continued postpartum opioid use in opioid naïve patients in direct and purchased care Characteristics of opioid use in direct and purchased care in the postpartum period
Rose A. Maxwell, Ph.D., MBA Assistant Professor Director of Ob/Gyn Research		Infant mortality, Fetal Alcohol Syndrome, Neonatal Abstinence Syndrome, Social influence, Pelvic pain
Kelly Nagy, M.D. Instructor		Resident education, institution of formal resident wellness program, postpartum depression and follow-up
William Nahhas, M.D. Professor Emeritus	Gynecologic oncology, Gynecologic surgery	

Name and Academic Position	Clinical Interests	Research Interests
Bao Nguyen, D.O. Instructor		
Robert Ore, M.D. Assistant Professor		
George Theodore Talbot, M.D. Assistant Professor Residency Program Director	General OB/Gyn Robotics and Minimally Invasive Gynecologic surgery Centering (Group Prenatal Care), Resident Education	General OB/Gyn, Medical Education and skills assessment, Disparities in healthcare
Geoffrey Towers, M.D. Assistant Professor Director, FPMRS Associate Residency Program Director	Urogynecology Pelvic pain Mesh complications	Prolapse Rectocele Surgical Preparations Procedure complications Surgical Quality
Jerome Yaklic, M.D., MBA Associate Professor Chair	Vaginal surgery, Urinary and fecal incontinence, pelvic organ prolapse	Prolapse & Incontinence Surgical Quality Chronic pelvic pain & Endometriosis Preeclampsia

4 Teaching

Baccalaureate

Undergraduate medical education [medical school]

The Department of Obstetrics and Gynecology provides an 8-week clerkship experience for the approximately 120 third-year medical students from the Boonshoft School of Medicine as well as other electives, fourth-year sub-internships and a fourth-year Ob/Gyn bootcamp for WSU/BSOM and visiting medical students. All core faculty provide supervision and formal/informal instruction of 3rd & 4th year medical students in a variety of in- and outpatient settings including L&D, operating room, wards, Five Rivers Health Centers Center for Women's Health clinic, and Wright State Physicians Ob/Gyn offices. Additional key responsibilities are noted below:

Dr. Barhan

- Director *Women's Health* elective (MS 1)
- Director of *Junior Internship in Obstetrics and Gynecology* (MS 4)
- Director Ob/Gyn Bootcamp (MS 4)
- Chair of Clerkship Steering Committee
- Developer and primary preceptor for OB/Gyn Clerkship TBL's
- Precept 3rd Year Medical Student's Formal Case Presentations
- Medical Student Advisor - for students pursuing residency training in Ob/Gyn
- Organized Ob/Gyn Career Night for BSOM Students
- Instructor for Simulator Station, ICM II Bootcamp

Dr. D'Amato

- Precept Ob/Gyn Clerkship TBL
- Precept 3rd Year Medical Student's Formal Case Presentations

Dr. Findley

- Student Site coordinator for WPAFB Medical Center
- Precept Ob/Gyn Clerkship TBL
- Member of Clerkship Steering Committee

Dr. Galloway

- Precept 3rd Year Medical Student's Formal Case Presentations
- Preceptor for Surgical Simulation training
- Precept Ob/Gyn Clerkship TBL

Dr. Kindig

- WrightQ* – Problem Based Learning, Faculty Small Group Facilitator (MS 1 & 2)
- Beginning to End – presented clinical correlation to basic science information (MS1)
- Ob/Gyn Interest Group Co-Faculty Mentor
- Member of Clerkship Steering Committee
- Precept 3rd Year Medical Student's Formal Case Presentations
- Preceptor for Surgical Simulation training
- Precept Ob/Gyn Clerkship TBL

Baccalaureate

Undergraduate medical education [medical school] con't:

Dr. Lo

Precept 3rd Year Medical Student's Formal Case Presentations
Precept Ob/Gyn Clerkship TBL

Dr. Madison

Ob/Gyn Interest Group Co-Faculty Mentor
Member of Clerkship Steering Committee
Precept 3rd Year Medical Student's Formal Case Presentations
Preceptor for Surgical Simulation training
Precept Ob/Gyn Clerkship TBL
Ob/Gyn Career Night Participant

Dr. Maxwell

Supervise medical student research in OB/Gyn
Review and oversee medical student scholarly projects conducted through the department of Ob/Gyn
Provide support on medical student projects including overall project management, statistical analysis poster preparation and paper writing
Match medical students looking to do Ob/Gyn Research with faculty research mentors and resident researchers

Dr. McKenna

MFM Representative to Faculty Meeting
Member, Clerkship Steering Committee
Precept Ob/Gyn Clerkship TBL

Dr. Nagy

Student Site coordinator for WPAFB Medical Center
Member of Clerkship Steering Committee
Precept Ob/Gyn Clerkship TBL

Dr. Nahhas

Lecture during Ob/Gyn Clerkship TBL

Dr. Talbot

Precept 3rd Year Medical Student's Formal Case Presentations
Precept Ob/Gyn Clerkship TBL
Ob/Gyn Career Night Participant

Dr. Towers

Precept Ob/Gyn Clerkship TBL
Precept 3rd Year Medical Student's Formal Case Presentations
Precept Ob/Gyn Clerkship TBL

Dr. Yaklic

WrightQ – Problem Based Learning, Faculty Small Group Facilitator (MS 1 & 2)
Precept 3rd Year Medical Student's Formal Case Presentations
Member, Clerkship Steering Committee
Ob/Gyn Career Night Participant
Medical Student Advisor - for students pursuing residency training in Ob/Gyn

Graduate medical education (residents, fellows)

The Department of Obstetrics and Gynecology supports a fully integrated Wright State University Boonshoft School of Medicine / Wright Patterson AFB Ob/Gyn Residency Program. The program is primarily located at Miami Valley Hospital with rotations at Wright Patterson USAF Medical Center, Five Rivers Health Centers and other clinical sites in the Dayton area. The program accepts 6 residents per year, 3 civilians through the National Residency Match Program (NRMP) and 3 active duty military via the military match program for a total complement of 24 residents. In addition to the Ob/Gyn Residency Program, the department provides additional experiences for Emergency Medicine residents, Family Medicine residents and Geriatrics fellows. All core faculty supervise, proctor, and assist OB/Gyn residents in all aspects of patient care and are involved in the formal and informal education of our learners. Additional key responsibilities are noted below:

Dr. Barhan

Education Committee member
Clinical Competency Committee Member

Dr. D'Amato

Mentor pediatric residents on adolescent rotation during her Gynecology Clinic at Dayton Children's Hospital

Dr. Findley

Instructor for surgical simulation and cadaveric surgical anatomy lab
FLS Instructor
Education Committee member
Clinical Competency Committee member
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Residency Scholastic Remediation Program mentor

Dr. Galloway

Clinical Competency Committee member
Instructor for surgical simulation and cadaveric surgical anatomy lab
FLS Instructor
Residency Scholastic Remediation Program mentor

Dr. Kindig

Residency Scholastic Remediation Program mentor

Dr. Lo

Associate Program Director / Military APD
Coordinator Intern Bootcamp
Education Committee member
Clinical Competency Committee member
Civilian Resident Selection Committee member
Military Resident Selection Committee Chair/Coordinator
Residency Scholastic Remediation Program mentor

Graduate medical education (residents, fellows) con't:

Dr. Massengill

Faculty coordinator for Urogynecology rotation
Instructor for surgical simulation and cadaveric surgical anatomy lab
FLS Instructor
Clinical Competency Committee member
Resident Education Committee member
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Residency Scholastic Remediation Program mentor
Intern Bootcamp Instructor
Mentor Geriatric Fellow in Office Gynecology

Dr. Maxwell

Supervise resident research projects. Provide education related to research topics. Developed Resident Research Manual/Rotation to provide structure and objectives for the scholarly project requirement.

Dr. McKenna

MFM Representative to Faculty Meeting
Education Committee member
Clinical Competency Committee member
Civilian Resident Selection Committee member
Residency Scholastic Remediation Program mentor

Dr. Nagy

Clinical Competency Committee member
Resident Education Committee member
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Instructor for surgical simulation and cadaveric surgical anatomy lab
Residency Scholastic Remediation Program mentor
Intern Bootcamp Instructor
Wellness Faculty Advisor

Dr. Towers

Associate Program Director
Chair Clinical Competency Committee
Education Committee Member
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Residency Scholastic Remediation Program mentor
Mentor Geriatric Fellow in Office Gynecology

Dr. Yaklic

Education Committee member
Clinical Competency Committee member
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Residency Scholastic Remediation Program mentor
Mentor Geriatric Fellow in Office Gynecology

Continuing medical education (grand rounds, seminars):

Dr. Findley

Faculty Instructor for Fundamentals of Laparoscopic Suturing course at AAGL on Nov 10, 2018 in Las Vegas and gave a talk at ACOG in Nashville on May 4, 2019 on "The Difficult Laparoscopic Hysterectomy: Techniques to Avoid Complications".

Dr. Lindheim

Department of Reproductive Medicine, Renji Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China, November 2018: "The Oncofertility Consortium's National Physicians Cooperative: Transforming Fertility Management in the Cancer Setting"

Department of Reproductive Medicine, Renji Hospital, Shanghai Jiaotong University School of Medicine Shanghai, China, December 2018: "Update in the Management of Polycystic Ovarian Syndrome"

Ferring Fertility Forum-Shanghai, Shanghai, China, December 2018: "Case-sharing: US experience".

Department of Reproductive Medicine, Renji Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China, March 2019: "Study Designs".

Department of Reproductive Medicine, Renji Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China, April 2019: "The Anatomy and Physiology of a Journal Article-Don't Be Afraid!".

Dr. Massengill

Professional Development Course, Armed Forces District Meeting, ACOG, 2018

Invited Faculty, Air Force Medical Service Obstetric Patient Safety and Critical Care Course, 2018

5 Scholarly Activity

PUBLICATIONS

Papers in refereed journals

Briggs A, Nouri P, Galloway M, O'Leary K, Lindheim SR. Expanded Genetic Carrier Screening: A Current Survey of Physician Utilization and Attitudes JARG, 2018; <https://doi.org/10.1007/s10815-018-1272-8>.

Findley AD, Kemner E. "Selecting the Appropriate Patient for Opioid Therapy: Risk Assessment and Treatment Strategies for Gynecologic Pain." Clin Obstet Gynecol. 2019 Mar;62(1):48-58.

Glenn T, Bembry J, Findley AD, Yaklic JL, Gagneux P, Bala B, Lindheim SR. Cesarean Scar Ectopic Pregnancy: Current Management Strategies. Obstet Gynecol Survey 2018;73(5):293-302. doi: 10.1097/OGX.0000000000000561

Glenn T, Harris AL, Lindheim SR. The Impact of Obesity on Male and Female Reproductive Outcomes. Current Opinion in Obstet & Gynecol, 2019 Apr 22. doi: 10.1097/GCO.0000000000000549.[Epub ahead of print]

Harris AL, Vanegas JC, Hariton E, Bortoletto P, Palmor M, Humphries LA, Tanrikut C, Chavarro JE, Styer AK. Semen Parameters on the Day of Oocyte Retrieval Predict Low Fertilization during Conventional Insemination IVF Cycles. Journal of Assisted Reproduction and Genetics (2019) 36:291–298

PUBLICATIONS

Papers in refereed journals con't:

Nicholson JM, **Keller LC**, **Yaklic JL**, Comment Response: Limiting Elective Delivery Prior to 39 Weeks May Be Producing Harm Rather Than Benefit. *JAMA Pediatrics*. 2018 Dec;172(12):1200-1201. doi:10.1001/jamapediatrics.2018.3345.

Lin J, **Lindheim SR**. Bariatric Surgery in Obese Women with Polycystic Ovarian Syndrome (Obesity and Bariatric Surgery, 2019).

Lindheim SR, **Lincenberg K**, **Wood MA**, **Kemner E**, Burns MK, Hood DL, **Maxwell RA**. Lee M. The Impact of Hysteroscopic Tissue Removal Systems on Histopathologic Analysis for Benign and Cancerous Endometrial Pathology: An *Ex Vivo* Study *Journal of Obstetrics and Gynecology of India* (2018), 1-6.

Nezhat CH, Pfeifer S, Bhagavath B, **Lindheim SR**, Petrozza JC, Chan PTK, Palter SF. *Am J Epidemiol*. Prospective Cohort Study of Uterine Fibroids and Miscarriage Risk. 2018;187(5):1131-1132. doi: 10.1093/aje/kwy031.

Lindheim SR, **Glenn T**, and Whigham LD. Recognizing and Eliminating Bias in Those with Elevated BMI in Women's Health Care. *Fertil Steril* 2018;109(5):775-776. doi: 10.1016/j.fertnstert.2018.03.002.

Christianson MS, **Lindheim SR**. Pediatric Ovarian Tissue Cryopreservation: Time to Lift the Experimental Label? *Fertil Steril*. 2018;109(5):805-806. doi: 10.1016/j.fertnstert.2018.03.035.

Estes S, Bagavath B, **Lindheim SR**. Tubal Anastomosis: Once in a Blue Moon? *Fertil Steril*. 2018;110(1):64-65. doi: <https://doi.org/10.1016/j.fertnstert.2018.03.024>

Bagavath B, **Lindheim SR**. Optimal Management of Symptomatic Cesarean Scar Defect. *Fertil Steril*. 2018;110(3):114. <https://doi.org/10.1016/j.fertnstert.2018.06.035>

Madeira JL, **Lindheim SR**, and Sauer MV. Against Seminal Principles: Ethics, Hubris, and Lessons to Learn from Illicit Inseminations. *Fertil Steril*. 2018 Nov;110(6):1003-1005. doi: 10.1016/j.fertnstert.2018.08.028.

Bagavath B, **Lindheim SR**. Options for Controlling Blood Loss During Myomectomy. *Fertil Steril*. 2019 May;111(5):894. doi: 10.1016/j.fertnstert.2019.03.011.

Gornet ME, **Lindheim SR**, Christianson MS. Ovarian Tissue Cryopreservation and Transplantation: What Advances are Necessary for this Fertility Preservation Modality to No Longer be Considered Experimental? *Fertil Steril*. 2019 Mar;111(3):473-474. doi: 10.1016/j.fertnstert.2019.01.009.

Lindheim SR, Madeira JL, Bagavath B, and Petrozza J. Social Media and Essure Hysteroscopic Sterilization: A Perfect Storm. *Fertil Steril*. 2019 Apr 28. pii: S0015-0282(19)30252-3. doi: 10.1016/j.fertnstert.2019.03.009. [Epub ahead of print]

Mejia R, Kresowik J, Bates, W Jr, Legro R, Hoeger K, and **Lindheim SR**. May 2019: Fertility Sterility Journal Club Global. "A Randomized Controlled Trial of Combination Letrozole and Clomiphene Citrate or Letrozole Alone for Ovulation Induction in Women with Polycystic Ovary Syndrome." <https://www.fertstertdialog.com/channels/1463-journal-club-global/posts/48739-may-2019-the-novel-use-of-combination-of-letrozole-and-clomid-to-induce-ovulation>.

Ludwin A, Martins WP, Bala B, **Lindheim SR**. "Over Diagnosis-Over Detection-Over Definition" of the Septate Uterus: A Needed Relook at ASRM and ESHRE-ESGE Criteria (*Fertil Steril*, 2019).

PUBLICATIONS

Papers in refereed journals con't:

Lindheim SR. A Look into the Past and Where We Are Now: "The Medical Treatment of Unruptured Ectopic Pregnancy with Methotrexate and Citrovorum Rescue: Preliminary Experience". (*Fertil Steril*, 2019).

Lindheim SR, Glenn TL, Smith MC, Gagneux P. Ovulation Induction for the General Gynecologist. *J Obstet Gynaecol India*. 2018 Aug;68(4):242-252. doi: 10.1007/s13224-018-1130-8.

Ludwin A, Ludwin I, Bala B, Martins WP, **Lindheim SR.** Pre-, Intra-, and Postoperative Management of Robert's Uterus. *Fertility Sterility*, 2018 2018 Sept;110(4):778-779. doi: 10.1016/j.fertnstert.2018.05.033.

Lindheim SR, Lincenberg K, Wood MA, Kemner E, Burns MK, **Hood DL, Maxwell RA.** Lee M. The Impact of Histologic Tissue Effects using Hysteroscopic Morcellation for Benign and Cancerous Endometrial Pathology: An *Ex Vivo* Study. *J Obstet Gynecol India* (2018). <https://doi.org/10.1007/s13224-018-1177-6>.

Lindheim SR and Klock S. Oocyte Donation: Lessons from the Past, Directions for the Future. *Fertil Steril*, 2018 Nov;110(6):979-980. doi: 10.1016/j.fertnstert.2018.09.019.

Ludwin A, Ludwin I, Bala B, Martins WP, **Lindheim SR.** Virginity Sparing Management of Blind Hemi-Vagina in Obstructed Hemivagina and Ipsilateral Renal Anomaly Syndrome. *Fertility Sterility*, 2018 Oct;110(5):976-978. doi: 10.1016/j.fertnstert.2018.07.007.

Smith BM, Duncan FE, Smith K, Gracia C, Jeruss JS, **Lindheim SR,** Moravek MB, Nahata L, Orwig K, Smith JF, Su HI, Valli-Pulaski H, Vitek W, Zelinski MB, Grover AR, Pavone ME, Woodruff TK. The Oncofertility Consortium's National Physicians Cooperative: Transforming Fertility Management in the Cancer Setting. *Future Oncol*. 2018 Nov 26. doi: 10.2217/fo-2018-0278.

Klock S, **Lindheim SR.** "Mater Semper Certa Est -"Motherhood is Always Certain". *Fertil Steril*, 2018;110:1185-6.

Yaqiong HE, Yao LU, **Lindheim SR,** Qinling ZHU, Yuan WANG, Jia QI, Xiaoxue LI, Ying DING, Yuhua SHI, Daimin WEI, Zi-jiang CHEN, Yun SUN. Influence of Metabolic Syndrome on Female Fertility and In Vitro Fertilization Outcomes in PCOS Women. *Am J Obstet Gynecol*. 2019 Mar 22. pii: S0002-9378(19)30489-2. doi: 10.1016/j.ajog.2019.03.011.

Zhang T, Madeira J, Lu Y, Sun Y, Mertes H, Pennings G, **Lindheim SR.** Expanded Genetic Carrier Screening in Clinical Practice: Review of Technology, Guidelines, Implementation Challenges, and Ethical Quandries. *Clin Obstet Gynecol*. 2019 Mar 22. doi: 10.1097/GRF.0000000000000437.

Ludwin, A, Inga Ludwin I, Marcela A. Coelho Neto MAC, Nastri CO, **Lindheim SR,** Martins WP. Septate Uterus by Updated ESHRE-ESGE, ASRM and CUME Definitions: Association with Infertility, Previous Miscarriage, and Associated Costs. 2019 Apr 11. doi: 10.1002/uog.20291. [Epub ahead of print]

Lindheim S, Glenn T, Gagneux P, **Maxwell R, Yaklic JL, Findley A,** Bhagavath B. Current Challenges in the Diagnosis of Deep Infiltrating Endometriosis. *Andrology & Gynecology: Current Research [Androl Gynecol: Curr Res]*. 2018, 6:1. doi: 10.4172/2327-4360.1000162.

Luong E, Madeira JL, Lee M, Parry JP, Provoost V, Pennings G, **Lindheim SR.** The Fate of Supernumerary Cryopreserved Embryos: Insights into Patients' Disposition. (In press, *J Reprod Med*, 2019).

Bowman MA, **Maxwell RA.** A Beginner's Guide to Avoiding Protected Health Information Issues in Clinical Research with How To's in REDCap Data Management Software. *Journal of Biomedical Informatics*, 2018, 85, 49-55.

PUBLICATIONS

Papers in refereed journals con't:

Mosher TM, Zygmunt D, Koboldt D, Kelly B, Johnson L, **McKenna D**, Hood B, Hickey B, White P, Wilson R, Martin PT, McBride K. Expansion of B4GALT7 linkeropathy Phenotype to Include Perinatal Lethal Skeletal Dysplasia. *E J Hum Gen*. 2019. In press.

Chauhan SP1, Weiner SJ, Saade GR, Belfort MA, Reddy UM, Thorp JM Jr, Tita ATN, Miller RS, Dinsmoor MJ, **McKenna DS**, Stetzer B, Rouse DJ, Gibbs RS, El-Sayed YY, Sorokin Y, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Intrapartum Fetal Heart Rate Tracing Among Small-for-Gestational Age Compared with Appropriate-for-Gestational-Age Neonates. *Obstet Gynecol*. 2018 Oct;132(4):1019-1025.

Kovacs P, Simpson S, **O'Leary K, Maxwell RA, Lindheim SR**. Shortened Length of Stimulation is Associated with Adverse IVF Outcomes. *Journal of Gynecology & Reproductive Medicine*, 2018; 2(1):1-6.

Madeira JL, **Rehbein J**, Christiansen M, Lee M, Parry JP, Penning G, **Lindheim SR**. Improving IUI and IVF Informed Consent through EngagedMD Multimedia Platform. *Fertil Steril*, 2018 Dec;110(7):1338-1346. doi: 10.1016/j.fertnstert.2018.08.045.

Sonek J, Krantz D, Carmichael J, Downing C, **Jessup K, Haidar Z**, Ho S, Hallahan T, Kliman, **McKenna D**. First-Trimester Screening for Early and Late Preeclampsia using Maternal Characteristics, Biomarkers, and Estimated Placental Volume. *Am J Obstet Gynecol*. 2018 Jan;218(1):126.e1-126.e13.

Bahado-Singh, **Sonek J, McKenna D, Cool D**, Aydas B, Turkoglu O, Bjorndahl T, Mandal R, Wishart D, Friedman P, Graham SF, Yilmaz A. Artificial Intelligence and Amniotic Fluid Multiomics Analysis: The Prediction of Perinatal Outcome in Asymptomatic Short Cervix. *Ultrasound Obstet Gynecol*. 2018 Oct 31.

Towers GD, Ng L, Maxwell RA, Madison S, Yaklic JL. Vaginal Laceration During Barium Enema with Extraperitoneal Extravasation: Case Report and Literature Review. *Radiology Case Reports*. 2019 April; 14(7): 851-857. doi:10.1016/j.radcr.2019.04.017

Pereira N, **Wood M, Luong E, Briggs A, Galloway M, Maxwell R, Lindheim SR**. Expanded Genetic Carrier Screening in Clinical Practice: A Current Survey of Patient Impressions and Attitudes. *J Assist Reprod Genet*, 2019 Apr;36(4); 709-716.

Pereira N, **Wood M, Luong E, Briggs A, Galloway M, Maxwell RA, Lindheim SR**. Expanded Genetic Carrier Screening: A Current Survey of Patient Utilization and Attitudes *J Assist Reprod Genet*. 2019 Feb 13. doi: 10.1007/s10815-019-01414-z.

Wood MA, Kerrigan KL, Burns MK, **Glenn TL**, Ludwin A, Christianson MS, Bhagavath B, **Lindheim SR**. Overcoming the Challenging Cervix: Identification and Techniques to Access the Uterine Cavity. *Obstet Gynecol Surv*. 2018 Nov;73(11):641-649. doi: 10.1097/OGX.0000000000000614.

Published Abstracts

Hawkins A, Maxwell R, Lindheim SR. The Impact of Maternal Obesity on Outcomes of Preterm Infants. 2018 Armed Forces District Annual Meeting, Orlando, FL, October 2018.

Lindheim SR, Glenn T, Obiako O, Madeira J, Pereira N, Mertes H, Pennings G. Preliminary Findings of REI Providers' Utilization and Attitudes Towards Expanded Preconception Genetic Screening (ECS) for Third-Party Gamete Donors. Presented at the 34th European Society of Human Reproduction and Embryology, Barcelona Spain, July 2018 and 2018 Armed Forces District Annual Meeting, Orlando, FL, October 2018.

Published Abstracts con't:

Parry JP, Thomas MC, Estes S, Butler V, Dorman L, **Lindheim SR**. Gentle Hysteroscopic Insemination for Extreme Vaginismus. Presented at the 74th American Society of Reproductive Medicine, Denver, CO, October 2018.

Chase T, Shah D, Parry JP, Bhagavath B, **Lindheim SR**, Petrozza J, Pfeifer S, Estes S. Surgical Simulation Supplements REI Fellowship Training. Submitted to the 75th American Society of Reproductive Medicine, Philadelphia, PA, October 2019.

Hutchcraft ML, McCracken K, Whiteside S, Caldwell M, Lustberg M, **Lindheim SR**, Nahata L, Appiah LC. Considerations in Emergency Fertility Preservation for Hodgkin Lymphoma: A Case Series. Presented at the 2019 Oncofertility Conference: Optimizing Outcomes in Fertility and Reproductive Health, Columbus, Ohio, May 2019 and Submitted to the 75th American Society of Reproductive Medicine, Philadelphia, PA, October 2019.

Madison S, Lo N, Maxwell R, Galloway M, Massengill J. Performance on the Obstetrics and Gynecology In-Training Examination After Implementation of a New Curriculum (2018) *Obstet Gynecol*: 131:164S – 165S.

Watters J, Koelmoos T, **Massengill J**, Peterson S, Staat B. Postpartum Opioid Use Among Military Health System Beneficiaries: Lessons for the Nation (2019) *Obstet Gynecol* 133: 196S.

Massengill J. Updates on Military Women's Health - The Impact of Safe Passages Training on The Incidence of Perineal Trauma During Childbirth. 2019 Military Health System Research Symposium (MHSRS), 19-22 August 2019.

Smith M, Ho J, Ma L, Lee M, Czerwinski SA, **Glenn T, Cool DR**, Stanczyk F, **Lindheim SR**. Is Anti-Mullerian Hormone (AMH) Really Just a Number? Longitudinal AMH and Its Correlation with Pubertal Milestones. Presented at the 74th American Society of Reproductive Medicine, Denver, CO, October, 2018.

Smith M, Ho JR, Ma L, Lee M, Czwerwinski SA, **Glenn T, Cool DR**, Gagneux P, Stanczyk, **Lindheim SR**. Does Anti-Mullerian Hormone (AMH) Predict Biochemical Hyperandrogenism, Oligo-anovulation (OA), Metabolic Dysfunction (MD), and Metabolic Syndrome (MetS)? Results from a Longitudinal Study. (Presented at the 66th Pacific Coast Reproductive Society, Palm Springs, CA, 2019).

Wood M, Luong E, Yaklic J, Maxwell R, Winter T, **Lindheim S**. Saline-Air-HyCoSy Is Equivalent to the Modified HSG Following Hysteroscopic Sterilization. *Obstetrics and Gynecology* 133:143S, May 2019.

Books/Chapters/Reviews

Coyne K, Lindheim SR. Adhesions in Reproductive Surgery: Treatment and Prevention. (In *Reproductive Surgery: The Society of Reproductive Surgeons Manual*. Goldberg J, Nezhat C, & Sandlow J (Eds.) Cambridge: Cambridge University Press, doi:10.1017/9781108150064.

Glenn T, Lindheim SR. Intralipid Infusions and other Immunotherapies. (In, The Textbook of Assisted Reproduction, Ata, Allahbadia, Bagavath, Lindheim, and Woodward, eds. Springer, in preparation, 2019).

Salih S, Havemann LM, **Lindheim SR**. HLA Typing in ART. (In, The Textbook of Assisted Reproduction, Ata, Allahbadia, Bagavath, Lindheim, and Woodward, eds. Springer, in preparation, 2019).

Lindheim SR, Lu Y, Sun Y, Christianson, M, Ludwin A. Assessment of the Endometrial Cavity in the Patient with Infertility. (In, The Textbook of Reproductive Surgery, Nezhat and Nezhat, eds. Springer, in preparation, 2019).

Books/Chapters/Reviews con't:

Massengill J, Morocco K, Wright J, Vanderpas S. Emergency War Surgery (5th revision) Chapter 19: Gynecological Trauma and Emergencies. The Borden Institute, US Army Medical Department, Walter Reed National Military Medical Center, Bethesda, Maryland (2018).

Smith M, Lindheim SR. ART After Organ Transplants. (In, The Textbook of Assisted Reproduction, Ata, Allahbadia, Bagavath, Lindheim, and Woodward, eds. Springer, in preparation, 2019).

Welsh S, Lindheim SR. Obesity and ART. (In, The Textbook of Assisted Reproduction, Ata, Allahbadia, Bagavath, Lindheim, and Woodward, eds. Springer, in preparation, 2019).

Significant presentations

Andarsio E, Remen, Thomas M, Fonken L. Healer's Art and Power of Nursing Faculty Development Workshop, Healer's Art and PON Faculty Development Workshop, Mills Park Hotel, Yellow Springs, Ohio Date: July 18-22, 2018.

Andarsio E. Healer's Art Course for Dayton Children's Hospital/Wright-Patterson Air Force Base Pediatric Residents, Grief and Loss, Dayton Children's Hospital – Ronald McDonald House, Jul 2018.

Andarsio E. Finding Meaning in Medicine Training for Dayton Children's Hospital/Wright-Patterson Air Force Base Pediatric Faculty, Aug 2018.

Andarsio E. Healer's Art Course for Dayton Children's Hospital/Wright-Patterson Air Force Base Pediatric Residents, Mystery and Awe, Dayton Children's Hospital – Ronald McDonald House, Jul 2018.

Andarsio E. Healer's Art Course for Dayton Children's Hospital/Wright-Patterson Air Force Base Pediatric Residents, Service as a Way of Life, Dayton Children's Hospital – Ronald McDonald House, Sep 2018.

Andarsio E. Healer's Art Approach – Maintaining Meaning and Values Throughout the Clinician's Life Cycle to Promote Well-Being and Resiliency, The Inaugural National Summit on Promoting Well-Being and Resiliency in Healthcare Providers, Ohio State University, Sep 2018.

Andarsio, E. Finding Meaning in Medicine, Kettering Medical Center Medical Staff Dinner Meeting, University of Dayton, Oct 2018.

Andarsio E, Burke A, Lader M. WSU-BSOM Pediatric Residency Program's Experience with the Healer's Art Course, Dayton Area Graduate Medical Education (DAGMEC) Wellness Residency Forum, Dayton, OH, Oct 2018.

Andarsio E, Staats J. RISHI Exhibit, Association of American Medical Colleges Annual Meeting, Austin, TX, Nov 2018.

Andarsio, E. Women Physician Burnout and Resiliency, WSU/BSOM Women in Surgery Luncheon and Panel (In conjunction with the Association of Women Surgeons Dayton Chapter) Keynote Address, Miami Valley Hospital, Dayton, OH, Nov 2018.

Andarsio, E. Finding Meaning in Medicine, Saint Rita's Medical Center, Lima, OH, Nov 2018.

Andarsio E. Mid-Atlantic Permanente Medical Group (MAPMG) – Tending the Flame Program Webinars and Coaching Call

Andarsio, E. RISHI Presentation and Discussion with Dr. Kirsch (President and CEO Emeritus of the Association of American Medical Colleges (AAMC)& Dean Margaret Dunn, Boonshoft School of Medicine, Mar 2019.

Significant presentations con't:

Andarsio E. A Program's Experience with Healer's Art: Fostering Compassionate Healing and Human Connection, Association of Pediatric Program Director's (APPD) 2019 Annual Spring Meeting New Orleans, Louisiana, Mar 2019

Andarsio E, Remen. MEANING AS SELF CARE: An introduction to Discovery Model Education as a Tool in Resiliency, KAISER NORTHERN CALIFORNIA RETREAT DAY, Oakland, CA, Apr 2019.

Andarsio E, Lloyd r, Kreger C. The Wounded Healer: Exploring Compassion & Empathy for Self and Others in Health Care, **RISHI** Clinician Well-Being Retreat, Yellow Springs, OH, Apr 2019.

Andarsio E, Remen, Lloyd R, Thomas M. TENDING THE FLAME: A Workshop in Innovative Self-Care for Strengthening Resiliency and Finding Joy and Meaning in Work, **RISHI** Training Workshop, Yellow Springs, OH, Apr 2019.

Andarsio E. Addressing the Importance of Physician Well-Being and Resiliency: The Connection to Community and Finding Meaning in Medicine, Miami Valley Academy of Family Practice 25th Annual CME Program, Sinclair Ponitz Center, Dayton, OH, May 2019.

Andarsio E. **RISHI** - Physician Burnout/Resiliency, Dayton Area Graduate Medical Education Community (DAGMEC) Chief Resident Workshop, E.J. Nutter Center Berry Room, Dayton, Ohio May 2019.

Andarsio E. FINDING MEANING IN MEDICINE: Meaning, Medicine, and Resiliency, Mid-Atlantic Permanente Medical Group (MAPMG) – Wellness Weekend Retreat, June 2019.

Andarsio E. Discovering and Nurturing Your Wholeness, Healer's Art Course for Dayton Children's Hospital/Wright-Patterson Air Force Base Pediatric Residents, Dayton Children's Hospital, June 2019.

Harris AL, Sacha CR, James K, Yeh J, Souter IC, Roberts DJ. Trophoblast Biopsy May be Associated with Increased Risk of Anatomic and Vascular Placental Pathology. Poster presentation at *European Society of Human Reproduction and Embryology* Annual Conference, Vienna, Austria, June 2019.

Harris AM, Basnet KM, Sacha CR, James K, Yeh J, Roberts DJ, Toth TL. The Impact of the Number of Embryos Transferred on Placental Morphology. Poster presentation at American Society of Reproductive Medicine Scientific Congress, Denver CO, October 2018.

Sacha CR, Basnet KM, **Harris AM,** James K, Roberts DJ, Toth TL. The Effect of Obesity on Placental Morphology in IVF Pregnancies. Poster presentation at American Society of Reproductive Medicine Scientific Congress, Denver CO, October 2018.

Sacha CR, Basnet KM, **Harris AM,** James K, Roberts DJ, Toth TL. Does Placental Morphology differ by race in IVF Pregnancies? Poster presentation at American Society of Reproductive Medicine Scientific Congress, Denver CO, October 2018.

Lee AM (Harris), Basnet K, Sacha CR, James K, Roberts DJ. The Effect of Embryo Cryopreservation on Placental Morphology. Poster presentation at Pacific Coast Reproductive Society Annual Meeting, Indian Wells CA, March 2018.

Sacha CR, Basnet K, **Lee AM (Harris),** James K, Roberts DJ. Advanced Maternal Age May Impact Morphology in IVF Pregnancies. Poster presentation at Pacific Coast Reproductive Society Annual Meeting, Indian Wells CA, March 2018

Kindig M, Royle S, Fredrick A, Maxwell RA. Multi-Faceted Aspects of Addiction in Pregnancy: A Case Series. Ohio Infant Mortality Summit 2018, Cincinnati OH.

Significant presentations con't:

Kindig M. Perioperative Pain Management in Patients with Narcotic Abuse. Miami Valley Anesthesia Department, September 2018

Kindig M. Grand Rounds: Surgery Department Kettering Health Network, Addiction and Pain control. 2018

Lincenberg K, Kemner E, Hood D, Yaklic JL, Maxwell RA, Lindheim SR. The Impact of Histologic Tissue Effects Using Hysteroscopic Morcellation For Benign and Cancerous Endometrial Pathology: An Ex Vivo Study. ACOG Annual Clinical and Scientific Meeting, San Antonio, TX, May 2018

Lindheim SR. 51st Annual ASRM-SRS Co-Director Postgraduate Program, Denver, CO October 2018: "Hands-On Hysteroscopy and Laparoscopy Course".

Lindheim SR. 51st Annual ASRM-SRS Postgraduate Program, Denver, CO October 2018: "Managing the Difficult Cervix and Intrauterine Adhesions".

Lindheim SR. 51st Annual ASRM-SRS Postgraduate Program, Denver, CO October 2018: "Office Hysteroscopy".

Lindheim SR. 51st Annual ASRM Scientific Congress, Moderator for Oral Abstract Denver, CO October 2018.

Lindheim SR. International Doctor Salon on Diversity, Professionalism, Openness: Shanghai International Service, Shanghai, China, October 2019: "Medical Professionalism and Enculturation of the Millennial Physician: A Meeting of the Minds"

Lindheim SR. 2019 Co-Director for Society Reproductive Surgeons-Society Reproductive Endocrine Infertility, Houston, TX, January 2019: "Surgical Boot Camp for Reproductive Endocrine infertility Fellows".

Lindheim SR. 52nd Annual ASRM-SRS Director for Postgraduate Program, Philadelphia, PA, October: 2019: "Tricks and Pearls for Advanced Stick-Robotic Assisted Laparoscopy and Hysteroscopy for the Reproductive Surgeon: Hands on Cadaver and Simulation Training".

Lindheim SR. 2019 IFFS 23rd International Union for Reproductive Society for Reproductive Medicine and the Fifth Pujiang Forum, Shanghai, China, 2019: "Informed Consent: Getting Rid of The Paper Trail".

Watters J, Koelmoos T, **Massengill J**, Peterson S, Staat B. Postpartum Opioid Use Among Military Health System Beneficiaries. Annual Clinical and Scientific Meeting, ACOG, Nashville, Tennessee, May 2019.

Watters J, Banaag A, **Massengill J**, Petersen S, Koehlmoos T, Staat B. Risks of Continued Postpartum Opioid Use in Opioid Naïve Patients in Direct and Purchased Care. Annual District Meeting, Armed Forces District, ACOG, Honolulu, Hawaii, September 2018.

Watters J, Banaag A, **Massengill J**, Petersen S, Koehlmoos T, Staat B. Characteristics of Opioid Use in Direct and Purchased Care in the Postpartum Period. Annual District Meeting, Armed Forces District, ACOG, Honolulu, Hawaii, September 2018.

Massengill J. Are you Smarter Than a Junior Fellow – 2.0. Annual Clinical and Scientific Meeting, ACOG, Nashville, Tennessee, May 2019

Massengill J. Women's Health in the Humanitarian/Deployed Environment. USAF School of Aerospace Medicine (USAFSAM) Global Health Symposium, Dayton, Ohio, February 2019

Significant presentations con't:

Massengill J. Operative Management of Obstetric Hemorrhage Course, San Antonio, Texas, September 2018 (Invited Faculty)

Massengill, J. Instructor - Emergencies in Clinical Obstetrics (ECO), ACOG-ACM, Nashville, TN

Massengill J. Air Force Medical Service Obstetric Patient Safety and Critical Care Course, San Antonio, Texas, September 2018 (Invited Faculty)

Watters J, Koelmoos T, **Massengill J**, Peterson S, Staat B. Postpartum Opioid Use Among Military Health System Beneficiaries. Resident Research Day, WRNMMC, Bethesda, Maryland, May 2019

Maxwell R, Hume P, Caldwell V, Erikson A, **Bootes A**, Robinson S, McFarlane-EI G, **Yaklic J**. Healthy Start Initiative - Eliminating Disparities in Perinatal Health Program: A Preliminary Examination of Our First Year – Five Rivers Health Centers, Dayton, OH. Ohio Infant Mortality Summit, Cincinnati OH, December 2018

Talbot GT, Maxwell RA, Fredrick A, Yaklic JL, Williamson B, Zust C. Understanding the Role of Hope in Overcoming Barriers to Prenatal Care. Ohio Infant Mortality Summit, Cincinnati OH, December 2018

Wood M, Luong E, Yaklic JL, Maxwell RA, Winter T, **Lindheim SR**. Saline-Air-HyCoSy is Equivalent to the Modified Hysterosalpingogram Following Hysteroscopic Sterilization. ACOG Annual Meeting, Nashville May 2019.

Erekson ED, Morgan D, Danford J, Strohhahn K, Swift S, Cundiff G, Willis-Gray M, Adam R, **Yaklic J**, Whitcomb E. The AUGS Quality Improvement and Outcomes Research Network. The Quality in Anti-Incontinence Surgery. Oral presentation at: AUGS Pelvic Floor Disorders (PFD) Week. October 2018. Chicago, IL.

Consultantships

Dr. Lindheim

Cooper Surgical (Advisor)
Bioethics Law Institute (Advisor)
Progenity (Advisor)
CrossBay™ Medical (Advisor)

Dr. Maxwell

Evaluator, Five Rivers Health Centers Healthy Start HRSA grant (renewal) (\$15,000)
Evaluator, Five Rivers Health Centers Healthy Start HRSA grant (\$7,000)

Dr. Yaklic

AbbVie Pharmaceuticals (Speakers Bureau – Orilissa)
Medtronic (InterStim preceptor)
Merck (Nexplanon Trainer)

Editorial Boards:

Dr. Galloway

Journal of Gynecologic Research Editorial Board

Editorial Boards con't:

Dr. Lindheim

Associate Editor, Fertility and Sterility
Editorial Board, World Journal of Medical Genetics
Editorial Board, Andrology & Gynecology Current Research, SciTechnology, USA
Editorial Board, Women's Health-Open Journal
Editorial Board, Journal of Gynecology and Obstetrics Medicine
Editorial Board, Journal of Obstetrics and Gynecology of India
Ad hoc Reviewer, American Journal of Obstetrics and Gynecology
Ad hoc Reviewer, European Journal of Obstetrics Gynecological Reproductive Biology
Ad hoc Reviewer, Human Reproduction
Ad hoc Reviewer, International Journal of Obesity
Ad hoc Reviewer, Journal of Assisted Reproduction and Genetics
Ad hoc Reviewer, Journal of Clinical Ultrasound
Ad hoc Reviewer, Journal of Obstetric Gynecology Research
Ad hoc Reviewer, Journal of Reproductive Medicine
Ad hoc Reviewer, PLOS-One
Ad hoc Reviewer, Systems Biology in Reproductive Medicine
Ad hoc Reviewer, US Obstetrics and Gynecology
Ad hoc Reviewer, Reproductive Biology and Endocrinology
Ad hoc Reviewer, Obstetrics & Gynecology
Ad hoc Reviewer, Obstetrics and Gynecology Case Reviews

Dr. Massengill

Reviewer, Journal peer reviewer, Medical Surveillance Monthly Report (MSMR), Armed Forces Health Surveillance Branch (AFHSB)
Reviewer, Obstetrics & Gynecology
Reviewer, Female Pelvic Medicine & Reconstructive Surgery

Dr. Maxwell

Reviewer, Austin Gynecology Case Reports

Dr. McKenna

Reviewer, American Journal of Obstetrics and Gynecology.
Reviewer, Obstetrics and Gynecology.
Reviewer, Journal of Reproductive Medicine.
Reviewer, Gynecologic and Obstetric Investigation

Abstract Reviewer:

Dr. Galloway

American Congress of Obstetrics and Gynecology (ACOG) National Meeting, Scientific Review
CREOG Annual Meeting Scientific Abstract reviewer

Dr. Lindheim

The Society of Gynecologic Investigators
The American Society Reproductive Medicine

Dr. McKenna

Society for Maternal Fetal Medicine Annual Meeting.

FUNDED GRANTS

Kindig (Sub-I) An Interactive Study for Cultural Proficiency Training Featuring Virtual Reality Immersion – PI Hershberger.

Kindig (PI) - Lindheim, Maxwell, Yaklic (Sub-I) Evaluation of Vitamin D with and Without Hormonal contraception on Sexual Function in Women with Polycystic Ovary Syndrome (Patty Brisben Foundation). 2016-present Funded \$69,100.

Lindheim (PI) - Yaklic (Sub-I): Can Contrast Infused Sonography Using Air Bubbles Replace Hysterosalpingogram as the Diagnostic Evaluation of Fallopian Tube Patency Following Hysteroscopic Sterilization Using Essure™? Bayer (2015-present) Funded \$110,417.

Yaklic (PI) - Maxwell (Sub-I): American Urogynecologic Society (AUGS) Quality Improvement and Outcomes Research Network. Quality in Prolapse Surgery (QuIPS) & Quality in Anti-Incontinence Surgery (QuAIIIS) projects. 2015 – present. (Total Funding: \$4,350).

Clinical Trials

D’Amato (PI) – Galloway, Kindig, Talbot, Yaklic (Sub-I) Bayer: POET: An Open-Label, Non-Randomized, Prospective Observational Cohort Study to Assess Post-Procedural Outcomes in Two Cohorts of Women Who Chose to Undergo Either Hysteroscopic Sterilization (Essure®) or Laparoscopic Sterilization (Active) (\$237,395).

Galloway (PI) – Kindig, Talbot and Yaklic (Sub-I) MyoVant: Liberty1: An International Phase 3 Randomized, Double-blind, Placebo-Controlled Efficacy and Safety Study to Evaluate Relugolix Co-Administered with and without Low-Dose Estradiol and Norethindrone Acetate in Women with Heavy Menstrual Bleeding Associated with Uterine Fibroids (Active) (\$231,600).

Galloway (PI) – Kindig, Talbot and Yaklic (Sub-I) MyoVant: Spirit2: An International Phase 3 Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study to Evaluate Relugolix Administered with and without Low-Dose Estradiol and Norethindrone Acetate in Women with Endometriosis-Associated Pain ((Active) (\$96,700).

Kindig (PI) – Barhan, D’Amato, Yaklic, Talbot, Towers (Sub-I) A Phase 3 Multicenter, Randomized, Double-Blind, Placebo-Controlled, Clinical Study to Assess the Efficacy and Safety of Linzagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain (ObsEva - Edelweiss 2) (\$107,985)

Talbot (PI) - Barhan, Kindig, Yaklic (Sub-I) AbbVie (M12-815): A Phase 3 Study to Evaluate the Efficacy and Safety of Elagolix in Combination with Estradiol/Norethindrone Acetate for the Management of Heavy Menstrual Bleeding Associated with Uterine Fibroids in Premenopausal Women (Active) (\$1,740,000)

Talbot (PI) – Yaklic, Galloway, Barhan, D’Amato, Kindig (Sub-I) AbbVie: Equinox: A Phase 3 Study to Evaluate the Safety and Efficacy of Elagolix in Combination with Estradiol/Norethindrone Acetate in Subjects with Moderate to Severe Endometriosis Associated Pain (Active) (\$1,425,000).

Yaklic (PI) – Kindig, Galloway, Talbot (Sub-I) Bayer: Asteroid6: An Open-Label, Parallel-Group, Randomized, Multicenter Study to Assess the Safety and Efficacy of Vilaprisan in Subjects with Uterine Fibroids Versus Standard of Care (Active) (\$163,760)

6 Summary of Service Activities

Committee Membership / Officer:

Wright State University

Institutional Review Board (IRB) Committee Member, **(Dr. D'Amato)**

Research Committee, Office of Research Affairs **(Dr. Maxwell)**

WSU/Boonshoft School of Medicine

Associate Dean for Clinical Affairs **(Dr. Yaklic)**

Executive Committee **(Dr. Yaklic)**

Ob/Gyn Career Advising **(Drs. Barhan, Talbot and Yaklic)**

Dept Ob/Gyn Clinical Competency Committee **(Dr. Barhan, Kemner, Lo, Massengill, Maxwell, McKenna, Nagy, Towers, Yaklic)**

Dept Ob/Gyn Education Committee **(Dr. Barhan, Harris, Lo, Massengill, McKenna, Nagy, Nguyen, Talbot, Towers, Tomkins, Yaklic)**

Dept OB/Gyn Faculty Actions Committee **(Dr. Barhan – Chair, Dr. Nahhas, Dr. Lindheim, Dr. Brown, Dr. Galloway)**

Dept of Ob/Gyn Continuing Education Committee **(Dr. Barhan, Talbot, Dr. Towers)**

Bylaws Committee **(Dr. Barhan)**

Doctoring Committee **(Dr. Barhan)**

Curriculum Committee **(Dr. Kindig)**

WSU/BSOM REDCap Administrator **(Dr. Maxwell)**

Medical Student Research Forum – Judge **(Dr. Maxwell)**

Clinical Research Track, Medical Student Scholarly Projects Committee – Co-Chair **(Dr. Maxwell)**

Graduate Medical Education Committee Executive Committee **(Dr. Talbot)**

Continuing Education Committee **(Dr. Towers)**

Nominating Committee **(Dr. Towers)**

Physician Leadership Development Program Advisory Board **(Dr. Yaklic)**

BSOM Research Task Force **(Dr. Yaklic, Dr. Maxwell)**

Wright State Physicians

President, WSP – **(Dr. Yaklic)**

Board of Directors – **(Dr. Yaklic)**

Management Committee **(Dr. Yaklic – Chair)**

Finance Committee **(Dr. Yaklic)**

Clinical Chairs Committee **(Dr. Yaklic)**

Medical Director WSP Ob/Gyn **(Dr. D'Amato)**

Premier Health Partners

Medical Student Documentation Task Force **(Drs. Barhan, Yaklic)**

Obstetric Safety Committee **(Drs. Galloway, McKenna)**

Women's Health Institute – Ob/Gyn Service Line **(Dr. Yaklic – Vice Chair, Dr. D'Amato)**

Committee Membership / Officer con't:

Miami Valley Hospital

Vice Chair, MVH Department of OB/GYN (**Dr. Towers**)

Perinatal Morbidity and Mortality Committee (**Drs. Barhan, Duke, Findley, Galloway, Lindheim, Massengill, McKenna, Nahhas, Talbot, Yaklic**)

Medical Staff Quality Committee (MSQC) (**Drs. Barhan, Galloway – Chair**)

Department of Surgical Services Committee (DOSS) (**Drs. Galloway, Towers**)

Physician Wellness Committee (**Dr. Galloway**)

Medical Executive Committee (**Dr. Galloway**)

Gyn Morbidity and Mortality (**Dr. Galloway**)

Maternal Morbidity and Mortality (**Dr. Galloway**)

Gyn Robotic Committee (**Dr. Galloway**)

OB/Gyn Staff Committee (**Dr. Galloway**)

Member, Miami Valley Hospital Human Investigations Research Committee (HIRC) (**Dr. Maxwell**)

OB Safety Committee (Member) (**Dr Talbot**)

Robotics Committee (Member) (**Dr. Talbot**)

Medical Staff Quality Committee (**Dr. Towers**)

Surgical Site Infection Prevention Committee (**Dr. Yaklic**)

Bylaws Committee (**Dr. Yaklic – Chair**)

Wright Patterson Medical Center

Executive Committee of the Medical Staff (ECOMS) 88th, MDG (**Dr. Massengill**)

Perinatal Safety Council (**Dr. Massengill – Chair**)

Expanded Executive Staff Committee Member (**Dr. Massengill**)

Pharmacy and Therapeutics Committee (**Dr. Nagy**)

Antimicrobial Stewardship Committee (**Dr. Nagy**)

Cancer Liaison physician for the Commission on Cancer (**Dr. Ore**)

Chair of the Tissue and Transfusion Committee (**Dr. Ore**)

Five Rivers Health Centers

Site Medical Director - Five Rivers Health Centers Center for Women's Health (**Dr. Talbot**)

Other

March of Dimes Dayton Market Advisory Board (**Dr. Galloway**)

DAGMEC Virginia Woods Resident Research Forum – Judge (**Dr. Maxwell**)

Committee - Strategic Focus Area 1: Improving Health Equity, Addressing Social Determinants of Health and Eliminating Racism member (**Dr. Maxwell**)

Ohio Collaborative to Prevent Infant Mortality (**Drs. Maxwell and McKenna**)

Member and Physician Team Lead, Montgomery County Infant Mortality Coalition (**Dr. McKenna**)

Obstetrical Team Physician Lead, Ohio Perinatal Quality Collaborative, Miami Valley Hospital, Dayton OH (**Dr. McKenna**)

Expert Reviewer for Obstetrics and Gynecology, Air Force Malpractice Review Board (**Dr. Massengill**)

Casualty Notification Team Member (**Dr. Massengill**)

AF Material Command Women's Leadership Symposium Planning Committee (**Dr. Nagy**)

Dayton Area Graduate Medical Education Committee member (**Dr. Talbot**)

Professional Societies

National

American College of Obstetricians and Gynecologists (ACOG) (**Drs. Abbott, Barhan, Galloway, Harris, Lindheim, Lo, Madison, Massengill, Nagy, Nahhas, Nguyen, Talbot, Towers, Yaklic**)
Liaison for Women Faculty to the AAMC (**Dr. Barhan**)
Association of Professors in Gynecology and Obstetrics (**Drs. Barhan and Galloway**)
American College of Osteopathic Obstetricians and Gynecologists (ACOOG), (**Dr. D'Amato & Dr. Kindig**)
American Osteopathic Association (AOA), (**Dr. D'Amato, Dr. Galloway and Dr. Kindig**)
Society of Robotic Surgery (**Dr. Galloway**)
Society of Academic Specialists in General Obstetrics and Gynecology (SASGOG), Scientific Program Committee (**Dr. Galloway**)
American Association of Gynecologic Laparoscopist (AAGL) (**Dr. Galloway and Harris**)
Pacific Coast Reproductive Society (**Dr. Harris**)
Society of Reproductive Investigations (**Dr. Harris**)
American Society of Reproductive Medicine (**Drs. Harris, Lindheim**)
American College of Physician Executives (**Dr. Lindheim**)
Society for Gynecologic Investigation (**Dr. Lindheim**)
Society for Assisted Reproductive Technology (**Dr. Lindheim**)
The Society for Androgen Excess Disorders (**Dr. Lindheim**)
The Society for Reproductive Endocrinology & Infertility (**Dr. Lindheim**)
American Society for Reproductive Medicine, Undergraduate, Graduate, Medical, and Postgraduate Education Committee, (**Dr. Lindheim**)
Society for Reproductive Surgeons, Board of Directors (**Dr. Lindheim**)
American Society for Reproductive Medicine, Müllerian Anomalies Classification Task Force (**Dr. Lindheim**)
Society Reproductive Surgeons / Society Reproductive Endocrine Infertility, Co-Director REI Fellows Surgical Boot Camp for Reproductive Endocrine Infertility Fellows, Houston, TX (**Dr. Lindheim**)
ACOG Committee on Gynecologic Practice (**Dr. Lindheim**)
American Society for Reproductive Medicine, Video Committee (**Dr. Lindheim**)
Literature Review Committee for Society for Reproductive Surgeons (**Dr. Lindheim**)
American Board of Obstetrics and Gynecology, Oral Board Examiner (**Massengill**)
American Urogynecologic Society (AUGS) (**Drs. Massengill, Miller, Towers, Yaklic**)
ACOG Committee on Continuing Medical Education (**Dr. Massengill**)
ACOG Armed Forces District Advisory Council (**Dr. Massengill**)
ACOG Armed Forces District Section Chair (**Dr. Massengill**)
AUGS Quality Improvement/Outcomes Research Network (**Drs. Maxwell, Towers, Yaklic**)
AOA Medical Honor Society – Life Member (**Dr. Talbot**)
American Medical Association (**Dr. Yaklic**)
Council of University Chairs of Obstetrics & Gynecology (**Dr. Yaklic**)

State and Local

Ohio State Medical Association (**Drs. Barhan, Talbot, Yaklic**)
Ohio Osteopathic Association (**Dr. D'Amato**)
Montgomery County Medical Society (**Dr. Yaklic**)
Dayton OB/Gyn Society (**Drs. Barhan, D'Amato, Findley, Galloway, Harris, Kindig, Lindheim, lo, Madison, Massengill, Nagy, Nahhas, Nguyen, Ore, Yaklic**)

Other

OB/GYN Consultant to the USAF/Surgeon General (**Dr. Massengill**)

7 Patient Care Summary

Outpatient Clinics

Wright State Physicians Ob-Gyn (**Drs. Barhan, D'Amato, Duke, Galloway, Harris, Kindig, Lindheim, Madison, Massengill, Talbot, Towers, Yaklic**)

Five Rivers Health Centers – Center for Women's Health (**Drs. Barhan, D'Amato, Duke, Galloway, Kindig, Lindheim, Madison, Massengill, Talbot, Towers, Yaklic**)

Coleman Behavioral Clinic (**Dr. Kindig**)

Hospital / Inpatient

Miami Valley Hospital (**Drs. Abbott, Barhan, D'Amato, Duke, Findley, Galloway, Harris, Kindig, Lindheim, Madison, Massengill, Nagy, Nahhas, Ore, Talbot, Towers, Yaklic**)

Wright Patterson USAF Medical Center (**Drs. Abbott, Findley, Harris, Lo, Massengill, Nagy, Nguyen, Ore**)

Kettering Medical Center - Gyn Only (**Drs. Barhan, D'Amato, Duke, Findley, Galloway, Kindig, Massengill, Talbot, Towers, Yaklic**)

Dayton Children's Hospital, Gyn Only (**Drs. D'Amato, Madison, Barhan and Yaklic**)

Lima Memorial Hospital (**Dr. Kindig**)

Mercy Health-St. Rita's Medical Center (**Dr. Kindig**)

8 Honors and Awards

Faculty Awards: (presented at June 2019 Resident Graduation)

Association of Professors of Gynecology & Obstetrics (APGO) *Excellence in Teaching Award* (**Dr. Kindig**)

Clinical Faculty Resident Teaching Award (**Dr. Miller**)

Physician Role Model Award (**Dr. Madison**)

Council on Resident Education in Obstetrics and Gynecology (CREOG) *National Faculty Teaching Award* (**Dr. Madison**)

Resident Awards: (presented at June 2019 Resident Graduation)

Phillip K. Champion Award (**Dr. Holland**)

John J. Halki Exemplary Physician Excellence Award (**Dr. Pickrel**)

William A. Nahhas Surgical Excellence Award (**Dr. Benoit**)

Dennis D. Barber Academic Achievement Award (**Dr. Hawkins**)

WSU Academy of Medicine Outstanding Resident 2019 Award (**Dr. Pickrel**)

Resident Research Day Presentation Award (**Dr. Torres-Shafer**)

CREOG Top Score Awards:

R1 Recipient (**Dr. Cook**)

R2 Recipient (**Dr. Gauthier**)

R3 Recipient (**Dr. Salomon**)

R4 Recipient (**Dr. Pickrel**)

Class of 2019 Resident Graduates:

Candace Benoit, MD - Obstetrics & Gynecology South (Kettering, OH)

Tanya Glenn, MD - Yale School of Medicine, REI Fellowship, (New Haven, CT)

Amanda Hawkins, MD - Andrews AFB, (Washington, DC)

Anthony Pickrel, MD - Yokota Air Base, (Tokyo, Japan)

Medical Student Awards:

Nicholas J. Thompson Award (**Stephanie Welsh**) (presented at May 2019 BSOM graduation)

John Halki Award (**Stephanie Welsh**) (presented at Mar 2019 BSOM award ceremony)

Janet Thompson Award (**Brian McMains, Shanice Robinson**)

Jack Gruber Award (**Abigail Bootes, Naa Koppoe**)

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Hosted events [CME, etc.]

May 2019 Resident Research Day

JUDGES

**Ene George, M.D., Nancy Lo, M.D., Geoffrey Towers, M.D., Sheela Barhan, M.D.,
Rose Maxwell, Ph.D.**

PRESENTATIONS

Keshia Torres-Shafer, MD, R3 (**Wiegand**)

A Comparison of Quantified Versus Estimated Blood Lost At the Time of Cesarean Delivery

Trisha Tomkins, MD, R3 (**Croom, Sonek, McKenna**)

The Predictive Value of Antenatal Obstetrical Ultrasound Parameters for Neonatal Survival in Preterm Birth at Less Than 26 Weeks Gestation

Michelle Durrant, MD, R3 (**Lindheim**)

Evaluation of Vitamin D with and without Hormonal Contraception on Sexual Function (SF) in Women with Polycystic Ovarian Syndrome (PCOS)

Danielle Holland, MD, R3 (**Wiegand**)

Outcomes of Delayed Pushing in the Nulliparous and Multiparous Population

Emily Kemner, DO, R3 (**Lindheim**)

Perspectives Among Successful Gay Fathers Utilizing In Vitro Fertilization and Gestational Carriers

Morgan Salomon, MD, R3 (**Yaklic, Talbot, Galloway**)

Cesarean Wound Risk Assessment and Management (CRAM): Phase 2 of a Quality Improvement Study

Hosted events [CME, etc.] con't:

Grand Rounds

Department annually hosts approximately 12 Grand Rounds presentations; each PGY4 resident presents in addition to presentations from invited speakers. 2018-2019 presentations are:

Jacquelyn Mares, August 22, 2018 - Peripartum Mood Disorders: Relapse, Treatment and Prevention

Amanda Hawkins, October 10, 2018 - Religious Perspectives in OB/Gyn

Tanya Glenn, January 23, 2019 - Oncofertility: Where We Are and Where We Could Be

Cody Unser – January 30, 2019 - Wheelchair Barbie Goes to the Gynecologist

Anthony Pickrel, March 13, 2019 - Queer Health: Understanding Health Needs of an Underserved Population”

Katherine McHugh – March 27, 2019 - Physician Advocacy: Better for Everyone

Samantha Simpson, April 10, 2019 - Recurrent Pregnancy Loss

Candace Benoit, May 8, 2019 - Global Health – Teen Edition

George En – May 22, 2019 – Obstetric Fistula in Africa: The Nigeria Story, A Hidden Epidemic

Deanne Jacobs, June 5, 2019 – Surgical Considerations for the Pregnant Patient

MMI

Department annually hosts 24 formal hospital-wide Ob/Gyn Morbidity & Mortality reviews.

Strip Review

Department annually hosts 12 formal Fetal Monitoring Strip reviews which provide fetal monitoring CME & meet local hospital requirements for obstetric credentialing.