



## **Department of OB/GYN**

### **Annual Report:**

July 1, 2020 – June 30, 2021

**David N. Dhanraj, M.D., MBA, FACOG, CPE**

Chair and Associate Professor

# 1

## Statement from the Chair

The turbulence, change, and resiliency experienced worldwide over the past year is certainly reflected in the department of OB/GYN. Aside from significant patient care challenges and training medical students and residents during the global pandemic, the department dealt with the April 2020 departure of the Chair, on-boarding a new Chair, replacement of the Residency Program Director & the two Assistant Program Directors (APD), transition of the OB/GYN Clerkship Director, and departure of two additional faculty members. This all occurred while the residency program was in the midst of two years in ACGME accreditation warning status. As if these events weren't enough, the country and our community were forced to address racism and social justice issues; our profession has always been a focal point for disparities in health outcomes.

My focus upon arrival was to assemble a strong leadership team. Dr. Geoffrey Towers, a Urogynecologist, retired USAF Colonel, and longstanding OB/GYN faculty member was named Residency Program Director. Dr. Kelly Nagy, active duty Major and former program graduate, became APD and Military Residency Program Director. Dr. Keith Reisinger-Kindle was named APD and OB/GYN Medical Director of Five Rivers Health Center, the residency outpatient clinical site. We quickly assessed the state of the program and created several formal mechanisms to elicit resident feedback. Our most recent ACGME resident survey scores place us above the national mean on all domains; we expect to be removed from "warning" status at the next accreditation assessment.

Dr. Josette D'Amato adeptly led our clinical practice during the pandemic; she stayed in constant communication at all levels to ensure uninterrupted face-to-face & virtual patient care, keeping safety of our patients, physicians and staff an urgent concern. She worked very closely with staff to modify our constant changing schedules and capabilities as we watched COVID evolve and eventually return to our new normal, keeping our practice's outcomes a top priority.

Dr. Marilyn Kindig accepted the Clerkship Director role, filling very large shoes and high standards left by her predecessor, Dr. Sheela Barhan. Dr. Kindig assumed challenges to effectively remotely educate students and finding more sites for learners to rotate. Her creative use of virtual learning, simulation, and student-led teaching earned her this year's Boonshoft School of Medicine *Innovation in Medical Student Teaching* award. Dr. Barhan's decade-long footprint and continued support of medical student education has ensured a cohesive platform to teach and mentor students in diverse career paths.

The OB/GYN specialty has been at the forefront of racism and social justice in medicine, our department is committed to leading change in both. Dr. Reisinger-Kindle piloted Antiracism Dialogue sessions with our residents; these sessions are being launched with BSOM leadership and faculty. He is engaged in several research projects on racism and health disparities. My previous work reducing the impact of racism on disparities in infant and maternal outcomes in Cincinnati perpetrated my selection to co-chair the BSOM Diversity, Equity, and Inclusion Task Force. I also represent the department and Ohio Perinatal Quality Collaborative (OPQC) on the Governor's Task Force on Reducing Disparities in Infant Mortality. Dr. Rose Maxwell's efforts as Research Director, have enabled us to swing the pendulum in these and many other areas. Her foresight, assistance to core faculty and networking with BSOM faculty has truly broadened our scope and vision for department scholarship and grants. Her upcoming July 1 promotion to Associate Professor truly attests to her work.

Finally, our recruitment efforts paid off; we are excited to welcome our most diverse residency class ever. Dr. Eyra Agudu will join our generalist faculty in July and Dr. Tiffanie Tam will join as our newest Urogynecologist in September. The department of OB/GYN navigated some choppy waters this past year yet I believe we are poised to accomplish great things at BSOM in the years to come!

# 2

## Programs/Divisions

<b>Name of Division or Program</b>	<b>Director</b>	<b>Dates</b>
<b>Name of Division or Program</b>	<b>Members</b>	<b>Dates</b>
<b>General OB/GYN and Minimally Invasive Gynecologic Surgery</b>	Dr. David Dhanraj	2020-pres
	Dr. Sheela Barhan	1996-pres
	Dr. Josette D'Amato	2012-pres
	Dr. Janice Duke	2000-pres
	Dr. Marilyn Kindig	2017-pres
	Dr. Jason Massengill	2013-pres
	Dr. Debra Miller	1992-pres
	Dr. Kelly Nagy	2017-pres
	Dr. Bao Nguyen	2018-pres
	Dr. Keith Reisinger-Kindle	2020-pres
	Dr. Geoffrey Towers	2012-pres
	Dr. Tessa Winterton	2020-pres
<b>Gynecologic Oncology</b>	Dr. William Nahhas (Dir)	1983-pres
	Dr. Robert Ore	2017-pres
	Dr. Thomas Reid	2018-pres
<b>Maternal Fetal Medicine</b>	Dr. Chris Croom	2000-pres
	Dr. David McKenna	1998-pres
	Dr. Jiri Sonek	2000-pres
	Dr. Samantha Wiegand	2016-pres
<b>Research</b>	Dr. Rose Maxwell (Dir)	2014-pres
<b>Reproductive Infertility and Endocrinology</b>	Dr. Amy Harris (Dir)	2018-pres
<b>Female Pelvic Medicine and Reconstructive Surgery</b>	Dr. Geoffrey Towers (Dir)	2004-pres
	Dr. Jason Massengill	2012-pres
	Dr. Debra Miller	1992-pres

# 3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
<p><b>Sheela Barhan, M.D.</b> Associate Professor Women's Health Clerkship Director 5-01-2020-02-01-2021</p>	<p>Breastfeeding Endometriosis Pain Management</p>	<p>Medical Education, Resident Women's Education</p>
<p><b>Josette D'Amato, D.O.</b> Assistant Professor WSP OB/Gyn Medical Director</p>	<p>Low/high risk pregnancy, Adolescent gynecology, Minimally Invasive Surgery (MIS)/hysterectomy, Endometrial ablation, In Office Procedures, Contraception, Menopause</p>	<p>Endometriosis and Contraception</p>
<p><b>David Dhanraj, M.D.</b> Associate Professor Chair</p>	<p>Low/High risk pregnancy, Vulvovaginal diseases Cervical disease Endometriosis International Medicine</p>	<p>Health Care disparities Preeclampsia International telemedicine/ quality improvement</p>
<p><b>Janice Duke, M.D.</b> Associate Professor Emerita</p>	<p>Menopause, perimenopause, routine &amp; high-risk OB, Int'l medicine</p>	
<p><b>Amy Harris, M.D.</b> Assistant Professor Director, REI</p>	<p>Infertility and Reproductive Endocrinology</p>	

Name and Academic Position	Clinical Interests	Research Interests
<p><b>Marilyn Kindig, D.O.</b>  Assistant Professor  Women's Health Clerkship Director  5-01-2020-02-01-2021</p>	<p>Substance abuse in pregnancy, Robotic Surgery, Menopause</p>	<p>Medical Education  Opiate Addiction</p>
<p><b>Jason Massengill, M.D.</b>  Associate Professor  OB/GYN Medical Director  Incumbent, Director of Medical Education  WPAFB USAF Medical Center</p>	<p>Pelvic organ prolapse, urinary incontinence, fecal incontinence, pelvic reconstructive surgery</p>	<p>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</p>
<p><b>Rose A. Maxwell, Ph.D. MBA</b>  Assistant Professor  Director of Ob/Gyn Research</p>		<p>Infant mortality, Maternal health, Neonatal  Abstinence Syndrome, Social influence, Pelvic pain</p>
<p><b>Kelly Nagy, M.D.</b>  Instructor</p>		<p>Resident education, institution of formal resident wellness program, postpartum depression and follow-up</p>
<p><b>William Nahhas, M.D.</b>  Professor Emeritus</p>	<p>Gynecologic oncology, Gynecologic surgery</p>	
<p><b>Bao Nguyen, D.O.</b>  Instructor</p>		
<p><b>Robert Ore, M.D.</b>  Assistant Professor</p>		

Name and Academic Position	Clinical Interests	Research Interests
<b>Keith Reisinger-Kindle D.O., MPH, MS</b> Instructor Associate Residency Program Director	Quality Improvement, Complex Family Planning, LGBT Health, and Race-Based Healthcare Disparities	
<b>Geoffrey Towers, M.D.</b> Assistant Professor Director, FPMRS Associate Residency Program Director	Urogynecology Pelvic pain Mesh complications	Prolapse Rectocele Surgical Preparations Procedure complications Surgical Quality

# 4 Teaching

**Baccalaureate** [any course for a bachelor's degree]

**Graduate students, including thesis supervision** [master's, doctor's post-doctoral]

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:

## Graduate medical education (residents, fellows)

### 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  
 Developed Scholastic Monthly Quizzes for Residency Remediation Program  
 Residency Scholastic Remediation Program Mentor

**Dr. Kindig**

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  
Clinical Competency Committee member  
Resident Education Committee member  
Military Resident Selection Committee Chair  
Residency Scholastic Remediation Program mentor  
Intern Bootcamp Instructor  
Lead Instructor, Emergency Course in Obstetrics, ACOG  
Elect, Director of Medical Education – Wright Patterson AFB

**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.  
Chair, DAGMEC grants committee

**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. Reisinger-Kindle**

Associate Residency Program Director  
Chair, Clinical Competency Committee  
Director, Family Planning Rotation  
Education Committee Co-Chair  
Civilian Resident Selection Committee member  
Rotation Director for EM Residents  
Rotation Director for FM Residents

Anti-Racism Dialogue Facilitator  
Coordinator for Resident Simulation Education

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

#### **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  
Instructor for Surgical Simulation and Cadaveric Surgical Anatomy Lab

### **Undergraduate medical education** [medical school]

#### **Dr. Barhan**

Director of Women's Reproductive Health elective (MS 4)  
Director of *Junior Internship in Obstetrics (MS 4)*  
Director of *Junior Internship in 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, year 1-4  
Organized Ob/Gyn Career Night for BSOM Students  
Instructor for Simulator Station, ICM II Bootcamp  
Developed simulated patient examinations for MS3  
Recruited for Women's Health Clerkship sites  
Lecturer for Clinical Doctoring course, MS3

#### **Dr. D'Amato**

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

#### **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 3<sup>rd</sup> Year Medical Student's Formal Case Presentations  
Preceptor for Surgical Simulation training  
Precept Ob/Gyn Clerkship TBL



**Dr. Massengill**

Precept OB/GYN Clerkship TBL

Member of Faculty Curriculum Committee (make UGME curriculum changes)

Precept anatomy cadaver lab/suture techniques

Military Member Ambassador for the Uniformed Services University of the Health Sciences

**Undergraduate medical education** [medical school]**Dr. Maxwell**

Chair, Scholarship in Medicine (SIM) Clinical Research Track

Department 'Go To' research contact for SIM

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. Reisinger-Kindle**

Upstream Medicine Course Steering Committee

Gender and Medicine Course Instructor

Elective Director, Family Planning

Clerkship Steering Committee

White Coats 4 Black Lives Faculty Mentor

Medical Students 4 Choice Faculty Mentor

**Dr. Towers**

Precept Ob/Gyn Clerkship TBL

Precept 3<sup>rd</sup> Year Medical Student's Formal Case Presentations

Ob/Gyn Career Night Participant

## **Continuing Medical Education** [grand rounds, seminars]

Department annually hosts approximately 11 Grand Rounds presentations; each PGY4 resident presents in addition to presentations from invited speakers. 2020-2021 presentations are:

July 15, 2020, Dr. Bryan Hecht, "Fertility Preservation and Delayed Parenthood - Procrastination, Predictions and Perils" **(Outside Speaker)**

July 29, 2020, Dr. Lisa Larkin, "Management of Genitourinary Syndrome of Menopause in Women with or at High Risk for Breast Cancer" **(Outside Speaker)**

August 19, 2020, Dr. Angela Stoehr, "The Pelvic Pain Puzzle" **(Outside Speaker)**

August 26, 2020, Dr. Beth Charron, "Dermatoses of Pregnancy" **(Resident)**

October 21, 2020, Dr. Zoe Gauthier, "It's Getting Hot in Here! An Intro to systemic Hormone Therapy" **(Resident)**

December 9, 2020, Dr. Julia Paulet, "Management of Trauma in the Pregnant Patient" **(Resident)**

February 24, 2021, Dr. Victoria Haverbusch, "The Current State of Prenatal Genetic Testing" **(Outside Speaker)**

March 3, 2021, Dr. Justin Williams, "Osteopathic Medicine and Manipulative Treatment in the Pregnant Patient" **(Resident)**

April 21, 2021, Dr. Elena Fuell Wysong, "Abortion and the Women's Healthcare Provider" **(Resident)**

May 26, 2021, Dr. Andrea Shields, "Top 10 Rules for the Recognition, Evaluation and Management of Maternal Sepsis" **(Outside Speaker) (Resident Research Day)**

June 9, 2021, Dr. Maggie Rechel, "Reckoning with Racism in Obstetrics and Gynecology" **(Resident)**

## **Other**

# 5 Scholarly Activity

## FUNDED GRANTS

### Clinical Trials

**D'Amato (PI) – Kindig, Dhanraj, D'Amato, Barhan, Reisinger-Kindle (Sub-I)** AbbVie, Inc. - M18-969, A Phase 3b Study to Evaluate the Safety and Efficacy of Elagolix in Combination with Combined Oral Contraceptives in Premenopausal Women with Documented Endometriosis and Associated Moderate to Severe Pain (Active) (\$1,288,112)

**Towers (PI) – Massengill (Sub-I)** Basic Evaluation Lead Post-Market Clinical Follow-Up (BASIC) Study (\$13,990)

**Kindig (PI) – Barhan, D'Amato, 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)

**D'Amato (PI) – Barhan, 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).

**D'Amato (PI) – Kindig (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).

## PUBLICATIONS

### Papers in referred journals

Luong E, Ludwin A, Winter T, Yaklic J, **Maxwell R**, Bhagavath B, Lindheim S. Saline-Air Hysterosalpingo–Contrast Sonography Is Equivalent to the Modified Hysterosalpingogram Following Hysteroscopic Sterilization. *Ultrasound Quarterly* (June) 2020; 36(2): 138-145.

Klock SC, Lindheim SR. Gestational Surrogacy: Medical, Psychosocial, and Legal Considerations. *Fertil Steril*. 2020 May;113(5):889-891.

Charron BL, Dengler KL, Nguyen BT, Coggins A, **Massengill JC**, Tomkins TJ. Gynecologic SURGRETE, New Horizons Guyana 2019: An Experience of a Lifetime for Global Health Engagement and Medical Readiness. *Mil Med*. 2020 Jul 15;usaa169.

Charron BL, Dengler KL, Tomkins TJ, Nguyen BT, Coggins A, **Massengill JC**. Gynecologic SURGRETE, New Horizons Guyana 2019: An experience of a lifetime for global health engagement and medical readiness (2020) *Mil Med* Jul 15; usaa169. Doi:10.1093/milmed/usaa169. PMID: 32666118.

## PUBLICATIONS con't:

### Papers in referred journals

Dengler KL, Isaacs S, Charron BL, **Massengill JC**. Authors' Response to Letter to the Editor "Important and Often Forgotten Aspects of Surgical GHE: A Response to Gynecologic SURGRETE, New Horizons Guyana 2019: An Experience of a Lifetime for Global Health Engagement and Medical Readiness". *Mil Med*. 2021 Feb 26;186(3-4):91-92.

Dengler KL, Isaacs S, Charron BL, **Massengill JC**. Author Response to Letter to the Editor "Important and Often Forgotten Aspects of Surgical GHE: A Response to Gynecologic SURGRETE, New Horizons Guyana 2019: An Experience of a Lifetime for Global Health Engagement and Medical Readiness (2020) *Mil Med* Nov 12: usaa457. Doi 10.1093/milmed/usaa457. PMID: 33180926

Orr L, **Reisinger-Kindle K**, Roy A, Levine L, Connolly K, Visintainer P, Schoen CN. Combination of Foley and Prostaglandins Versus Foley and Oxytocin for Cervical Ripening: A Network Meta-Analysis. *Am J Obstet Gynecol*. 2020 Nov;223(5):743.e1-743.e17.

Ludwin A, **Lindheim SR**. Unicornuate Uterus and the Noncommunicating Functional Horn: Continued Debate on the Diagnosis, Classification, and Treatment. *Fertil Steril*. 2020 Apr;113(4):772-773.

Agarwal S, Booth R, Madeira JL, Trolice MP, Petrozza J, **Lindheim SR**. Core Bioethical Principles and the Ethics of Continued Care During the COVID-19. *Fertil Steril Dialogue*, 2020 Apr 16.

### Books, chapters, reviews

Allahbadia G, Woodward B, **Lindheim SR**, Bagavath B, Ata B, © Springer Nature Singapore Pte Ltd. 2020 G. Allahbadia et al. (eds.), Textbook of Assisted Reproduction, ISBN 978-981-15-2376-2; Edition 1.

Salih S, Havemann L, and **Lindheim SR**. HLA Typing in ART. © Springer Nature Singapore Pte Ltd. 2020 G. Allahbadia et al. (eds.), Textbook of Assisted Reproduction, [https://doi.org/10.1007/978-981-15-2377-9\\_16](https://doi.org/10.1007/978-981-15-2377-9_16).

Welsh S, Whigham LD, and **Lindheim SR**. Obesity and ART. © Springer Nature Singapore Pte Ltd. 2020 G. Allahbadia et al. (eds.), Textbook of Assisted Reproduction, [https://doi.org/10.1007/978-981-15-2377-9\\_27](https://doi.org/10.1007/978-981-15-2377-9_27).

Glenn T and **Lindheim SR**. Immunotherapies and Unexplained Infertility. © Springer Nature Singapore Pte Ltd. 2020 G. Allahbadia et al. (eds.), Textbook of Assisted Reproduction, [https://doi.org/10.1007/978-981-15-2377-9\\_33](https://doi.org/10.1007/978-981-15-2377-9_33).

Smith M and **Lindheim SR**. ART after organ transplants. © Springer Nature Singapore Pte Ltd. 2020 G. Allahbadia et al. (eds.), Textbook of Assisted Reproduction, [https://doi.org/10.1007/978-981-15-2377-9\\_37](https://doi.org/10.1007/978-981-15-2377-9_37).

## **PUBLICATIONS Continued:**

### **Published Abstracts**

Xavier K, Michaels J, Margolis E, Harris-Hicks J, Burgess K, Betts C, Harding C, **Towers G**, Hashim H, Ojo-Carons A, White A, Cannon-Smith T, Stolen K, McNamara R, Grunow N, Elterman D. A Prospective, Multicenter, International Study to Assess the New Interstim Basic Evaluation Lead in Subjects with Overactive Bladder During Therapy Evaluation. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) Virtual meeting Feb 25-27, 2021.

**Kindig M**, Mouch A, Adams D, **Maxwell R**, Yaklic, J. Liposomal Bupivacaine Decreases Pain Scores and Narcotic Use After Cesarean Delivery. Poster presented at ACOG Seattle, WA (Virtual meeting). May 2020.

**Towers GD**, Zoorob D, **Maxwell R**, Reid A, Yaklic JL. Objective Assessment of Bladder Rupture Pressures in Explanted Cadaveric Bladders and Impact on Resultant Compliance. Poster presented at AUGS PFD Week 2020. The Virtual Experience Oct 8-10.

Whigham LD, Welsh S, **Maxwell RA**, Booth R, Lee M, Collier C, Lindheim SR. Physician Perspectives: Quality of Care and Weight-Related Communication in OBGYN vs Family Practice. Poster presented at The Obesity Society Annual Meeting (virtual) "Obesity Week" Nov 2-6 2020.

Salazar-Collier C, Booth R, Welsh S, Kellar L, **Maxwell RA**, Whigham LD, Lee M, Lindheim SR. Patient Perspectives: Quality of Care and Weight-Related Communication in OBGYN vs Family Practice. Poster presented at The Obesity Society Annual Meeting (virtual) "Obesity Week" Nov 2-6 2020.

### **Significant Presentations**

**Towers GD**, Zoorob D, **Maxwell R**, Reid A, Yaklic JL. Objective Assessment of Bladder Rupture Pressures in Explanted Cadaveric Bladders and Impact on Resultant Compliance. Poster presented at AUGS PFD Week 2020. The Virtual Experience Oct 8-10.

Whigham LD, Welsh S, **Maxwell RA**, Booth R, Lee M, Collier C, Lindheim SR. Physician Perspectives: Quality of Care and Weight-Related Communication in OBGYN vs Family Practice. Poster presented at The Obesity Society Annual Meeting (virtual) "Obesity Week" Nov 2-6, 2020.

Salazar-Collier C, Booth R, Welsh S, Kellar L, **Maxwell RA**, Whigham LD, Lee M, Lindheim SR. Patient Perspectives: Quality of Care and Weight-Related Communication in OBGYN vs Family Practice. Poster presented at The Obesity Society Annual Meeting (virtual) "Obesity Week" Nov 2-6, 2020.

Gupta A, **Kindig M**, Williams J. Local Wound Infiltration with Liposomal Bupivacaine Decreases Post-Cesarean Pain Scores (Basic and Translational Science Award winner). Poster presented at the American Medical Student Association Region V Convention Virtual conference Mar 6-8, 2021.

Goel KM, **Maxwell RA**, Cooley ME, Rackett TM, Yaklic JL. Quality Improvement: Patient Education for Management of Hypertension in Pregnancy (second place winner). Poster presented at the American Medical Student Association Region V Convention Virtual conference Mar 6-8, 2021.

**Massengill, j.** Infertility and Perinatal Loss: Resources & Support. Department of the Air Force Women's Air and Space Power Symposium (virtual conference), Dayton, Ohio, May 2021 (3400 in attendance)

**Massengill, J.** Physician Professional Development. Air Force Medical Service Obstetric Critical Care and Patient Safety Course, San Antonio, Texas, September 2020.

## **PUBLICATIONS Continued:**

### **Significant Presentations**

Gupta A, **Kindig M**, Williams J. Local Wound Infiltration with Liposomal Bupivacaine Decreases Post-Cesarean Pain Scores (Basic and Translational Science Award winner). Poster presented at the National Student Medical Association Wilbert C. Jordan Research Forum. Virtual meeting, Apr 2, 2021.

Goel KM, **Maxwell RA**, Cooley ME, Rackett TM, Yaklic JL. Quality Improvement: Patient Education for Management of Hypertension in Pregnancy. National Student Medical Association Wilbert C. Jordan Research Forum. virtual meeting, Apr 2, 2021.

Adkins E, **Kindig M**, **Maxwell R**. Evaluating the Effectiveness of Early Exposure: Obstetrics and Gynecology Two-Week Virtual Elective. Poster presented at the National Student Medical Association Wilbert C. Jordan Research Forum. virtual meeting, Apr 2, 2021.

**Maxwell R**, Caldwell V, Clark S, Reisinger-Kindle K, Jones J, Pullen T, Dhanraj D. Improving Engagement and Education for Breastfeeding with Breastfeeding Peer Counselors: A Quality Improvement Project. Poster presented at the American Medical Student Association Region V Convention Virtual conference Mar 6-8, 2021.

**Maxwell R**, Gunawardena S, Rasp J, Caldwell V. Community Health Workers Fill in Gaps for Participants who Became Lost to Follow-up in a Healthy Start Program. Research Talk presented at BSOM Medical Student Research Symposium, April 29, 2021.

Le B, Rosenberger **Kindig M**. Preterm Premature Rupture of Membranes complicated by Amniocentesis Confirmed Intrauterine Congenital HSV: A Case Report. Research Talk presented at BSOM Medical Student Research Symposium, April 29, 2021.

### **Consultantships**

#### **Dr. Maxwell**

Evaluator, Five Rivers Health Centers Healthy Start HRSA grant (2019-present) (\$15,000)

Evaluator, Five Rivers Health Centers Healthy Start HRSA grant (2014-2019) (\$7,000)

### **Other Recognition (e.g. editorships, reviewer awards)**

#### **Dr. Dhanraj**

Editorial Board Member, Journal of Gynecologic Surgery

Reviewer, The Journal of Reproductive Medicine

#### **Dr. Massengill**

Reviewer, Medical Surveillance Monthly Report (MSMR), Armed Forces Health Surveillance Branch (AFHSB)

Reviewer, Obstetrics & Gynecology

Reviewer, Female Pelvic Medicine & Reconstructive Surgery

Reviewer, Cureus

**Dr. Maxwell**

Reviewer, Austin Gynecology Case Reports  
Reviewer, Academic Medicine

**Other Recognition (e.g. editorships, reviewer awards)**

**Dr. McKenna**

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

**Dr. Reisinger-Kindle**

Reviewer: Social Science and Medicine

**Dr. Towers**

Reviewer, American Journal of Obstetrics and Gynecology  
Reviewer, Obstetrics and Gynecology

**Abstract Reviewer**

**Dr. McKenna**

Society for Maternal Fetal Medicine Annual Meeting.

# 6 Summary of Service Activities

**Student advising**

**Committee membership/officer** [indicate if committee chair]

**Wright State University Boonshoft School of Medicine**

OB/Gyn Career Advising (**Dr. Barhan**)

Dept OB/Gyn Clinical Competency Committee (**Drs. Barhan, Dhanraj, Massengill, Maxwell, McKenna, Nagy, Reisinger-Kindle, Towers**)

Dept. OB/Gyn Education Committee (**Drs. Barhan, Dhanraj, Harris, Massengill, McKenna, Nagy, Nguyen, Reisinger-Kindle, Towers**)

Dept. OB/Gyn Faculty Actions Committee (**Drs. Barhan-Chair, Brown, Nahhas**)

Dept. OB/Gyn Continuing Education Committee (**Drs. Barhan and Towers**)

Bylaws Committee (**Dr. Barhan**)

Doctoring Committee (**Dr. Barhan**)

Covid Task Force (**Dr. Barhan**)

Curriculum Committee (**Dr. Kindig**)  
WSU/BSOM REDCap Administrator (**Dr. Maxwell**)  
Clinical Research Track, Medical Student Scholarly Projects Committee – Chair (**Dr. Maxwell**)  
DAGMEC Grant Program -Chair (**Dr. Maxwell**)  
Nominating Committee (**Drs. Towers and Massengill**)  
Faculty Curriculum Committee (**Dr. Massengill**)  
Graduate Medical Education DEI Committee (**Dr. Reisinger-Kindle**)  
Undergraduate Medical Education DEI Committee (**Dr. Reisinger-Kindle**)  
OB/Gyn Research Committee (**Dr. Dhanraj**)

**Committee membership/officer** [indicate if committee chair]

**Wright State University**

Institutional Review Board (IRB) Committee Member, (**Dr. D’Amato**)  
Research Committee, Office of Research Affairs (**Dr. Maxwell**)

**Wright State Physicians**

Medical Director WSP OB/Gyn (**Dr. D’Amato**)

**Premier Health Partners**

Medical Student Documentation Task Force (**Dr. Barhan**)  
Obstetric Safety Committee (**Dr. McKenna**)  
Women’s Health Institute OB/Gyn Service Line (**Dr. D’Amato**)

**Miami Valley Hospital**

Vice Chair, MVH Department of OB/GYN (**Dr. Towers**)  
Perinatal Morbidity and Mortality Committee (**Drs. Barhan, Duke, Massengill, McKenna, Nahhas**)  
Medical Staff Quality Committee (MSQC) (**Dr. Barhan**)  
Department of Surgical Services Committee (DOSS) (**Dr. Towers**)  
Member, Miami Valley Hospital Human Investigations Research Committee (HIRC) (**Dr. Maxwell**)  
Medical Staff Quality Committee (**Dr. Towers**)  
Berry Center Nursing Anti-Racism Research Committee (**Dr. Reisinger-Kindle**)

**Wright Patterson Medical Center**

Executive Committee of the Medical Staff (ECOMS) 88<sup>th</sup>, MDG (**Dr. Massengill**)  
Perinatal Safety Council (**Dr. Massengill – Co-Chair**)  
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**)  
COVID Clinical Team Leadership (**Dr. Massengill**)

**Five Rivers Health Centers**

Site Medical Director - Five Rivers Health Centers Center for Women’s Health (**Dr. Reisinger-Kindle**)  
Quality Assurance Committee (**Dr. Reisinger-Kindle**)

**State and Local**

Governor’s Task Force on Reducing Disparities in Infant Mortality (**Dr. Dhanraj**)  
Ohio State Medical Association Member (**Dr. Barhan and Dr. Reisinger-Kindle**)  
Ohio State Medical Association Delegate (**Dr. Reisinger-Kindle**)  
Ohio State Medical Association Reference Committee (**Dr. Reisinger-Kindle**)  
Montgomery County Medical Society Member (**Drs. Barhan and Dr. Reisinger-Kindle**)



Ohio Osteopathic Association (**Dr. D'Amato**)  
Dayton OB/Gyn Society (**Drs. Barhan, D'Amato, Harris, Kindig, Massengill, Nagy, Nahhas, Nguyen, Ore**)

### **National**

American Society of Reproductive Medicine (**Dr. Harris**)  
American Board of Obstetrics and Gynecology, Oral Board Examiner (**Dr. Massengill**)  
American Association for Physician Leadership (**Dr. Massengill**)  
American Urogynecologic Society (AUGS) (**Drs. Miller, Towers**)

### **Committee membership/officer** [indicate if committee chair]

#### **National**

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**)

#### **Other**

DAGMEC Virginia Woods Resident Research Forum – Judge (**Dr. Maxwell and Dr. Reisinger-Kindle**)  
OCPIM 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**)  
“NAACP Dayton Chapter Health Equity Committee (**Dr. McKenna and Dr. Reisinger-Kindle**)  
OB/GYN Consultant to the USAF/Surgeon General (**Dr. Massengill**)

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## Patient Care Summary

### **Outpatient Clinics**

Wright State Physicians Ob-Gyn (**Drs. Barhan, D'Amato, Dhanraj, Duke, Harris, Kindig, Massengill, Reisinger-Kindle, Towers**)

Five Rivers Health Centers – Center for Women’s Health (**Drs. Barhan, D'Amato, Dhanraj, Duke, Karnitis, Kindig, Massengill, Miller, Reisinger-Kindle, Towers, Watson**)

Women’s Medical Center (**Dr. Reisinger-Kindle**)

### **Hospital / Inpatient**

Miami Valley Hospital (**Drs. Barhan, D'Amato, Dhanraj, Duke, Harris, Kindig, Massengill, Miller, Nagy, Nahhas, Ore, Reisinger-Kindle, Towers, Watson**)

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

Kettering Medical Center - Gyn Only (**Drs. Kindig, Massengill & Dr. Towers**)

Dayton Children's Hospital, Gyn Only (**Dr. D'Amato**)

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

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

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### Honors and awards [Faculty or staff]

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

**APGO Award** (Dr. Kindig)

**Clinical Faculty Award** (Dr. Amy Brown)

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

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### Hosted events [CME, etc.]

#### **May 2021 Resident Research Day**

##### **Judges**

**Andrea Shields, MD Associate Professor**, Department of Obstetrics & Gynecology, Baylor College of Medicine

**Amy Brown, MD, FACOG, Lieutenant Colonel, MC, USAF, Flight Commander, OB/GYN Services, Assistant Professor**, Wright Patterson Air Force Base

**Amy Harris, Lieutenant Colonel, MC, USAF, Reproductive Endocrinology & Infertility, Assistant Professor**, Wright Patterson Air Force Base

**Marilyn Kindig, MD Clerkship Director Assistant Professor**, Wright State University Boonshoft School of Medicine,

**Rose Maxwell, PhD Research Director**, Wright State University Boonshoft School of Medicine

## **2021 Research Day Presenters**

### **May 2021 Resident Research Day**

**Zachary Candela, DO, R3 ((Wiegand)** - Postpartum Management of Gestational Hypertensive Disorders Using Furosemide: A Randomized Controlled Trial

**Joseph Hancox, MD, R3 ((Kindig)** - OB/GYN Clerkship Improvement by Adding Obstetric Simulation

**Kelsey Harman, MD, R3 (Maxwell)** - A Close-Up Examination of Infant Mortality in Trotwood, Ohio

**Adam Langer, MD, R3 (Towers)** - A Randomized Trial of Vaginal Prep Solutions to Reduce Bacterial Colony Counts in Patients Having a Vaginal Surgery

**Lindsay Parrish, MD, R3 (Maxwell)** - Outcomes of Delayed Pushing in Both Nulliparous and Multiparous Populations

**Ashley Reid, MD, R3 (Towers)** - Objective Assessment of Bladder Rupture Pressures in Explanted Cadaveric Bladders and Impact on Resultant Compliance

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## Other information

[Other information that represents your department's contribution to the academic mission of the Boonshoft School of Medicine.]

### **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.

Health Equity M&M, two happened second half of the year, they are quarterly.