



Department of OB/GYN

Annual Report:

July 1, 2021 – June 30, 2022

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

Chair and Associate Professor

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Statement from the Chair

The OB/Gyn Department continues to grow and thrive despite ongoing pandemic concerns and unprecedented political turbulence profoundly affecting patient care. Also challenging was a hefty drop in the region's birth rates adversely impacting department finances; we significantly mitigated this through development of new partnerships, renegotiated contracts and added patient volume by recruiting a provider with an establish practice.

We officially received full ACGME accreditation of our residency program after two years on warning status. Our program leadership team, led by Dr. Geoffrey Towers, created an environment promoting ACGME compliance, wellness, and academic rigor. Our graduates represent us well and are highly recruited. Three civilian graduates joined local practices (2 in Premier and 1 in the Kettering system). Our military graduates are being assigned to bases needing skilled surgeons and obstetricians able to operate independently on day 1. Since our leadership team on-boarded in 2020, we recruited, arguably, the most diverse classes in the history of the residency program; in those two years, 6 of 12 matched residents were minorities or a member of the LGBT community.

Our faculty practice, *Wright State Physicians Obstetrics and Gynecology*, provides some of the highest quality clinical care in the community. Three faculty were designated "*Dayton Best Docs, 2022*" in *Dayton Magazine*. Our practice has the most experienced staff in the corporation with lowest turnover and highest patient satisfaction scores. One of the busiest most well-regarded OB/GYN physicians in the community, Dr. Roberts Wood, joined our practice bringing many of his patients from Premier. He has significant interest in and plans to develop a program of excellence treating chronic pelvic pain. Vice Dean, Dr. Ngozi Anachebe joined our practice this year; her pharmacy and OB/GYN experience and expertise is a welcomed addition to our patients, residents, and students.

The clerkship continued to improve under the leadership of Dr. Marilyn Kindig who just completed her first year as director. She remains an innovator in teaching and simulation. She involved several students in research projects focused on medical education and creates electives to develop research and teaching skills prior to residency. We matched 5 student applicants in OB/GYN residencies; our clerkship created significant interest in our field, and at the time of this writing, 11 students plan to apply to OB/GYN residencies this fall!

We significantly expanded our relationship with Dayton Children's Hospital (DCH). Our WSP Medical Director, Dr. Josette D'Amato, has provided care at their Adolescent/Young Adult (AYA) Clinic; due to community needs, they asked us to double this time. We were asked to help manage GYN patients at the DCH emergency department. We completed contracts to provide DCH ED telemedicine consults and increase AYA Clinic coverage. DCH leadership sees the needs growing; we are discussing increased coverage and assisting them to hire another faculty member. We are also working with the DCH Psychiatry Department, a partnership to allow pregnant adolescents admission to the inpatient child psychiatry unit. Such great ways to serve the community and teach learners.

Our department remains an important resource to BSoM and the community in the Diversity/Equity/Inclusion space. Dr. Keith Reisinger-Kindle is an active anti-racism researcher involving many residents and students in multiple projects, several submitted for publication. He provides (the first of its kind in the medical space) BSoM faculty and staff *Anti-racism Dialogue Training* and leads work reducing disparities in our community. I still Co-Chair the DEI Task Force, soon a permanent committee. I completed my work on the Governor's Task Force, Reducing Disparities in Infant Mortality; our final recommendations are forthcoming from his office.

Despite resolving our citations, ACGME recommended our program's research activity be an area of focus. Dr. Rose Maxwell, Department Research Director, met with me to establish research and scholarly activity goals. Under her leadership, we are meeting goals for submitted publications, initiating new studies and completing projects. Her team managed several industry trials acquiring much-needed department revenue. Her efforts attract additional revenue-generating studies supporting department research. She ensures our key partnership with Dr. Thomas Brown is running smoothly as we collaborate to advance the study of preeclampsia at BSoM.

Our relationship with WPAFB remains a strong symbiotic partnership providing us subspecialists otherwise difficult to recruit and support at our school and community. This summer we are welcoming base faculty dedicated to both clinical training and formal didactics for our learners. Dr. McKayla Riggs completes her gynecologic oncology fellowship at the University of Kentucky and Dr. Meghan Ozcan completes her REI fellowship at Brown University.

The political climate changed abruptly with the Supreme Court's Dobbs decision leaving both patient care and medical education uncertainties. We are offering ACGME mandated family planning training, requiring more resourcefulness. We advocate for our patients and provide the best care we can under the circumstances—complicated and difficult at times. Members of the BSoM OB/GYN department are committed to being the best educators, clinicians, innovators, and advocates for patients and students regardless of the challenges we face.

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Programs/Divisions

Name of Division or Program	Director	Dates
Name of Division or Program	Members	Dates
General OB/GYN and Minimally Invasive Gynecologic Surgery	Dr. David Dhanraj	2020-pres
	Dr. Eyra Agudu	2021-pres
	Dr. Ngozi Anachebe	2021-pres
	Dr. Sheela Barhan	1996-pres
	Dr. Amy Brown	2019-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. Vivina Napier	2021-pres
	Dr. Bao Nguyen	2018-pres
	Dr. Keith Reisinger-Kindle	2020-pres
	Dr. Tiffanie Tam	2021-pres
Dr. Geoffrey Towers	2012-pres	
Dr. Tessa Winterton	2020-pres	
Dr. Roberts Wood	2022-pres	
Gynecologic Oncology	Dr. William Nahhas (Dir)	1983-pres
	Dr. Robert Ore	2017-pres
	Dr. Thomas Reid	2018-pres
Maternal Fetal Medicine	Dr. Chris Croom	2000-pres
	Dr. Melanie Glover	2010-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. Amy Harris (Dir)	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. Tiffanie Tam	2021-pres

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Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Eyra Agudu, M.D. Assistant Professor	Low/high risk pregnancy, minimally invasive surgery, hysterectomy, cervical disease, international medicine	Abnormal uterine bleeding
Ngozi Anachebe, M.D. Associate Professor	Normal and high-risk obstetrics Pharmacotherapeutics Menopausal care Contraceptive management Management of abnormal uterine bleeding Obesity counseling	Disparities in reproductive health outcomes Predictors of medical student success
Sheela Barhan, M.D. Associate Professor	Patient Education Breastfeeding Endometriosis Pain Management Menopause	Medical Education, Resident Women's 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, In Office Procedures, Contraception, Menopause	Endometriosis and Contraception Office Based Research
David Dhanraj, M.D. Associate Professor Chair	Low/High risk pregnancy, Vulvovaginal diseases Cervical disease Endometriosis International Medicine	Health Care disparities Preeclampsia International telemedicine/ quality improvement
Janice Duke, M.D. Associate Professor Emerita	Menopause, perimenopause, routine & high-risk OB, Int'l medicine	
Amy Harris, M.D. Assistant Professor Director, REI	Infertility and Reproductive Endocrinology	

Name and Academic Position	Clinical Interests	Research Interests
Marilyn Kindig, D.O. Assistant Professor Women's Health Clerkship Director	Substance abuse in pregnancy Robotic Surgery, Menopause	Medical Education Opiate Addiction
Jason Massengill, M.D. Associate Professor Director of Medical Education 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 Associate Professor Director of Ob/Gyn Research		Infant mortality, Maternal health, Neonatal Abstinence Syndrome, Social influence, Pelvic pain
Kelly Nagy, M.D. Assistant Professor	Mood disorders in pregnancy, trauma informed care, menopausal care	Resident education, institution of formal resident wellness program, postpartum depression/follow-up, topical hemostatic agent use in benign gyn surgery
William Nahhas, M.D. Professor Emeritus	Gynecologic oncology, Gynecologic surgery	
Vivina Napier, M.D. Assistant Professor	Low/high risk pregnancy, Breastfeeding, In-Office Procedures, Ethics in OB/GYN	
Bao Nguyen, D.O. Instructor		
Robert Ore, M.D. Assistant Professor		
Keith Reisinger-Kindle D.O., MPH, MS Assistant Professor Associate Residency Program Director	Quality Improvement, Complex Family Planning, LGBT Health, and Race-Based Healthcare Disparities	

Name and Academic Position	Clinical Interests	Research Interests
Tiffanie Tam, M.D. Assistant Professor	Pelvic organ prolapse, urinary incontinence, pelvic reconstructive surgery	Prolapse Urinary Incontinence Procedure complications Surgical Quality
Geoffrey Towers, M.D. Associate Professor Director, FPMRS Residency Program Director	Urogynecology Pelvic pain Mesh complications	Prolapse Rectocele Surgical Preparations Procedure complications Surgical Quality
William Roberts Wood, M.D. Assistant Professor	Chronic pelvic pain Endometriosis Fibroids Interstitial cystitis IBS Musculoskeletal contributions Ehlers-Danlos REI	Endometriosis

4 Teaching

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:

Undergraduate medical education [medical school]

Dr. Agudu

Assistant Clerkship Director
 Member, Clerkship Steering Committee
 Precept 3rd Year Medical Student's Formal Case Presentations
 OB/Gyn Interest Group Mentor
 Wright Q PBL Faculty, Small Group Facilitator MS2
 Member, Documentation Committee

TEACHING

Undergraduate medical education [medical school]

Dr. Barhan

Director OB/Gyn Prep Course (MS 4)
Member of Clerkship Steering Committee
Precept 3rd Year Medical Student's Formal Case Presentations
Medical Student Advisor - for students pursuing residency training in Ob/Gyn, year 1-4
Lecturer for Clinical Doctoring course, MS3
Lecturer for OB/Gyn Clerkship Didactics
Faculty advisor for OB/Gyn Interest Group

Dr. D'Amato

One-on-One Out Patient Training
Precept 3rd Year Medical Student's Formal Case Presentations

Dr. Dhanraj

Precept 2nd Year Medical Student's Wright Q Case Based Learning Sessions
Precept 3rd Year Medical Student's "Cervical Dysplasia"

Dr. Kindig

Beginning to End – Developed and presented clinical correlation to basic science information (MS2)
Ob/Gyn Interest Group Faculty Mentor
Chair of Clerkship Steering Committee
Precept 3rd Year Medical Student's Formal Case Presentations
Developer and Primary Preceptor for Student OB Simulation
Developer and primary preceptor for OB/Gyn Clerkship TBL's D
Developer and Precept 3rd Year Medical Student's Evidence Based Medicine Presentations
Medical Student Advisor - for students pursuing residency training in Ob/Gyn
Participated in MS3 Bootcamp for OBGYN
Developed and Primary Preceptor for five Computer training modules for MS3
Supervised three national ACOG student presentations
Worked with 8 students who wrote papers and poster boards for publication this year
Developed and Primary Preceptor for Wine and Gyne- group for MS3 and MS4 applicants for OBGYN residency, virtual interviewing training

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

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

TEACHING

Undergraduate medical education [medical school]

Dr. McKenna

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

Dr. Nagy

Member of Clerkship Steering Committee
Precept Ob/Gyn Clerkship TBL
Medical student member
Nominations Committee Member
Bylaws Committee Member

Dr. Nahhas

Lecture during Ob/Gyn Clerkship TBL

Dr. Napier

Ob/Gyn Clerkship Lecturer

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. Tam

Instructor for Surgical Simulation and Cadaveric Surgical Anatomy Lab

Dr. Towers

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

Graduate medical education (residents, fellows)

Dr. Barhan

Education Committee member

TEACHING

Graduate medical education (residents, fellows)

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

Surgeries for residents at Dayton Children's Hospital

Dr. Dhanraj

"Electrosurgery" Lecture for Residents

Dr. Kindig

Surgery Preop Committee

Chair of Clerkship Steering Committee

Member Gyn Case Review

Curriculum Committee

Dr. Massengill

Faculty coordinator for Urogynecology rotation

Instructor for surgical simulation and cadaveric surgical anatomy lab

Residency Scholastic Remediation Program mentor

Intern Bootcamp Instructor

Lead Instructor, Emergency Course in Obstetrics, ACOG

Director of Medical Education – Wright Patterson AFB

Dr. Maxwell

Supervise resident research projects. Provide education related to research topics. Developed Resident Research Manual/Rotation and Path to Fellowship 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

Social Media Faculty Advisor

TEACHING

Graduate medical education (residents, fellows)

Dr. Napier

Perinatal Director, WPAFB
Civilian Resident Selection Committee member
Military Resident Selection Committee member
Instructor for OB/GYN simulation labs

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

Dr. Tam

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

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

Continuing Medical Education [grand rounds, seminars]

Department annually hosts approximately 09 Grand Rounds presentations; each PGY4 resident presents in addition to presentations from invited speakers. 2020-2021 presentations are:

July 14, 2021, Dr. Joseph Hancox, "The World of Post-Partum Care" **(Resident)**
September 8, 2021, Dr. Lindsay Parrish, "A Review of Polycystic Ovarian Syndrome" **(Resident)**
November 10, 2021, Dr. Elizabeth Clark, "Contraception Resources from the DCD: 2016 U.S. Medical Eligibility Criteria for Contraceptive Use" **(Outside Speaker)**
January 12, 2022, Dr. Ashley Reid, "Boobs: Now What" **(Resident)**
February 09, 2022, Dr. David McKenna, "The Fetus as a Patient" **(Outside Speaker)**
March 9, 2022, Dr. Kelsey Harman, "Complications of Fetal Gestation" **(Resident)**
April 13, 2022, Dr. Sheela Barhan, "Pain in the Pregnant Outpatient" **(Outside Speaker)**
May 11, 2022, Dr. Adam Langer, "Uterine Fibroids" **(Resident)**
May 25, 2022, Dr. Austin Findley, "How to Avoid and Identify Complications during Laparoscopic Hysterectomy" **(Outside Speaker)**
June 8, 2022, Dr. Zachary Candela, "Where Did All the Shingles Go?" **(Resident)**

5 Scholarly Activity

FUNDED GRANTS

Clinical Trials

D'Amato (PI) –Kindig, Talbot (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).

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)

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 (Closed) (\$1,425,000).

Dhanraj (PI) – Kindig, Barhan, D'Amato, Reisinger-Kindle (Sub-Is) RallyBio (IPA2002). A Prospective, Natural History Study to Assess the Occurrence of HPA-1a Alloimmunization in Women Identified at Higher Risk for Fetal and Neonatal Alloimmune Thrombocytopenia (FNAIT) (\$353,260)

FUNDED GRANTS

Clinical Trials

Towers (PI) -Tam (Sub-I) Medtronic (MDT 20061) Evaluation of Implantable Tibial Neuromodulation (TITAN 2) Pivotal Study (Active) (\$50,100)

Rhone TJ, **Reisinger-Kindle K.** Patient-Centered Focus Groups as a Catalyst for Anti-Racism Research and Quality Improvement in an Urban Academic OB/GYN clinic. BSOM Medical Student Research Grant

PUBLICATIONS

Papers in refereed journals

Schmeusser B; Gauthier Z; **Nagy K.** Assessment of Resident Burnout After Formalization of Wellness Program. Mil Med, 2022 Jan 19:usac004.

Omole F; **Anachebe NF**; Babalola J. 62-Year-Old Woman - Dysuria - Dyspareunia - Urinary Incontinence - Dx? J Fam Pract. 2022 Jun;71(5):224-226.

Gordon SS; **Dhanraj DN**; Ganga Devaiah C; Lambers DS. A Pilot Study of Exposure to Nicotine in Human Pregnancy and Maternal Fetal Testosterone Levels at Birth. Reprod Sci. 2022 Jun 6. Online ahead of print.

PUBLICATIONS

Papers in refereed journals

Aldrich ER; **Tam TY**; Saylor LM; Crips CC; Yeung J; Pauls RN. Intrarectal Diazepam Following Pelvic Reconstructive Surgery: A Double-Blind, Randomized Placebo-Controlled Trial. *Am J Obstet Gynecol.* 2022 Aug;227(2):302.e1-302.e9.

Kindig MJ. Clarifying Current Expectations OF and FOR Clerkship Directors - Article Review. *Med Ed Briefs Alliance of Clinical Education.* 8 Apr 2022. Online.

Hiatt AK, Sonek J, Guy M, **Reid T.** Performance of IOTA Simple Rules, Simple Rules Risk Assessment, ADNEX Model and O-RADS in Discriminating Between Benign and Malignant Adnexal Lesions in North American Population. *Ultrasound Obstet Gynecol.* 2021 Sep 17.

Watters JA; Banaag A; **Massengill JC**; Koehlmoos TP; Staat BC. Postpartum Opioid Use Among Military Health System Beneficiaries. *Am J Perinatol.* 2021 Nov 16

Massengill J, Miles S, Gruber D, Speroni, KG, Gaynor-Krupnick D. Erratum: Corrigendum to “Does Glycopyrrolate at Anesthesia Induction Increase Temporary Post-Operative Urinary Retention After a Midurethral Sling?” (2013) *J Clin Anesth* 25 (7):572-7 (2021) *J Clin Anesth* 70 (110137). Doi: 10.1016/j.clinane.2020.110137. PMID: 33308967

Maxwell RA, Gunawardena S, Rasp J, Caldwell V. Community Healthy Workers Fill in the Gaps for Participants Who Became Lost to Follow-up in a Healthy Start Program. *Matern Child Health J* 2021 Dec;25(12):1829-1835.

Goel KM, **Maxwell RA,** Cooley ME, Rackett TM, Yaklic JL. Quality Improvement: Patient Education for Management of Hypertension in Pregnancy. *Hypertension in Pregnancy* 2021 Nov;40(4):271-278.

Reddy UM; Weiner SJ; Saade GR; Varner MW; Blackwell SC; Thorp Jr. JM; Tita ATN; Miller RS; Peaceman AM; **McKenna DS**; Chien EKS; Rouse DJ; El-Sayed YY; Sorokin Y; Caritis SN; Eunice Kennedy Shriver NICHD MFMU Network. Intrapartum Resuscitation Interventions for Category II Fetal Heart Tracings and Improvement to Category I. *Obstet Gynecol* 2021 Sep 1; 138(3):409-416.

Bartal SMF; Premkumar A; Rice MM; Reddy UM; Tita AT; Silver RM; El-ayed YY; Wapner RJ; Rouse DJ; Saade GR; Thorp Jr. JM; Constantine MM; Chien EK; Casey BM; Srinivas SK; Swamy GT; Simhan HN; Eunice Kennedy Shriver NICHD Maternal Fetal Medicine Units (MFMU) Network. **[McKenna DS].** Hypertension in Pregnancy and Adverse Outcomes Among Low-Risk Nulliparous Women Expectantly Managed at or After 39 Weeks: A Secondary Analysis of a Randomized Controlled Trial. *BJOG.* 2021 Dec 20.

Lanier AL, Wiegand SL, Fenning K, Snow EK, **Maxwell RA, McKenna D.** Neonatal Outcomes After Delivery in Water. *Obstet Gynecol.* 2021 Oct, 138(4), 622-626.

Reisinger-Kindle, K; Dethier, D; Wang, V; Nandi, P; Bradley, ET; Evans ML; Ireland LD; **Dhanraj DN;** Bryant AS. Health Equity Morbidity and Mortality Conferences in Obstetrics and Gynecology. *Obstetrics & Gynecology:* 2021 Dec 1;138(6):918-923.

Reisinger-Kindle KM; Qasba N; Cayton C; Niakan S; Knee A; Goff SL. Evaluation of Rapid Telehealth Implementation for Prenatal and Postpartum Care Visits During the COVID-19 Pandemic in an Academic Clinic in Springfield, Massachusetts, United States of America. *Health Sci Rep.* 2021 Dec 14; 4(4):e455.

PUBLICATIONS

Papers in refereed journals

Sonek J, Muller R, Muller-Cohn J, Dickerson J, Garcia Lopez B, Barber-Singh J, Dufek D, Hiatt AK, Buchanan P. Identification of Fetal Aneuploidy with Dual-Probe Fluorescence in Situ Hybridization Analysis in Circulating Trophoblasts after Enrichment Using a High-Sensitivity Microfluidic Platform. *Prenat Diag.* 2021 Sep 28. 1-8.

Kagan KO; **Sonek J**; Kozlowski P. Antenatal Screening for Chromosomal Abnormalities. *Arch Gynecol Obstet.* 2022 Mar 13.

Tam TY; Aldrich ER; Crisp CC; Yook E; Yeung, J; Pauls, RN. Methenamine Hippurate With Cranberry Capsules Versus Cranberry Alone for Urinary Tract Infection Prevention in a Short-Term Indwelling Foley Catheter Population After Urogynecologic Surgery: A Double-Blinded Randomized Controlled Trial. *Female Pelvic Medicine & Reconstructive Surgery*, 28 (3), March 2022, e55-e61.

Hill AM, Pauls RN, Basil J, **Tam T**, Yook E, Shatkin-Margolis A, Kleeman S, Young J, Aldrich E, Crisp CC. Chlorhexidine Versus Iodine for Vaginal Preparation Before Hysterectomy: A Randomized Clinical Trial. *Female Pelvic Med Reconstr Surg.* 2022 Feb1;28(2):77-84.

Zoorob D, Richardson K, Gaishouser K, Hinkel B, Moussa HN, Van Hook J, **Maxwell RA**. Do Medical Student Mental Stress and Burnout Vary With Virtual Versus In-person Residency Interviews. *Future Science OA* 2021 Oct 22;7(10):FSO752.

Welsh S, Salazar-Collier C, Blakeslee B, Kellar L, **Maxwell RA**, Whigham L, Lee M, Lindheim SR. Comparison of Obstetrician-Gynecologists and Family Physicians Regarding Weight-Related Attitudes, Communication, and Bias. *Obes Res Clin Pract* 2021 Jul-Aug; 15(4): 351-356

Books/Chapters/Reviews

Maxwell RA, Jensen LR, Granger E, Abeltd B. An Evaluation of the Five Rivers Center for Women's Health Breastfeeding Peer Coaches Program. Program Evaluation Report for HRSA-19-049. March 2022.

Maxwell RA, Tipton T, Braswell L, Harvey B, Huber S, Hugue B, Caldwell V, **Reisinger-Kindle KM**. Perceived Barriers to Breastfeeding Among Black-Identifying Women: Focus Groups for Quality Improvement in a Healthy Start Program. Program Evaluation Report for HRSA-19-049. March 2022.

Published Abstracts

Tam TY, Aldrich ER, Crisp CC, Yook E, Yeung J, Pauls RN. Methenamine Hippurate With Cranberry Capsules Versus Cranberry Alone for Urinary Tract Infection Prevention in a Short-Term Indwelling Foley Catheter Population After Urogynecologic Surgery: A Double-Blinded Randomized Controlled Trial. *Female Pelvic Medicine & Reconstructive Surgery*, 28 (3), March 2022, e55-e61.

Significant Presentations

Tam TY, Aldrich ER, Crisp CC, Yook E, Yeung J, Pauls RN. Methenamine Hippurate With Cranberry Capsules Versus Cranberry Alone for Urinary Tract Infection Prevention in a Short-Term Indwelling Foley Catheter Population After Urogynecologic Surgery: A Double-Blinded Randomized Controlled Trial. Fellow paper presented at AUGS PFD Week 2021. Winner "Best Paper"

Significant Presentations

Mallicoat B, Kelly E, Anas S, Herstine B, **Reisinger-Kindle K**. A Review of Ob/Gyn Residency Program Websites for Diversity, Equity and Inclusion Features. Poster presented at CREOG/APGO March 9-12, 2022, Orlando FL.

Adkins E, **Kindig M**, **Maxwell R**. Evaluating the Effectiveness of Early Exposure: Obstetrics and Gynecology Two-Week Virtual Elective. Poster presented at CREOG/APGO March 9-12, 2022, Orlando FL.

Sengupta MP; **Maxwell RA**; **Kindig MJ**. Teaching Religious and Cultural Competency to Medical Students. Poster presented at CREOG/APGO March 9-12, 2022, Orlando FL.

Reisinger-Kindle K. Physicians of the Future Summit: DEI Strategies in Medicine. Oral presentation at AMA Region 5 Annual Meeting Jan 2022.

Langer A, **Towers GD**. A Randomized Trial of Vaginal Prep Solutions to Reduce Bacteria Colony Counts in Patients Having a Vaginal Surgery. Poster presented at ACOG AFD (virtual meeting) October 10–12, 2021.

Schmeusser B, **Nagy K**, Gauthier Z. Analysis and Future Considerations Regarding Burnout and Wellness Post Implementation of a Residency Wellness Program. Poster presented at ACOG AFD (virtual meeting) October 10–12, 2021.

Reid A, **Towers GD**. Objective Assessment of Bladder Rupture Pressures in Explanted Cadaveric Bladders and Impact on Resultant Compliance. Oral presentation at ACOG AFD (virtual meeting) October 10–12, 2021.

Reisinger-Kindle K. Leadership from an Anti-Racism Lens. Oral presentation at Dayton Area Graduate Medical Education Community meeting May 2021.

Kindig, M. Heartbeat International 04/2022 Lectured with Medical student Paige Lewis on Medical Care of Pediatric patients.

Massengill, JC. Infertility & 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)

Local posters

Hearne S, **Kindig M**. 4th-Year Student Led Community Resources Clerkship Module Addressing Social Determinants of Health. Poster at BSOM Research Symposium Apr 2022.

Payne, CA; **Maxwell RA**. Examination of Breastfeeding during the First 6 Months of Life, A Local Retrospective Study. Poster at BSOM Research Symposium Apr 2022.

Mathess JM, Labello M, Stump HM, Perrin JD, Stahl WA, **Kindig MJ**, **Maxwell RA**. Patient Satisfaction with Obstetrics and Gynecology Telemedicine During the COVID-19 Pandemic. Poster at BSOM Research Symposium Apr 2022.

Goel K, **Maxwell R**, Cooley M, Yaklic J, Rackett T. Quality Improvement: Patient Education for Management of Hypertension in Pregnancy. Poster at BSOM Research Symposium Apr 2022.

Gauthier B, **Maxwell RA**. The Effects of Preterm Birth, Adverse Birth Outcomes, and BMI in Biracial Babies. Poster at BSOM Research Symposium Apr 2022.

Significant Presentations

Local - oral presentations

Rhone TJ, **Reisinger-Kindle K**. Patient-Centered Focus Groups as a Catalyst for Anti-Racism Research and Quality Improvement in an Urban Academic OB/GYN Clinic. Oral presentation at BSOM Research Symposium Apr 2022.

Bowman-Gibson S, Linkous B, Chandiramani C, Adkins E, DeSouza J, Rackett T, Nolan K, Stone E, **Maxwell R, Dhanraj D**, Brown T. Placental-Specific Transcriptomics of Preeclampsia Pregnancies with Increased Adiposity. Oral presentation at BSOM Research Symposium Apr 2022.

Regional posters

Harman K; **Reisinger-Kindle KM; Maxwell, RA**. A Close-up Examination of Racial Disparities in Infant and Maternal Outcomes in Montgomery County, Ohio. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

Mallicoat B; Kelly L; Anas S; Herstine B; **Reisinger-Kindle K**. A Review of Ob/Gyn, Internal Medicine, Family Medicine, and Pediatrics Residency Program Websites for Diversity, Equity, and Inclusion Features. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

Rosenberger M; Mickens T; **Maxwell R; Reisinger-Kindle K**. Intergroup Dialogue as a Method to Improve Social Identity Development and Anti-Racism Understanding in Graduate Medical Education. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

Trost C, Calcei B, **Reisinger-Kindle K**. Oxytocin Reduction after Artificial Rupture of Membranes: A Pilot Study of Maternal and Fetal Outcomes. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

Brenner S, Hodges F, Rhone TJ, **Reisinger-Kindle K**. Patient-Centered Focus Groups as a Catalyst for Anti-Racism Research and Quality Improvement in an Urban Academic OB/GYN Clinic. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

Harvey B, Huber S, Hugue B, **Maxwell R, Reisinger-Kindle K**. Patient-Centered Focus Groups to Identify Perceived Barriers to Breastfeeding Among Black-Identifying Women for Intervention Development. Poster presented at Dayton Area Graduate Medical Education Community Apr 2022.

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)

Editorial Boards:

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

Consultantships

Dr. Maxwell

Reviewer, Austin Gynecology Case Reports
Reviewer, Academic Medicine

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

Editorial Board Member: Health Science Reports
Reviewer, Archives of Gynecology and Obstetrics
Reviewer, Journal of Women's Health
Reviewer: Obstetrics and Gynecology
Reviewer: Social Science and Medicine

Abstract Reviewer:

Dr. McKenna

Society for Maternal Fetal Medicine Annual Meeting.
Reviewer: Health Science Reports
Reviewer: Proceedings in Obstetrics and Gynecology

Dr. Towers

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

Dr. Reisinger-Kindle

CREOG Annual Meeting, Oral and Poster Abstracts

6 Summary of Service Activities

Committee membership/officer [indicate if committee chair]

Wright State University Boonshoft School of Medicine

Clinical Research Track, Medical Student Scholarly Projects Committee (Dr. Maxwell & Dr. Kindig)
Curriculum Committee (Dr. Kindig)
DAGMEC Grant Program -Chair (Dr. Maxwell)
Diversity/Equity/Inclusion Task Force, Co-Chair (Dr. Dhanraj)
Executive Committee (Dr. Massengill and Dr. Dhanraj)
Faculty Promotions and Awards Committee (Dr. Massengill)
Graduate Medical Education DEI Committee (Dr. Reisinger-Kindle)
Nominating Committee (Drs. Barhan, Towers, Massengill and Nagy)
OB/Gyn Career Advising (Dr. Barhan)
OB/Gyn Clinical Competency Committee (Drs. Maxwell, McKenna, Nagy, Reisinger-Kindle, Towers)

Committee membership/officer [indicate if committee chair]

Wright State University Boonshoft School of Medicine

OB/Gyn Continuing Education Committee (Drs. Barhan and Towers)
OB/Gyn Education Committee (Drs. Barhan, Harris, McKenna, Nagy, Nguyen, Reisinger-Kindle, Towers)
OB/Gyn Faculty Actions Committee (Drs. Barhan-Chair, Brown, Nahhas)
Operations Leadership Group /Deans Council (Dr. Dhanraj)
Search Committee for WSU Associate Dean of GME (Dr. Dhanraj and Dr. Massengill)
Strategic Planning Steering Committee (Dr. Dhanraj)
Undergraduate Medical Education DEI Committee Dr. Reisinger-Kindle)
WSU/BSOM REDCap Administrator (Dr. Maxwell)

Wright State University

Institutional Review Board (IRB) Vice Chair, March 2022 (Dr. D'Amato)
Research Committee, Office of Research Affairs (Dr. Maxwell)

Wright State Physicians

Finance Committee (Dr. Dhanraj)
Medical Director WSP OB/Gyn (Dr. D'Amato)
Quality Council (Dr. Dhanraj)

Premier Health Partners

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, McKenna, Nahhas)
Medical Staff Quality Committee (MSQC) (Dr. Barhan and Dr. Towers)
Department of Surgical Services Committee (DOSS) (Dr. Towers)
Member, Miami Valley Hospital Human Investigations Research Committee (HIRC) (Dr. Maxwell)
Berry Center Nursing Anti-Racism Research Committee (Dr. Reisinger-Kindle)
Obstetrics Safety Committee (Dr. Dhanraj)
Family Beginnings Quality Assurance Committee

Wright Patterson Medical Center

Executive Committee of the Medical Staff (ECOMS) 88th, MDG (Dr. Massengill)
Pharmacy and Therapeutics 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)
Executive Staff (Dr. Massengill)
Radiation Safety Committee (Dr. Massengill)
OB Perinatal Quality Forum (Dr. Napier)

Five Rivers Health Centers

Site Medical Director - Five Rivers Health Centers Center for Women's Health (Dr. Reisinger-Kindle)
Clinical Risk Management Committee (Dr. Reisinger-Kindle)
Quality Assurance Committee (Dr. Reisinger-Kindle)

Committee membership/officer [indicate if committee chair]

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 (Dr. Reisinger-Kindle)
Ohio Osteopathic Association (Dr. D'Amato)
Dayton Academy of Osteopathic Medicine (Dr. D'Amato)
Dayton OB/Gyn Society (Drs. Barhan, D'Amato, Harris, Kindig, Massengill, Nagy, Nahhas, Nguyen, Ore)
Ohio Medicaid Comprehensive Maternal Care Clinical Advisory Group (Dr. Dhanraj)
Montgomery County Fetal/Infant Mortality Review Board (Dr. Dhanraj)
Everyone Reach One: Co-Chair, Maternal Vitality Branch, Dayton Montgomery County Maternal and Infant Vitality Task Force

National

American College of Obstetricians and Gynecologist (ACOG) (Drs. Barhan, Harris, Massengill, Nagy, Nahhas, Nguyen, Reisinger-Kindle, Towers)
American Society of Reproductive Medicine (Dr. Harris)
American College of Osteopathic Obstetricians and Gynecologists (ACOOG), (Dr. D'Amato & Dr. Kindig)
American Osteopathic Association (AOA), (Dr. D'Amato & Dr. Kindig)
American Urogynecologic Society (AUGS) (Drs. Miller, Towers)
AUGS Quality Improvement/Outcomes Research Network (Drs. Maxwell, Towers)
ACOG Committee on Continuing Medical Education (Dr. Massengill)
ACOG Armed Forces District Advisory Council (Dr. Massengill)
ACOG Armed Forces District Section Chair (Dr. Massengill)
ACOG Armed Forces District, Junior Fellow Advisor (Dr. Massengill)
ACOG Armed Forces District, Treasurer (Dr. Massengill)
ACOG Armed Forces District, Executive Committee (Dr. Massengill)
ACOG Nominations Committee (Dr. Massengill)
ACOG District 1 District Advisory Council (Dr. Reisinger-Kindle)
North American Menopause Society (Dr. Barhan)
American Medical Association (Dr. D'Amato)
APGO American Professors of OBGYN (Dr. Kindig)
American Society of Addiction Medicine (Dr. Kindig)
Association of Professors in Gynecology and Obstetrics (Dr. Reisinger-Kindle)

Other

DAGMEC Virginia Woods Resident Research Forum – Judge (Dr. Maxwell and Dr. Reisinger-Kindle and Kindig)
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)
Richland Pregnancy Center, Hope Pregnancy Center – Volunteer reading of Ultrasound (Dr. Kindig)
Heartbeat of Lima – Medical Director, Volunteer reading of Ultrasounds (Dr. Kindig)

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Patient Care Summary

Outpatient Clinics

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

Five Rivers Health Centers – Center for Women's Health (Drs. Agudu, 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. Agudu, Anachebe, Barhan, D'Amato, Dhanraj, Duke, Harris, Kindig, Massengill, Miller, Nagy, Nahhas, Ore, Reisinger-Kindle, Tam, Towers, Watson)

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

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

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

Lima Memorial Hospital (Dr. Kindig)

Hospital / Inpatient

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

Soin Medical Center (Dr. Massengill)

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Honors and awards [Faculty or staff]

Physician Role Model Award (Dr. Massengill)

WSU Innovation in Medical Student Education (Dr. Kindig)

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Hosted events [CME, etc.]

MAY 25, 2022 RESIDENT RESEARCH DAY – JUDGES

Austin Findley, MD, MSCR FACOG, Associate Professor, Department of Obstetrics & Gynecology, University of Kansas School of Medicine
Sheila Barhan, MD, Associate Professor, Wright State University Boonshoft School of Medicine
Rose Maxwell, PhD, Research Director, Wright State University Boonshoft School of Medicine
Geoffrey Towers MD, Program Director, Wright State University Boonshoft School of Medicine

2022 RESEARCH DAY PRESENTERS

Rachel Booth, DO, R3, (Groll), "Sperm DNA Fragmentation and Environmental Counseling"
Samantha Brenner, MD, R3, (Reisinger-Kindle), "Patient-Centered Focus Groups as a Catalyst for Anti-Racism Research and Quality Improvement in an Urban Academic OB/GYN Clinic"
Meghan Dawson, DO, R3, (Reisinger-Kindle), "Patient Perspectives of Reason for Cesarean Section as Acquired Through Postpartum Interviews: A Pilot Study"
Brandon Harvey, DO, R3, (Reisinger-Kindle), "Utilizing Focus Groups to Identify Perceived Barriers to Breastfeeding Among Black-Identifying Women"
Marie Rosenberger, MD, R3, (Reisinger-Kindle), "Intergroup Dialogue as a Method to Improve Social Identity Development and Anti-Racism Understanding in Graduate Medical Education"
Cooper Trost, DO, R3, (Reisinger-Kindle), "Oxytocin Reduction After Artificial Rupture of Membranes: A Pilot Study of Maternal and Fetal"

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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.

Resident Education – Amenorrhea – Dr. D'Amato