



Department of Obstetrics & Gynecology
Annual Report

2015

Dr. Jerome L. Yaklic
Associate Professor and Chairman

For the period including
January 1, 2015 — December 31, 2015

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Statement from the Chair

The Wright State University Boonshoft School of Medicine (WSU/BSOM) Department of Obstetrics and Gynecology experienced many changes in 2015. The department completed its first strategic planning exercise in several years helping us better define our mission and vision for academic, educational, research and patient care activities. On the administrative side, through a combination of reorganization and attrition, we experienced significant changes in our management team. Connie Doherty joined our department as the Business Administrator and Cindi Vaughan joined the department as the faculty practice manager. Both proved very effective in their first year as we strive to turn our vision for the department into a reality.

The department celebrated the retirement of Dr. Janice Duke. A graduate of both the Boonshoft School of Medicine and the Wright State OB/Gyn residency program, Dr. Duke spent her entire medical career with our department; her contributions as a full time faculty member to the school of medicine and the department will be greatly missed. Dr. Duke was honored with the *Wright State University 2015 Academy of Medicine Outstanding Achievement in Medical Education and Research Award*. We look forward to her continued affiliation and contributions to our department as Professor Emeritus.

Both our residency program and our medical student clerkship continue to thrive. Under the direction of Dr. Michael Galloway, our Residency Program Director (PD), and his associate PDs (Dr. Ted Talbot and Dr. Nancy Lo), we continue to successfully attract and recruit an exceptional mix of both civilian and active duty military residents to our integrated OB/Gyn residency program with Wright-Patterson AFB. With resident graduates practicing across the country and around the world, we continue to train skilled clinicians capable of excelling in any patient care environment. Under the continued leadership of Dr. Sheela Barhan, our Medical Student Clerkship Director, we continued the transition to more team-based, active learning during the 3rd-year Women's Health clerkship. This more hands-on approach to learn has been shown to improve students' mastery of the material and better prepares them to succeed in the more collaborative practice environment in which they will work. We continued to provide a broad women's healthcare curriculum and experience to all the students rotating in our department.

Our department's research activities continue to expand. In addition to our faculty's typical academic productivity, we saw an increase in extramural funding for investigator-initiated projects and industry sponsored clinical trials., Dr. Rose Maxwell, the Director of OB/Gyn Research, deserves much of the credit for this as this was her first full year with our department. Dr. Steven Lindheim (in his third year with the department) has also proven vital to the department's research growth and success. His stalwart approach to research coupled with excellent networking skills have been very beneficial and helped to increase the exposure for our department, the BSoM and Wright State.

Lastly, it was only through the continued devotion and loyal contributions of all of our civilian, military and emeritus faculty our department was able to grow clinical and academic enterprises while improving our financial performance. The department ended the year in excellent condition. In 2016, we look forward to adding to our faculty complement allowing us to further grow our faculty practice, expand research activities, lead and innovate in undergraduate and graduate education to ensure we continue to produce physicians who raise the bar in providing healthcare to women.

2 Programs/Divisions

Name of Division or Program	Members	Dates
General OB/GYN	Dr. Janice Duke (Dir)	2000-2015
	Dr. Jerome Yaklic	2010-pres
	Dr. Sheela Barhan	1996-pres
	Dr. Josette D'Amato	2012-pres
	Dr. Austin Findley	2013-pres
	Dr. Michael Galloway	2007-pres
	Dr. Sarah J. Kidd	2014-pres
	Dr. Nancy Lo	2012-pres
	Dr. Kathryn Newton	2014-pres
	Dr. Casey Parini	2013-pres
	Dr. Ted Talbot	2012-pres
	Dr. Keira Urschel	2014-pres
Gynecologic Oncology	Dr. William Nahhas (Dir)	1983-pres
	Dr. Yovanni Casablanca	2013-pres
Maternal Fetal Medicine	Dr. Chris Croom (Dir)	2000-pres
	Dr. David McKenna	1998-pres
	Dr. Jiri Sonek	2000-pres
	Dr. Christine Kovac	2008-pres
	Dr. Dahlia Wenkus	2013-pres
Reproductive Infertility and Endocrinology	Dr. Steven Lindheim (Dir)	2014-pres
	Dr. Kathleen O'Leary	2012-pres
Urogynecology	Dr. Geoffrey Towers (Dir)	2004-pres
	Dr. Jason Massengill	2012-pres

3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Sheela Barhan M.D. Associate Professor Women's Health Clerkship Director	Breastfeeding Endometriosis Domestic Violence	Medical Education, Resident Education
Dr. Yovanni Casablanca Assistant Professor	Gynecologic Oncology	
Dr. Christopher Croom Assistant Professor	Obstetrical ultrasound, thrombophilia and autoimmune conditions in pregnancy, premature labor prevention and treatment, Maternal- Fetal Medicine medical ethics	

Name and Academic Position	Clinical Interests	Research Interests
Josette D'Amato, D.O. Assistant Professor	Low/high risk pregnancies, Adolescent gyn care, Minimally invasive surgery/hysterectomy, Endometrial ablation, (including ThermoChoice and NovaSure) procedures, Minimally invasive hysteroscopic tubal ligation (Essure) Contraception, including IUD, Menopause, hormone replacement therapy, bioidentical hormones	Endometriosis Study – Solstice and Case report in progress
Dr. Janice Duke Associate Professor	Menopause, perimenopause, routine & high risk OB, Int'l medicine	
Dr. Austin Findley Assistant Professor	Laparoscopic GYN surgery, pelvic pain, fibroids, endometriosis	Surgical outcomes, endometriosis, fibroids, pelvic pain, resident education and surgical simulation
Dr. Michael Galloway, DO, MSHPE Associate Professor Program Director, OB/GYN Residency Director of Gynecologic Surgery	Vaginal surgery, pelvic prolapse/reconstruction, advanced laparoscopic surgery, minimally invasive surgery	
Dr. Sarah J Kidd Instructor	Lifestyle modification to treat and prevent chronic disease	Underlying genetic predisposition to disease
Dr. Steven R. Lindheim Professor Director, REI	Infertility; Assisted Reproduction; Endocrine Disorders; Minimally Invasive Surgery (MIS)	Assisted Reproduction; Bioethics; MIS; Endometriosis; PCOS
Dr. Nancy Lo Assistant WPMC Associate Program Director	Abnormal uterine bleeding	Obesity in pregnancy

Dr. Jason Massengill - Assistant Professor WSU Boonshoft School of Medicine OB/GYN Department Chief & Urogynecologist, Wright Patterson USAF Medical Center Wright State Physicians, OB/GYN and FPMRS	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
Dr. Rose A Maxwell Assistant Professor Director, Research		Infant mortality, Fetal Alcohol Syndrome, Neonatal Abstinence Syndrome, Social influence, Pelvic Pain, Female Sexual Dysfunction
Dr. William Nahhas Professor Emeritus	Gynecologic oncology, surgery	
Dr. Kathryn Newton Instructor	General Obstetrics and Gynecology	
Dr. Kathleen M. O'Leary Associate Professor	Recurrent pregnancy loss, recurrent implantation failure, assisted reproductive technologies (ART) outcomes	Cost studies of assisted reproductive technologies, (ART) outcomes research
Dr. Casey Parini , Assistant Professor	General OB/Gyn	
Dr. George Theodore Talbot Assistant Professor Associate Residency Program Director	General OB/Gyn Minimally invasive gynecologic surgery, particularly robotics, Urinary Incontinence Procedures Centering (Group Prenatal Care) Resident Education	General OB/Gyn Minimally invasive gynecologic surgery, robotic Assessment of resident education and their acquisition of surgical skills
Dr. Keira B Urschel Instructor	General OB/GYN	Pain control after C- section, infection prevention after C- section
Dr. Dahlia Wenkus	Maternal Fetal Medicine	
Dr. Jerome Yaklic Associate Professor Chair	Vaginal surgery, incontinence and pelvic reconstructive procedures, robotic surgery, Interstim (sacral neuromodulation), operative laparoscopy hysteroscopy	

4 Teaching

Baccalaureate

Undergraduate medical education [medical school]

Dr. Barhan

Director *Women's Health* elective (year 1)

Lecturer for ICM II (Intro to Clinical Medicine), *Physiologic Changes in Pregnancy*

Lecturer for Ob/Gyn Clerkship (year 3) Miscarriage, Ectopic Pregnancy, Endometrial Cancer, Cervical Cancer, Endometriosis, Preeclampsia, OB Gyn Case Studies, Postpartum Fever, Cervical Dysplasia and Intrauterine Growth Restriction

Dr. D'Amato

OB/Gyn Clerkship (year 3) Lecture – "Intrapartum Fetal Heart Rate Monitoring"

Teach students fundamentals of OB/Gyn while in multiple clinical situations including labor and delivery, postpartum, operating room, postoperative, private office and resident clinic

Dr. Findley

MS 3 Lecture: "Dysmenorrhea and Chronic Pelvic Pain." Given each OB/GYN rotation

MS3 Clerkship Coordinator, WPAFB Medical Center

Medical Student OB/GYN Interest Group: Surgical Simulation Lab

Dr. Galloway

2nd Year Student Advisor, Classroom Lecture: "Menopause", Reproductive Course Case Studies

3rd Year Labor & Delivery – Teach student's fundamentals of obstetrics while on labor floor.

OB Service, Postpartum Rounds and Clinics. Weekly staffing of postpartum rounds and related patient care with student and residents. Review of students and inter notes and teach aspects of obstetrics on a clinical level on the postpartum rounds and in the clinic. Present patients on rounds or clinic.

Gynecology Staff Service – Teach during post-operative rounds and preoperative rounds. Students present patients and plan of care. Students also present a brief topic's related to the gynecology rotation. Teach suturing and knot tying skills, laparoscopy and robotic surgery.

Students Presentations of History and Physical – 1 OB history and physical and 1 Gyn history and physical.

Classroom Lecture: "Pelvic Organ Prolapse/Urinary Incontinence"

Brethen Center Minimally Invasive Surgery Simulator Teaching – Laparoscopic and robotic training

Rotational evaluations for gynecologic service

Private Office-weekly clinical teaching with students while seeing my private patients.

4th Year Labor and Delivery – Preceptor for elective 4th year on OB or Gyn rotations as scheduled.

Dr. Kidd

Teaching basic clinical OB/Gyn knowledge to medical students; providing a focus on information pertinent to all specialties that may be pursued in residency training.

Undergraduate medical education [medical school]

Dr. Lindheim

Invasive Journal Club

Endometriosis and Infertility

Primary Amenorrhea

REI Overview

In the Wake of the Women's Health Initiative – 13 Years Later Menopause and Hormonal Therapy
Ethics in REI

Dr. Massengill

Lectured every other month on urinary incontinence and pelvic organ prolapse for the MSIII
OB/GYN rotation – 8 total

Lectured on Normal Labor and Delivery patterns x 1 and dysmenorrhea x 1

MSIII core faculty during OB/GYN rotation at Wright Patterson USAF Medical Center

Dr. Talbot

2nd year medical student Reproductive Course, April 2015. Presented lectures on PCOS.

Hyperandrogenism and Hyperprolactinemia/Pituitary Adenomas.

3rd year medical students

Monthly case presentations during their Core Clerkship OB/Gyn

Lecture on "Pre-Term Ruptured Membranes" for Clerkship in OB/Gyn

Lecture on "Post-Partum Care" for Clerkship in OB/Gyn

General educational presentation on rounds during clinical service time on the obstetrical
and gynecologic services at Miami Valley Hospital

Educational proctoring/preceptoring at the Five Rivers Health Centers, Center for Women's
Healthcare clinics during their core clerkship rotation

Dr. Urschel

Clinical Instructor at Wright State University Boonshoft School of Medicine in OB/GYN.

Trained 3rd and 4th year medical students in the science and art of pregnancy (antepartum,
intrapartum and postpartum care), common Gyn ailments including pelvic pain, abnormal
uterine bleeding, cervical screening and dysplasia treatment, STD testing and treatment.

Exposed students to surgical procedures including, C-section, tubal sterilization, operative
laparoscopy, hysteroscopy, abdominal/vaginal laparoscopic hysterectomy.

Dr. Yaklic

Sub I Elective in Obstetrics, Year 4, Wright State University School of Medicine

Sub I Elective in Gynecology, Year 4, Wright State University School of Medicine

Women's Health Clerkship, Year 3, Wright State University, School of Medicine

Biennium One Teaching (year 1 and 2)

Obstetric Observation: Coordinated student observation of labor and delivery. Lectured on basic
terminology and methodology used in labor and delivery. **(Dr. Duke)**

SMD 551, Reproductive Health Course-Year 2, **Director (Dr. Duke)**

Graduate medical education (residents, fellows)

Dr. Barhan

Ob/Gyn resident lectures, Normal Labor, Abnormal Labor, Pregnancy Termination, Ectopic

Pregnancy, amenorrhea, benign breasts disease, Operative vaginal delivery, Post-term
pregnancy, CREOG Review

Graduate medical education (residents, fellows) cont':

Dr. D'Amato

Supervise, proctor, and assist OB/Gyn residents in all aspects of patient care

Dr. Findley

Resident Lectures: "Adnexal Masses"; "Vulvar Dystrophies"; "Principles of Electro Surgery"
Cadaveric Anatomy Lab: Instructor. Done bimonthly in Brethen Center

Dr. Galloway

Laparoscopic Training FLS "Basic and Advanced for Gynecology"
Gynecology Surgical Rotation
Brethen Center for Advancement in Minimally Invasive Surgery
Robotic Surgery Training
Residency Training Network (RTN)
Obstetric Safety and Simulation Berry Sim Center (L&D)
Obstetric Emergency Simulation Drills, Quarterly Multidisciplinary Miami Valley Hospital Internal
Medicine Residents Cover supervision in the GYN Clinic as needed
General surgical Residents
 Robotic training
 Lap Sim set up assistance
 Coordination of Training in Brethen Center

Dr. Kidd

In-depth clinical training using evidence based practice in many settings including Labor & Delivery,
Surgery, Inpatient and Outpatient Care.
Providing feedback on knowledge and skill set.

Dr. Massengill

Performed 5 lectures on a variety of topics for residents during academic year – CREOG review,
Geriatric GYN, Pelvic Organ Prolapse, Mentorship & Vaginal Hysterectomy Techniques
Served as one of 2 core FPMRS core faculty for resident Urogynecology rotation at Wright
Patterson USAF Medical Center
Assisted FPMRS fellow with research project at Walter Reed – telephonically
Developed curriculum and served as core faculty for GYN cadaver dissection (8 hours of education)
5 labs
Resident Core Faculty for OB/GYN and Urogynecology rotations at Wright Patterson USAF Medical
Center, supervised and taught 54 surgeries
WPMC WSU Integrated OB/GYN Intern Bootcamp – 6 hours of skill stations, lectures for 6 interns

Dr. Urschel

Supervised residents in ambulatory GYN and OB clinics.
Instructed residents on the performance of early OB ultrasound, BPP, cervical length and growth
scans.
Provided attending coverage on labor and delivery for supervision of intrapartum, vaginal and C-
section deliveries.
Educated residents in morning report with latest ABOG guidelines and aided in the management of
postpartum patients.
Attended GYN preoperative meetings to assist with preoperative planning, and management of
gynecological surgery patients.
Provided Gyn surgical and postoperative care to staff patients and educated residents in
appropriate management of routine postoperative care as well as complications.
Provided emergency and consultative care for ER, and Hospitalist services.

OB Teaching (Involves both Residents and Students)

Dr. Galloway

Continuity Care Clinics (Proctoring) – Assist residents with more difficult exams and evaluation of patients. Review history, physical and plan with residents. Patients are examined with interns in the clinic the first 6 months of residency.

Labor and Delivery Supervision – Obstetrical delivery both spontaneous, instrumental and surgical or C-Sections on a regular scheduled basis during the week as well as in-house night call 4 or 5 times per month.

Core Text Lecture: “Giving Bad News”

Post-partum rounds

Random Safety Audits Coordination OB Service Quality Improvement

Resident Lectures: “Fatigue”, “Burnout”, “Transitions of Care”, “Effective Communication”, “Fetal Monitoring: “Patient Safety”

Dr. Lindheim

Wright State University, Boonshoft School of Medicine, Department of Obstetrics and Gynecology, Dayton, OH, Journal Club, July 2015, August 2015, and October 2015

Dr. Talbot

Weekly Pre-Operative Conference, Morbidity/Mortality Conference with residents

Mentor/Preceptor to residents of all levels on their mandatory research projects (meet monthly to review project

Conduct surgical simulation training for laparoscopic and robotic surgical skills in the MVH Brethen Center

Lead surgical dissection exercises with gynecology residents, Cadaver Lab

Conduct OB emergency simulation training via the NOELLE OB emergence simulator at MVH

Present lectures to resident on Colposcopy, Recurrent Pregnancy Loss, PCOS, Abnormal Uterine Bleeding

Conduct PROLOG review sessions in preparation for residents’ written Board exam

GYN Teaching

Dr. Galloway

Gynecology Staff Service – Teaching during postoperative rounds

Gynecology Surgeries – Proctor all four levels of residents with staff surgical patient, from minor procedures to major abdominal, vaginal and minimally invasive robotic procedures. Teach residents by allowing all 4 year levels to be primary surgeons with participating private practice patients (according to their skill level)

“Cadaver Day” – Minimally Invasive Surgery Techniques – Laparoscopic, Robotic, Vaginal Pre-op gynecology meeting – weekly review of surgical cases with residents and faculty

Fundamentals of Laparoscopic Surgery (FLS) for Gyn residents

Didactic Lecture – “Gynecological Surgery and Hysterectomy”, “Pelvic Anatomy”

Robotic Surgery in Residency

Continuity Care Clinics (Proctoring) – Assist residents with more difficulty exams. Review history, physical assessment and plan. Patients are examined with interns for the first 6 months and as needed with upper level residents

Five Rivers – CWH Gyn Clinics – Specialty clinic with gynecology residents

WSU Medical Students – Every rotation Brethen Center Laparoscopic and Robotic Surgical

Continuing medical education

Medical Student lecture on postpartum care X6 (Dr. Urschel)
Dermatosis of pregnancy – resident lecture (Dr. Urschel)
Thyroid disorder of pregnancy – resident lecture (Dr. Urschel)
CREOG Review – resident education – 5 hours (Dr. Urschel)

Continuing medical education (grand rounds, seminars)

Vaginitis; Ventolini G, Barhan S. at FIGO Vancouver, Canada, Oct 2015 **(Dr. Barhan)**
Lecture presented to Psychology students at WSU Human Sexuality Class on Contraception
Methods and Prevention of Sexually Transmitted Infection; 11/03-2015 **(Dr. D'Amato)**
Hysteroscopy Simulation Course: Brethen Center **(Dr. Findley)**
Ethics in REI, September 2015, **(Dr. Lindheim)**
Wright State University, Boonshoft School of Medicine, Department of Surgery, Dayton, Ohio
Ethical and Legal Issues in Reproductive Medicine Including Posthumous Reproduction
Making Hard Decisions in the 21st Century February 2015 **(Dr. Lindheim)**
Reid Medical Center, In the Wake of the Women's Health Initiative: Thirteen Years Later, July 2015
(Dr. Lindheim)
Wright State University, Boonshoft School of Medicine, Department of Obstetrics and Gynecology,
Dayton, Ohio, In the Wake of the Women's Health Initiative: Thirteen Years Later July 2015
(Dr. Lindheim)
Dayton Children's Hospital, Department of Pediatrics Oncology, Dayton, Ohio Fertility Preservation
in Children, Adolescents and Young Adult Cancer Patients, August 2015 **(Dr. Lindheim)**
University of Kentucky, Department of Obstetrics and Gynecology, Lexington, KY, Update in the
Management of Polycystic Ovarian Syndrome, December 2015, **(Dr. Lindheim)**
University of Kentucky, Department of Obstetrics and Gynecology, Lexington, KY, Ethical and Legal
Issues in Reproductive Medicine: Making Hard Decisions in the 21st Century December 2015,
(Dr. Lindheim)
Attended ACOG sponsored ACGME/CREOG Program Director School. April, 2015; Chicago, Illinois,
and July, 2015; Detroit, Michigan **(Dr. Talbot)**

Other

On Gynecology Anatomy and Physiology. 2 hour educational seminar. Sexual Assault Nurse Examiner
(SANE) Training. SANE of Butler County, September 2015. **(Dr. Barhan)**
Hologic District Sales Force Training, Cincinnati, Ohio, February 2015: Hysteroscopy 2015
(Dr. Lindheim)
Progenity, San Diego, CA, March 2015: Reproductive Medicine 101 **(Dr. Lindheim)**
48th Annual ASRM Postgraduate Program, Baltimore, MD, October 2015, Hysteroscopy for the REI
Surgeon **(Dr. Lindheim)**

5 Scholarly Activity

Funded grants

Dr. Lindheim

A Comparison of the Effects of Abstinence on the Accumulation of DNA Fragmentation of Ejaculated Sperm in Men Undergoing Semen Analysis Compared to a Second Ejaculation within 1-2 Hours of Semen Production.

Abbvie: Non-Invasive Bio-Markers Using Proteomic, Glycomic, and Metabolomic Analysis in Diagnosing Women with Endometriosis (\$220,000).

Bayer HealthCare, 2015, Can Contrast Infused Sonography Using Air Bubbles Replace Hysterosalpingogram as the Diagnostic Evaluation of Fallopian Tube Patency Following Hysteroscopic Sterilization Using Essure™? 2015 (\$105,000) Sub-Investigator, AUGS QI – ORN (PI: Yaklic) funded by AUGS (\$12,500) 2015 (Maxwell).

Bayer HealthCare, A Post-Approval Study to Evaluate the Effectiveness of Essure™ Post-NovaSure Radiofrequency Endometrial Ablation Procedure Following a Successful Essure Confirmation Test.

Bayer HealthCare, A Randomized, Double Blind, Double-Dummy, Parallel-Group, Multi-Center Phase Ib Study to Assess the Efficacy and Safety of Different Dose Combination of an Aromatase Inhibitor and a Progestin in an Intravaginal Ring Versus Placebo and Leuporelin/Leuprolide Acetate in Women with Symptomatic Endometriosis Over a 12-Week Treatment Period.

Hologic: Hysteroscopic Morcellation and Tissue Effects: An Ex Vivo Feasibility Study (\$30,000).

Hologic: Incidence and Functional Viability of Disseminated Endometrial Cancer Cells during Hysteroscopic Morcellation: An Ex Vivo Study (\$60,000)

Progenity, Expanded Global Carrier Screening (GCS) in Clinical Practice: A Survey of Physician and Patients' Impressions and Attitudes, 2015, (\$16,000).

The Elagolix Endometriosis Study (Solstice and the Esparios Endometriosis Study (Drs. Lindheim and Talbot).

Wright State University, Boonshoft School of Medicine: Non-Invasive Bio-Markers Using Proteomic, Glycomic, and Metabolomic Analysis in Diagnosing Women with Endometriosis (\$50,000).

Dr. Talbot

The Elagolix Endometriosis Study (Solstice and the Esparios Endometriosis Study The Role of Hope in Overcoming Barriers to Receiving Adequate Prenatal Care. A survey based population study through Five Rivers Health Center and Miami Valley Hospital. (Lindheim)

Funded grants

Dr. Maxwell

Bayer HealthCare, 2015, Can Contrast Infused Sonography Using Air Bubbles Replace Hysterosalpingogram as the Diagnostic Evaluation of Fallopian Tube Patency Following Hysteroscopic Sterilization Using Essure™? 2015 (\$105,000) Sub-Investigator, AUGS QI – ORN (**PI: Yaklic**) funded by AUGS (\$12,500) 2015 (**Dr. Lindheim**).

Dr. Yaklic

AUGS Quality Improvement - Outcomes Research Network
Quality in Prolapse Surgery (QuIPS) (Active)
Quality in Anti-Incontinence Surgery (QuAIS) (Active)
(\$4,350)

Grants Submitted

NICHD (R21): Impact of Dietary Xenoglycan-Induced Inflammation on Transcriptomic, Proteomic, Glycomic, and Cytokine Markers in the Uterine Endometrium of Infertile Women (**PI: Lindheim**) (\$422,581.00) (**Dr. Maxwell**)

HRSA: Identifying the Relationship between Type of Neighborhood Crime and Infant Mortality in Dayton, Ohio to aid targeted intervention (\$98,275.00) (**Dr. Maxwell**)

OMAS: Assessment of Maternal and Infant/Child Health in Ohio Using the 2015 Ohio Medicaid Assessment Survey (\$78,569.00) (**Dr. Maxwell**)

NVA: Validation of Proteomic and Cytokine Biomarkers in the Diagnosis of Vulvodynia (**PI: Yaklic**) (\$30,000.00) (**Dr. Maxwell**)

EMD Serono (Concept proposal): Impact of Dietary Xenoglycan-Induced Inflammation on Transcriptomic, Proteomic, Glycomic, and Cytokine Markers in the Uterine Endometrium of Infertile Women (**PI: Lindheim**) (\$122,778.00) (**Dr. Maxwell**)

Publications

Papers in refereed journals

Abtahi K, Malshe A, **Yaklic JL**, How Many Women Who Present to the Emergency Room for Obstetric or Gynecological Problems Leave with Contraception – A Preliminary Study, WSU/BSOM Ob/Gyn Resident Research Day. May 2015 (oral).

Anderson CK, Tanis J, Hastmann TJ, Lindberg SM, Smith AM, **Lindheim SR**, Whigham LD. Excess Gestational Weight Gain in Low-Income Overweight and Obese Women: A Qualitative Study. J Nutr Educ Behav 2015, pii: S1499-4046 (15)00536.

Bhagavath B, Behrman E, Salari BW, Vitek W, Barhan S, **Yaklic JL**, Lindheim SR. Metroplasty to Treat Chronic Pelvic Pain Resulting from Outflow Tract Mullerian Anomalies. AJOG 2015.Dec; 213(6):871.e.-3. doi: 10.1016/j.ajog.2015.09.007.Epub 2015 Sep 9.

Carey E & **Findley A**, Caring for Patients with Chronic Pelvic Pain. Contemporary OB/GYN. Jan 6, 2015.

Publications cont':

Papers in refereed journals

Coyne K, O'Leary K, **Yaklic JL**, Whigham LD, **Lindheim SR**. Gestational Carrier (GC) BMI and Reproductive, Fetal and Neonatal Outcomes: Are the Risks the Same with Increasing Obesity? *J Obesity* 2015;doi:10.1038/ijo.2015.159.

Eschilman A, Welsh S, Martinez AM, Sroga JM, **Maxwell R**, and **Lindheim SR**. Is There a Role for Conservative Treatment in Those with Unilateral Tubal Occlusion? *Medical Research Archives*, 2015; 2:1-10.

Gagneux P, & **Lindheim SR**. "Chimp Meets Man and Woman". *Fertil Steril*, 2015; 104(3):533.

Iwanoff CJ, Barbier HM, **Massengill JC**, Lomdardini ED, Christensen CL, Buller JL, Gruber DD. Laparoscopic Colpotomy Using Monopolar Electrocautery: Does Power Really Matter? (2015) *Female Pelvic Med Reconstruc Surg* 21(3): 141-5. PMID: 25521469.

Kujansuu S, Salari BW, **Galloway M**, **Findley A**, **Yaklic JL**, **Massengill J**, **Lindheim SR**. Contained Morcellation Using the GelPOINT Advance Access Platforms and 3M Steri-Drape Endobag. *Fertil Steril*. 2015 May;103(5):e36. doi: 10.1016/j.fertnstert.2015.02.017. Epub 2015 Mar 13.

Lindheim SR and Jaeger AS, Expanded Preconception Carrier Screening (GPCS) in Clinical Practice: Cutting the Gordian Knot. *Fertil Steril*, 2015; 104(2):281-2.

Sroga JM, Wu DH, Ma F, Ressler IB, Ferrari, RA, Gagneux, P, **Lindheim, SR**. Detection of Xenoglycan N-Glycolylneuraminic Acid (Neu5GC) and Directed Anti-Neu5GC Antibodies (Abs) Within the Male and Female Reproductive Tracts of Infertility Patients. *COGRM* 2015; DOI:10.15761/COGRM.1000120

Skanes-DeVold H, **Maxwell RA**, **Lindheim SR**. Unintended Pregnancy and Contraceptive Use: Perceptions & Prevention. *J Contraceptive Studies* 2015;1:1-3

Tan T, Davis FM, Gruber DD, **Massengill JC**, De Vita R. Histo Mechanical Properties of the Swine Cardinal and Uterosacral Ligaments (2015) *J Mech Behav Biomed* 42:129-37. PMID 25482216.

VanderPas Lamb S, **Massengill JC**, Sheridan M, Stern L, von Pechmann W. Safety and Efficacy of Combined Abdominal Sacral Colpopexy and Sigmoid Resection with Suture Rectopexy: A Retrospective Cohort Study (2015) *Female Pelvic Med Reconstruc Surg* 21(1): 18-24. PMID 25185604.

Whigham LD, Durrant M, **Yaklic JL**, **Lindheim SR**. PCOS from Conception to Menopause: A Review of Our Understanding. *Andrology & Gynecology: Current Research*, 2015; 3(1):1-11.

Book Chapters

Barhan, S. Vaginitis. *Manual of Infectious Disease* (2015). Eds Burdette SD, Yu VL, ESun Technologies, 2007.

Published abstracts

Bhagavath B, Behrman E, Salari BW, **Yaklic JL**, **Lindheim SR**. Gynecologic Indications for Strassman and Modified Strassman Metroplasty Using Robotically Assisted Laparoscopy. The 2015 Virginia C. Wood Resident Research Forum, Dayton Area Graduate Medical Education Community, Dayton, Ohio, April 2015.

Published abstracts cont':

Coyne K, Purdy M, O'Leary K, **Yaklic JL, Lindheim SR**, Appiah L. Challenges and Considerations in Optimizing Ovarian Stimulation Protocols in Oncofertility Patients. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April, 2015.

Eschliman A, Welsh S, Sroga JM, Martinez AM, Parry JP, **Maxwell R, Lindheim SR**. Is There a Role for Conservative Treatment in Those with Unilateral Tubal Occlusion? The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April, 2015.

Napier V, Warwar R, Watson K, **Maxwell R, Lindheim SR**. Evaluation of the Use of Unidirectional Barbed Suture at Cesarean Section. Abstract Presented at the 2015 Armed Forces District ACOG meeting in Norfolk, Virginia. Oct 18-21, 2015 and The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, October, 2015.

Salari BW, Bhagavath B, **Galloway M, Yaklic JL, Lindheim SR**. The Hysteroscopic Morcellator to Overcome the Challenging Cervix. Presented at The 71st American Society of Reproductive Medicine, Baltimore, MD, October, 2015.

Simpson S, Warwar R, Ressler IB, O'Leary K, **Maxwell RA, Lindheim SR**. Discordance of Antral Follicle Count between Ovaries Confers No Difference in Clinical Outcome during ART Cycles. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, October, 2015.

Skanes-DeVold H, **Maxwell RA, Lindheim SR**. Unintended Pregnancy and Contraceptive Use: Perceptions & Prevention. Presented at The 71st American Society of Reproductive Medicine, Baltimore, MD, October, 2015.

Xiang S, Wang L, Wu Y, **Lindheim SR, Maxwell R**, Rehbein J, Jiang X, Hua F. Association of Serum 25-Hydroxyvitamin D with Symptoms of Depression in Chinese Women with Polycystic Ovary Syndrome. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April, 2015.

Welsh S, Eschliman A, Martinez AM, **Maxwell R, Sroga JM, Lindheim SR**. Is There A Role For Conservative Treatment in Those With Unilateral Tubal Occlusion? Poster Presentation at WSU BSOM Seventh Annual Medical Research Symposium, April 2015.

Significant presentations

Behrman E, **Barhan S, Yaklic JL, Lindheim SR**. Robot Assisted Strassman Metroplasty To Treat Patients with Outflow Tract Mullerian Anomalies And Chronic Pelvic Pain. Presented at The 2015 Virginia C. Wood Resident Research Forum, Dayton Area Graduate Medical Education Community, Dayton, OH.

Bhagavath B, Behrman E, Salari BW, **Yaklic JL, Lindheim SR**. Gynecologic Indications for Strassman and Modified Strassman Metroplasty Using Robotically Assisted Laparoscopy. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April 2015 and The 2015 Virginia C. Wood Resident Research Forum, Dayton Area Graduate Medical Education Community, Dayton, Ohio, April 2015.

Coyne K, Purdy M, O'Leary K, **Yaklic JL, Lindheim SR**, Appiah L. Challenges and Considerations in Optimizing Ovarian Stimulation Protocols in Oncofertility Patients. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April, 2015.

Significant presentations cont':

Eschliman A, Welsh S, Sroga JM, Martinez AM, Parry JP, **Maxwell R, Lindheim SR**. Is There A Role for Conservative Treatment in Those with Unilateral Tubal Occlusion? The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April 2015.

Hill, S., Corbett, J., **Galloway, M**. "Does the Order of Surgical Methodology Training Affect Learning and Skills?" WSU Medical Student research project Poster Presentation. AAGL Internal Conference November 2015

Napier V, Warwar R, Watson K, **Maxwell R, Lindheim SR**. Evaluation of the Use of Unidirectional Barbed Suture at Cesarean Section. The 2015 Armed Forces District ACOG Meeting in Norfolk, Virginia. Oct 18-21, 2015 and The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, October 2015.

Salari BW, Bhagavath B, **Galloway M, Yaklic JL, Lindheim SR**. The Hysteroscopic Morcellator to Overcome the Challenging Cervix. The 71st American Society of Reproductive Medicine, Baltimore, MD, October 2015.

Simpson S, Warwar R, Ressler IB, O'Leary K, **Maxwell RA, Lindheim SR**. Discordance of Antral Follicle Count between Ovaries Confers No Difference in Clinical Outcome during ART Cycles. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, October, 2015.

Skanes-DeVold, H, **Maxwell RA, Lindheim SR**. Unintended Pregnancy and Contraceptive Use: Perceptions & Prevention. The 71st American Society of Reproductive Medicine, Baltimore, MD, October 2015.

Skanes-DeVold, **Lindheim SR**. Cultural Perceptions on Contraception in Post-Partum Patients. The 71st American Society of Reproductive Medicine, Baltimore, MD, October 2015

Whigham LD, Durrant M., **Yaklic JL, Lindheim SR**. PCOS from Conception to Menopause: A Review of Our Understanding. The 2015 Wright State Central Research Forum.

Xiang S, Wang L, Wu Y, **Lindheim SR, Maxwell R**, Rehbein J Jiang X, Hua F. Association of Serum 25-Hydroxyvitamin D with Symptoms of Depression in Chinese Women with Polycystic Ovary Syndrome. The Central Research Forum, Wright State University, Boonshoft School of Medicine, Dayton, Ohio, April 2015.

Yaklic, JL. "Negotiation Skills for the Ob/Gyn Business Manager", Association of Managers of Obstetrics and Gynecology (AMGO) Annual Meeting, San Francisco, California, April, 2015

Peer Review Paper Publications

Behrman E, **Barhan S, Yaklic JL, Lindheim SR**. Robot Assisted Strassman Metroplasty To Treat Patients with Outflow Tract Mullerian Anomalies and Chronic Pelvic Pain. (AJOG 2015).

Bhagavath B, Behrman E, Salari BW, **Yaklic JL, Lindheim SR**. Gynecologic Indications for Strassman Procedure (AJOB, 2015).

Bhagavath B, Behrman E, Salari BW, **Yaklic JL, Lindheim SR**. Gynecologic Indications for Strassman Procedure (Fertil Steril, 2015).

Peer Review Paper Publications cont':

Cowan M, Crantz J, Welsh S, **Nahhas W, Lindheim SR**. A Rare Case of Pseudo-Meigs' Syndrome Caused by Uterine Leiomyomata Presenting with Ruptured Leiomyoma and Hemorrhagic Shock. *Obstet Gynecol Cases Rev*, 2015.

Coyne K, O'Leary K, **Yaklic JL**, Whigham LD, **Lindheim SR**, Gestational Carrier (GC) BMI and Reproductive Fetal and Neonatal Outcomes: Are the Risks the Same with Increasing Obesity: *Int J Obesity*, 2015. 159 (Epub ahead of print).

Eschliman A, Welsh S, Sroga JM, Martinez AM, Parry JP, **Maxwell R, Lindheim SR**. Is There a Role for Conservative Treatment in Those with Unilateral Tubal Occlusion? *Medical Research Archives*, 2015;2:1-10.

Havemann I., **Maxwell R, Lindheim SR**. A Genetic Need for Menopause: Reflections and New Perspectives. *Andrology & Gynecology: Current Research*, (At press)

Koppoe NA, **Lindheim SR**. Ovulation Induction Strategies for the General Practitioner 2015 (In preparation).

Kujansuu S, Salari BW, **Galloway M, Findley A, Yaklic JL, Massengill J, Lindheim SR**. Contained Morcellation Using the GelPOINT® Advance Access Platforms and 3M Steri-Drape™ Endobag. *Fertil Steril* 2015; 104(2)281-2.

Lindheim SR, Welsh S, Jiang N, Whigham LD. Call to Arms: Recognizing and Eliminating Bias against Overweight and Obese Women in Women's Health Care. *Andrology & Gynecology: Current Research*, 2015.

Lindheim SR, Stammler S, Jaeger AS. Expanded Preconception Carrier Screening (GPCS) in Clinical Practice: Opening Pandora's Box. *Andrology & Gynecology: Current Research*, 2015;3(1):1-2.

Napier V, Warwar R, Watson K, **Maxwell R, Lindheim SR**. Evaluation of the Use of Unidirectional Barbed Suture at Cesarean Section. 2015 (In Preparation)

Skanes-DeVold H, **Maxwell RA, Lindheim SR**. Unintended Pregnancy and Contraceptive Use: Perceptions & Prevention. 2015;1:1-3.

Sroga JM, Wu DH, Ma F, Ressler IB, Ferrari RA, Gagneux P, **Lindheim SR**. Detection of Xenoglycan N-Glycolyneuraminic Acid (Neu5GC) and Directed Anti-Neu5GC Antibodies (Abs) Within the Male and Female Reproductive Tracts of Infertility Patients. *J. Obstet Gynecol Research* 2015.

Welsh S, Whigham LD, **Maxwell R, Lindheim SR**. A Review of the Impact of Obesity on Reproduction and Potential Barriers in Conveying the Message.

Whigham LD, Durrant M, **Yaklic JL, Lindheim SR**. PCOS from Conception to Menopause: A Review of Our Understanding. *Andrology & Gynecology: Current Research*, 2015; 3(1)1-11.

Xiang S, Wang L, Wu Y, **Lindheim SR, Maxwell R**, Rehbein J Jiang X, Hua F. Association of Serum 25-Hydroxyvitamin D with Symptoms of Depression in Chinese Women with Polycystic Ovary Syndrome. (In press)

Consultantships

Team Leader, Research Group with OBGYN Residency Program serving as mentor/consultant to five OBGYN residents in their respective research projects. **(Dr. Talbot)**
Cooper Surgical (Advisor) **(Dr. Lindheim)**
Abbott Pharmaceutical **(Dr. Lindheim)**
Progenity **(Dr. Lindheim)**
Healthy Start Program Evaluator for Five Rivers Health Centers **(Dr. Maxwell)**
Health Start Initiative – Eliminating Disparities in Perinatal Health **(Dr. Maxwell)**
Health (HRSA-14-121-Level 1) (\$7,000) **(Dr. Maxwell)**

Other Recognition

Ad Hoc Review Committee, Journal of Minimally Invasive Gynecology **(Dr. Findley)**
APGO/CREOG Meeting, March 4-7, 2015, San Antonio, Texas **(Dr. Galloway)**
CREOG Educational Summer Retreat, July 23-24, 2015; Detroit, Michigan **(Dr. Galloway)**
WSU Overview Statistics 2015 **(Dr. Galloway)**
AAGL International Conference November 15-19, 2015, Las Vegas, Nevada **(Dr. Galloway)**
MIGS and Gynecologic Surgery: Mini-Fellowship” University of South Florida, Tampa, FL (Feb. 2015) **(Dr. Galloway)**
Healthcare Management Certificate” Premier Health/WSU 2015 **(Dr. Galloway)**
Editorial Board, World Journal of Medical Genetics **(Dr. Lindheim)**
Associate Editor, Video Committee, Fertility Sterility **(Dr. Lindheim)**
Editorial Board, Andrology & Gynecology Current Research, **(Dr. Lindheim)**
Editorial Board, Journal of Gynecology and Obstetrics Medicine **(Dr. Lindheim)**
Editorial Board, Women’s Health-Open Journal **(Dr. Lindheim)**
Presently collaborating in departmental research on a national endometrial study and a departmental study on the use of the On Q Pain Ball Catheter System for Pain Management in Patients Undergoing Caesarean Section **(Dr. Talbot)**
Similar collaboration on a study of preeclampsia involving biochemical serum markers in patients **(Dr. Talbot)**

Library

Core text for both Obstetrics and Gynecology **(Dr. Galloway)**
Multiple texts: Operative Gynecology, Maternal Fetal Medicine, Breast, Ultrasound, Primary Care, Reproductive Endocrinology, Gynecologic Oncology, pelvic Surgery, Gynecology, Obstetrics **(Dr. Galloway)**
Journals: Obstetrics and Gynecology, Journal of Minimally Invasive Gynecology **(Dr. Galloway)**
Journal of Robotic Surgery, ACGME Journal **(Dr. Galloway)**
Video Tape Library – Various procedures on DVD for surgical techniques to work with residents as needed for different gyn types of surgery from incontinence to hysterectomy and different surgical devices. **(Dr. Galloway)**

Presentations

“Mock Trial WSU, Premier Organizer/Presenter October 2015 **(Dr. Galloway)**
“MIS Surgery and anatomy” Brethen Center Ohio 2nd Year resident Multi-Institutional Symposium May 2015 **(Dr. Galloway)**

IRB Protocols:

A Comparison of Proteomic and Glycomic Analysis of Follicular Fluid Derived Women with Polycystic Ovary Syndrome Compared to Normal Controls **(Dr. Lindheim)**

Banking and Disbursement of Tissue and Other Biologic Materials. **(Dr. Lindheim)**

Embryo Directives (ED) Chosen in Consents for autologous and donor IVF cycles: Matching Consent with Directives, Boonshoft School of Medicine, Wright State University, Initiated 2014 **(Dr. Lindheim)**

Gestational Surrogate Body Mass Index and Reproductive and Fetal-Neonatal Outcomes: Are the Risks the Same with Increasing Obesity? Boonshoft School of Medicine, Wright State University, Initiated 2014. **(Dr. Lindheim)**

Health-related Quality of Life Measurement in Women with Polycystic Ovary Syndrome on Combined Oral Hormonal Contraception. **(Dr. Lindheim)**

Human Tissue Cryopreservation for Future Experimental Research **(Dr. Lindheim)**

Improving the Informed Consent Process for Infertile Patients Using the Assisted Reproductive Technology Insight Screening Tool (ARTIST) **(Dr. Lindheim)**

Ovarian Tissue Cryopreservation. Boonshoft School of Medicine, Wright State University, Initiated 2015 **(Dr. Lindheim)**

Recent Trends in Screening, Lifestyle Intervention, and Counseling for Overweight, Obese, and Morbidly Obese Patients among Obstetrician/Gynecologists, Family Practitioners, and Pediatricians. **(Dr. Lindheim)**

Sexual Satisfaction in Couples Undergoing Infertility Treatment or Fertility Preservation. **(Dr. Lindheim)**

Sperm Sialic Acids and Regulation of Sperm function by Sperm Neuraminidases **(Dr. Lindheim)**

Clinical Trials

Sub-Investigator: 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) (\$1,738,373.50) **(Dr. Yaklic)**

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 sponsored by AbbVie (In Start Up) **(Dr. Yaklic)**

Extension Study to Evaluate the Long-Term Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain. AbbVie. 2015. (Funded for \$73,250) (Active) **(Dr. Yaklic)**

Randomized, Double-Blind, Multicenter, Phase III Study Comparing the Efficacy and Safety of Retosiban versus Placebo for Women in Spontaneous Preterm Labor (Active) **(Dr. Yaklic)**

Clinical Trials

Sub-Investigator: Can Contrast Infused Sonography Using Air Bubbles Replace Hysterosalpingogram as the Diagnostic Evaluation of Fallopian Tube Patency Following Hysteroscopic Sterilization Using Essure™? (Active) (106,414) **(Dr. Yaklic)**

Sub-Investigator: Ovarian Tissue Cryopreservation (Oncofertility Consortium) (Active) **(Dr. Yaklic)**

Sub-Investigator: Non-Invasive Biomarkers Using Proteomic, Glycemic, and Metabolic Analysis in Diagnosing Women with Endometriosis (Active) **(Dr. Yaklic)**

Research Projects

Sub-Investigator: Wright State University Department of Obstetrics & Gynecology Tissue Bank (Start Up) **(Dr. Yaklic)**

Primary Investigator: Pregnancy Outcomes in Patients Diagnosed with Antiphospholipid Antibodies (Active) **(Dr. Yaklic)**

Sub-Investigator: Loosening of Robotically Assisted Surgical Knots in Laparoscopic Surgery (Start Up) **(Dr. Yaklic)**

Primary Investigator: Molecular Genetic Analysis for the Prediction of Preeclampsia and its Severity (Active) **(Dr. Yaklic)**

6

Summary of Service Activities

Student Advising

Advisor to first, second, third and fourth year medical students **(Dr. Barhan)**

Advisor to Ob/Gyn residents **(Dr. Barhan)**

Director of Ob/Gyn Medical Student Electives, Year 1, 2 and 4 **(Dr. Barhan)**

Advisor to third year medical student and clinical advisor to first year resident. **(Dr. D'Amato)**

Advisor to a fourth year medical student **(Dr. Duke)**

2nd Year Student Advisor **(Dr. Galloway)**

Volunteer Faculty at Junior Fellow Professional Development Course, Armed Forces District Meeting, ACOG, Norfolk, Virginia: Reviewed 4 full case lists and performed mock oral board preparations for 3 different candidates – 12 hours **(Dr. Massengill)**

Volunteer Faculty at ACOG 63rd Annual Clinical Meeting, Medical Student Course, San Francisco, California: Reviewed residency applications with medical student and proctored skills station 8 hours **(Dr. Massengill)**

Advisor to a third and fourth year medical student **(Dr. Talbot)**

Participate as research advisor to 3rd and 4th year medical students **(Dr. Talbot)**

Advisor to a fourth year medical student **(Dr. Yaklic)**

Committee membership/officer

Department of OB/GYN **(Dr. Barhan)**

Student Education Committee **(Dr. Barhan)**

Resident Education Committee **(Dr. Barhan, Dr. Findley)**

Resident Evaluation Committee **(Dr. Barhan)**

CME Committee **(Dr. Barhan)**

Summary of Service Activities con't:

Committee membership/officer

Clinical competency Committee **(Dr. Findley)**
Resident Research Committee **(Dr. Findley)**
Tissue and Transfusion Committee **(Dr. Findley)**
M&M Conference (weekly) **(Dr. Galloway)**
Perinatal/MFM Fetal Board Conference (monthly) **(Dr. Galloway)**
OB/GYN Grand Rounds (weekly) **(Dr. Galloway)**
American Board of Obstetrics and Gynecology - MOC (yearly) **(Dr. Galloway)**
Pre-IRB Approval Committee, Department of Obstetrics & Gynecology, Boonshoft School of Medicine, Wright State University, Dayton, Ohio. **(Dr. Lindheim)**
Resident Education Committee, Department of Obstetrics and Gynecology, Boonshoft School of Medicine, Wright State University, Dayton, Ohio. **(Dr. Lindheim)**
Video Committee, American Society for Reproductive Medicine **(Dr. Lindheim)**
Board of Directors, Society for Reproductive Surgeons **(Dr. Lindheim)**
Society for Reproductive Surgeons Task Force to Evaluate Member Benefits **(Dr. Lindheim)**
Chair, Pre-IRB Committee, Department of Obstetrics & Gynecology **(Dr. Maxwell)**
Chair, Tissue Utilization Committee, Department of Obstetrics and Gynecology **(Dr. Maxwell)**
Search Committee Member, OB/GYN Faculty Position Openings **(Dr. Maxwell)**
Search Committee Member, OB/GYN Business Manager **(Dr. Maxwell)**
Life Member AOA **(Dr. Talbot)**
Resident education committee and clinical competency committee **(Dr. Urschel)**

Boonshoft School of Medicine

BSOM- Student Promotions Committee and Admissions Committee – Chair **(Dr. Barhan)**
BSOM-Nominating Committee **(Dr. Barhan)**
Wright State Physicians **(Dr. Barhan)**
Hosted OB/GYN interest group meeting at Brethen Center **(Dr. Findley)**
Pre-IRB Approval Committee, Department of Obstetrics & Gynecology, Boonshoft School of Medicine, Wright State University, Dayton, Ohio. **(Dr. Lindheim)**
Resident Education Committee, Department of Obstetrics and Gynecology, Boonshoft School of Medicine, Wright State University, Dayton, Ohio. **(Dr. Lindheim)**
Video Committee, American Society for Reproductive Medicine **(Dr. Lindheim)**
Board of Directors, Society for Reproductive Surgeons **(Dr. Lindheim)**
Associate Program Director, OBGYN Residency Program; Department of OBGYN **(Dr. Talbot)**
Committee Member, continuing Education Committee, Department of OBGYN **(Dr. Talbot)**
Committee Chair, Clinical Competency Committee of OBGYN residency program **(Dr. Talbot)**
Clinical Instructor of OB/GYN: Education of medical students and residents in art and science of OB/GYN **(Dr. Urschel)**
LCME Self-Study **(Dr. Yaklic)**
Pediatric Department Chairman, Co-Chair **(Dr. Yaklic)**
Executive Committee **(Dr. Yaklic)**
Clinical Chairs **(Dr. Yaklic)**

Wright State University

Wright State University Institutional Review Board (IRB) Committee Member: May 2012-Present **(Dr. D'Amato)**
BioRepository Steering Committee, Boonshoft School of Medicine, Wright State University, Dayton Ohio **(Dr. Lindheim)**
Education Committee, WSU Residency Program **(Dr. Massengill)**
Pre-IRB Committee, WSU Residency Program **(Dr. Massengill)**
Co-Leader, WSU/WSRI REDCap Development Group **(Dr. Maxwell)**

Summary of Service Activities con't:

Wright State University

Program Director, OB/GYN Residency Program **(Dr. Galloway)**
Rotational Advisor for Residents and Students **(Dr. Galloway)**
Resident Education Committee, Department of OB/GYN, WSUSOM **(Dr. Galloway)**
Resident Selection Committee, Department of OB/GYN, WSUSOM **(Dr. Galloway)**
Clinical competency Committee **(Dr. Galloway)**
PH-WSU Affiliation Council Committee **(Dr. Yaklic)**
March of Dimes, Board of Directors (Dayton Market) **(Dr. Yaklic)**

WSU-BSOM Department Ob/Gyn

Promotion and Tenure Committee, Chair **(Dr. Yaklic)**
CME Committee **(Dr. Yaklic)**
Resident Education Committee **(Dr. Yaklic)**
Resident Evaluation Committee, **(Dr. Yaklic)**

Wright State Physicians

Pre-IRB Committee **(Dr. D'Amato)**
Finance Committee **(Dr. Lindheim and Dr. Yaklic)**
Compliance Committee, **(Dr. Yaklic)**
Board of Directors **(Dr. Yaklic)**
Management Committee **(Dr. Yaklic)**

Miami Valley Hospital

Perinatal M+M Committee **(Dr. Barhan)**
Nutritional Committee **(Dr. Lindheim)**
Member, EPIC – Research Task Force, Miami Valley Hospital **(Dr. Maxwell)**
Member, Miami Valley Hospital Human Investigations and Research Committee **(Dr. Maxwell)**
Medical Director: Five Rivers Health Centers, Center for Women's Health, a federally qualified health center (FRHC) **(Dr. Talbot)**
OB Safety Committee (Member) **(Dr Talbot)**
Robotics Committee (Member) **(Dr. Talbot)**
Surgical Site Infection Prevention Committee **(Dr. Yaklic)**
Bylaws Committee **(Dr. Yaklic)**

Premier Health Partners

OB/Gyn Common Privileging, Chair **(Dr. Yaklic)**
FPMRS Services **(Dr. Yaklic)**
Medical Student EMR **(Dr. Yaklic)**
Women's Health Institute, Vice Chair **(Dr. Yaklic)** (Ob/Gyn Service Line)
ICD-10, Steering Committee **(Dr. Yaklic)**

Wright Patterson Medical Center

Wright Patterson Medical Center **(Dr. Findley)**
OB/GYN Services Flight Commander and Division Chief **(Dr. Massengill)**
Credentials Committee Member **(Dr. Massengill)**
Surgical Operations Squadron Executive Committee Member **(Dr. Massengill)**
Perinatal Safety Council, Chair **(Dr. Massengill)**
Expanded Executive Staff Committee Member **(Dr. Massengill)**

Five Rivers Health Centers

Infant Mortality Collaboration **(Dr. Yaklic)**
Best Practice Documentation **(Dr. Yaklic)**

Summary of Service Activities con't:

State

Ohio State Medical Association (**Drs. Barhan, Duke, Talbot, Yaklic**)
Ohio Osteopathic Association (OOA), 1996-Present (**Dr. D'Amato**)
Member, Strategic focus Group 1 (Improving Health Equity, Addressing the Social Determinants of Health and eliminating Racism), Ohio Collaborative to Prevent Infant Mortality (**Dr. Maxwell**)

National

Fellow, the American College of Ob-Gyn (**Dr. Barhan**)
Liaison for Women Faculty to the AAMC (**Dr. Barhan**)
American College of Osteopathic Obstetricians and Gynecologists (ACOOG), (**Dr. D'Amato**)
American Osteopathic Association (AOA), (**Dr. D'Amato**)
CREOG Annual Meeting Scientific Abstract reviewer **Dr. Galloway**
Residency Training Network (RTN), founding member (**Dr. Galloway**)
CREOG Region 2 Representative (alternate) (**Dr. Galloway**)
Web Site Master for Society of Reproductive Surgeons (**Dr. Lindheim**)
Web Site Master for Society of Androgen Excess Disorders (**Dr. Lindheim**)
Literature Review Committee for Society for Reproductive Surgeons (**Dr. Lindheim**)
Web-Site-Literature Review, Androgen Excess-Polycystic Ovarian Syndrome Society (**Dr. Lindheim**)
Society for Reproductive Endocrine Infertility Practice Committee (**Dr. Lindheim**)
Resident Education Committee, American Society for Reproductive Medicine (**Dr. Lindheim**)
Video Committee, American Society for Reproductive Medicine (**Dr. Lindheim**)
Board of Directors, Society for Reproductive Surgeons (**Dr. Lindheim**)
Elected to Fellow Armed Forces District Advisory Council, American Congress of Obstetricians and Gynecologists (ACOG), (**Dr. Massengill**)
Elected to be Fellow Air Force Section Vice-Chair, Armed Forces District, ACOG, (**Dr. Massengill**)

National

Scientific Committee Judge, Annual District Meeting, Armed Forces District, ACOG, Norfolk, Virginia, October 2015. (**Dr. Massengill**)
Committee on Scientific Program, ACOG – nominated by ACOG President for National committee representation, (**Dr. Massengill**)
Committee on Professional Liability, ACOG – nominated by ACOG President for National committee representation, (**Dr. Massengill**)
American College of Obstetricians and Gynecologists Fellow (**Dr. Talbot and Dr. Yaklic**)

Leadership

GMEC Executive Committee, Chair (**Dr. Galloway**)
Miami Valley Hospital Medical Executive Committee (**Dr. Galloway**)

Other

Dayton Ob-Gyn Society (**Dr. Barhan and Dr. Yaklic**)
Board of Directors, Society for Reproductive Surgeons (**Dr. Lindheim**)
Reviewer, Journal of Gynecology & Obstetric Medicine (**Dr. Maxwell**)
Poster, Judge, DAGMEC, Resident Research Forum, April 2015 (**Dr. Maxwell**)
International Academy of Pelvic Surgery (**Dr. Talbot**)
American Urogynecologic Society (**Dr. Yaklic**)
QI-ORN Member (**Dr. Yaklic**)
Council of University Chairs of Obstetrics & Gynecology (**Dr. Yaklic**)
Montgomery County Medical Society (**Dr. Yaklic**)
American Medical Association (**Dr. Yaklic**)
Preceptor, Nexplanon, Merck (**Dr. Yaklic**)

Ad –hoc Reviewer for:

Dr. Lindheim

Fertility and Sterility

Human Reproduction

Journal of Assisted Reproduction and Genetics

Journal of Clinical Ultrasound

Journal Obstetric Gynecology Research

Systems Biology in Reproductive Medicine

Contributing Editor, OBG Management

Editorial Board, Andrology & Gynecology current Research, SciTechnology, USA

Editorial Board, Women's Health-Open Journal

Editorial Board, Journal of Gynecology and Obstetrics Medicine

Abstract Reviewer:

The Society of Gynecological Investigators (Dr. Lindheim)

The American Society Reproductive Medicine (Dr. Lindheim)

7 Patient Care Summary

Private Practice- University Physicians Ob-Gyn **(All)**

Attending Physician in Five Rivers Center for Women's Health Clinic **(All)**

Created Polycystic Ovary Syndrome Multidiscipline Team of Nutritionist- Aesthetician- Internist-
Acupuncture Oncofertility Consortium **(Dr. Lindheim)**

8 Honors and Awards

Physician Role Model Award 2014-2015 **(Dr. D'Amato)**

Consultant/Advisor to Dr. Lynsey Cox whose original research won Most Outstanding

Achievement in Medical Education and Research from the Academy of Medicine **(Dr. Duke)**

Wright State University Boonshoft School of Medicine Faculty Mentor of the Year **(Dr. Massengill)**

MDG Group Commander – Shining Star Award **(Dr. Massengill)**

Diplomate, American Board of Obstetrics and Gynecology and Female Pelvic Medicine and

Reconstructive Surgery **(Dr. Massengill)**

Paper/Presentation among Postgraduate Education (Resident) members at the Armed Forces

Annual District Meeting **(Dr. Talbot)**

National Faculty Award, ACOG-CREOG **(Dr. Yaklic)**

9

Hosted events [CME, etc.]

Resident MIS Surgery and Pelvic Anatomy symposium Hosted by WSU & the Brethen Center,
May 2015 (**Dr. Galloway**)

CREOG Region 2 Retreat Moderator, July 2015 (**Dr. Galloway**)

WSU OB/GYN Resident Research Day, May 2015 (**Dr. Galloway**)

Class of 2015 Residency Graduation:

Jacqueline D. Battistelli, MD

Matthew W. Cowan, DO

Lynsey J. Cox MD

Stephen A. Kujansuu, MD

Samantha E. Houser, DO

Mercedes Caterina Palmisano, MD

Participated ABC OB/GYN review course in preparation for ABOG certification: received 44 Cat I
CME credits (**Dr. Urschel**)

Resident Research Day

Residents presented and faculty members who mentored and sponsored them:

Katherine Abtahi, D.O.

(Abtahi, Crantz)

Should Contraceptive Counseling Start in the Emergency Room?

Joni Abbott, D.O., R3

(Abbott, McKenna, Mehlhaff, Anderson, Babbitt)

Neonatal Outcomes Following Implementation of Pre-Operative Abdominal Preparation Protocol

Eric Behrman, M.D., R3

(Behrman, Barhan, Yaklic, Lindheim)

Robot Assisted Strassman Metroplasty to Treat Patients with Outflow Tract Mullerian Anomalies and Chronic Pelvic Pain

Resident Research Day

Residents presented and faculty members who mentored and sponsored them:

Vivina Napier, M.D., R3

(Napier, Watson, Graham, Warwar)

Use of Unidirectional Barbed Suture in Cesarean Section: A Two-Year Retrospective Analysis of Perioperative Outcomes, Safety and Efficacy

Elizabeth Newell, M.D., R3

(Newell, Lindheim)

Hysteroscopic Morcellation and Tissue Effects: An Ex Vivo Feasibility Study

Suzanne Stammler, M.D., R3

(Stammler, D'Amato.)

Optimization of Antihypertensive Drug Therapy for Treatment of Postpartum Hypertension

Mercedes Thompson, M.D., R3, (Sheela Barhan, M.D.)

Overall Rates of Breastfeeding Initiation and Continuation and the Barriers That Result in Discontinuation

Matt Cowan, D.O., R3, (Walid Kassem, M.D.)

Post-Operative Sling Adjustment

Lynsey Cox, M.D., R3, (Justin Fox, M.D., Andrea Shields, M.D.)

Risk Factors for Hospital- Based Acute Care Use among Patients Recently Discharged from the Hospital after Outpatient Obstetrical and Gynecological Procedures

Samantha Houser, D.O., R3, (Amol Malshe, M.D.)

Does A Reduction in Insulin Requirements in Diabetic Pregnancies Exposed to Betamethasone Implicate Development of Pre-Eclampsia with Severe Features Involving Acute Renal Injury?

Stephen Kujansuu, M.D., R3, (Amol Malshe, M.D.)

UA Doppler's and Changes in Insulin Requirements in Patients with Pre-Eclampsia and Diabetes

Jacqueline Vidosh, M.D., R3, (Andrea Shields, M.D., Heather Gray)

Pregnant Patient's Attitudes and Perceptions Regarding Call Free Fetal DNA Testing

***Presented the program's Excellence in Teaching Award*

*Judges: Keri Baacke, M.D., David Cool, Ph.D., Steven Lindheim, M.D., Marvin Miller, M.D.

10 Other information

Director of Introduction to OB/Gyn (OBG 601) (**Dr. Barhan**)

Director of Junior Internship in Obstetrics (**Dr. Barhan**)

Director of Junior Internship in Gynecology (**Dr. Barhan**)

Director of Reproductive Women's Health (**Dr. Barhan**)

Became board certified by ABOG December 2015 (**Dr. Urschel**)

Mentoring: Dr. Lindheim

Katie Coyne, MD Candidate 2017, Wright State University, Boonshoft School of Medicine

Michelle Durrant, MD Candidate 2016, Wright State University, Boonshoft School of Medicine

Kristin Sinning, MD Post-Graduate, Wright State University, Boonshoft School of Medicine

Brent Aebi, MD Candidate 2015, Wright State University, Boonshoft School of Medicine

Maryam Shahim, MD Candidate 2018, Wright State University, Boonshoft School of Medicine

Bijan W. Salari, MD Candidate 2016, Wright State University, Boonshoft School of Medicine

Rachel M. Ferrari, MD Candidate 2016, Wright State University, Boonshoft School of Medicine

Mentoring: Dr. Lindheim con't.

Stephen Kujansuu, MD, Resident, Obstetrics & Gynecology, Wright State University, Boonshoft School of Medicine

Elizabeth Newell, MD, Resident, Obstetrics & Gynecology, Wright State University, Boonshoft School of Medicine

Stephanie Welsh, Medical Student-Year-1, Wright State University, Boonshoft School of Medicine

Suzanne Stammer, MD, Resident, Obstetrics & Gynecology, Wright State University, Boonshoft School of Medicine

Eric Behrman, MD, Resident, Obstetrics & Gynecology, Wright State University, Boonshoft School of Medicine

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