The Women’s Institute
2015 Annual Report
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Introduction

Innovation, integration and collaboration have provided the primary drive and focus for the Department of Obstetrics and Gynecology at Banner – University Medical Center Phoenix for 2015. This year marked the unprecedented official merger of Banner Health with the University Of Arizona College Of Medicine. This innovative model brings the academic identity of the University of Arizona together with one of the largest non-profit healthcare delivery systems in America, Banner Health.

The Women's Institute at Banner – University Medical Center Phoenix will be transitioned to the previous Banner Health Corporate Center in order to expand services and facilitate the development of Integrated Practice Units (IPU) in women’s health. Through facilitated collaboration with specialties such as cardiovascular services, bariatrics, and endocrinology, the focus shifts from silo care to coordinated multi-specialty care teams.

Playing to our strengths, the department has continued to pursue growth in academia and teaching. Our residency program in Obstetrics and Gynecology (now named The University of Arizona College of Medicine Phoenix) is flourishing as we continue to attract the nation’s top medical school applicants. Our Minimally Invasive Gynecologic Surgery Fellowship is underway and has recently received AAGL certification. In addition, our plan is to thoughtfully roll out additional fellowship programs in Maternal-Fetal Medicine and Gynecologic Oncology over the next few years while carefully preserving the resident experience and culture that has defined our residency program for decades.

Our national symposiums on Critical Care in Obstetrics and Minimally Invasive Gynecologic Surgery have received international acclaim for innovation and integrated teaching utilizing on-line lectures, flipped classroom, and bedside simulation. Our goal for 2016 is to embrace the realms of virtual and augmented reality to compliment the learning styles of our millennial learners.

As educators and caregivers, we must strive to capably manage and understand the true essence of “disease”.

Michael R. Foley, MD
Professor and Chair
Department of Obstetrics and Gynecology
University of Arizona College of Medicine Phoenix

To know what you do not know is best. To pretend to know when you do not know is disease.
– Lao Tsu
OB/GYN Residency Program Philosophy

As our OB/GYN residency program at Banner Good Samaritan transitions into the University of Arizona, College of Medicine and has become Banner – University Medical Center Phoenix, we are very excited about our future. We look forward to continuing to embrace our unique culture of outstanding educational experiences, close-knit family and humility, while integrating with the University of Arizona’s academic history and scholarship. Together we will be stronger and better for not only our residents, but all of the patients we serve.

Our Residency Program exists to inspire and empower residents to be the providers of the highest quality of patient care, humanistic physicians and altruistic leaders and teachers for the comprehensive continuum of women’s health, by fostering a nurturing environment that emphasizes the following initiatives:

• inquisitive scholarship and life-long learning
• comprehensive education
• Professional behavior (professionalism, respectful collegiality, humility)
• fair, inclusive and transparent leadership
• whole life harmony

Our program has had continuous accreditation since 1951. In 2015, through the Next Accreditation System, we have continued accreditation and received no citations. At the most recent full RRC site visit in 2011 (before switching to NAS), the program was fully accredited and approved for five years without any citations. We have received ACGME approval to increase our complement from 32 to 36 residents. This will be a gradual increase and we have started by taking 9 outstanding interns in the match this spring.

Each year we successfully match 2-3 of our 8 residents into subspecialty fellowships. In the past 5 years, we have successfully matched 5 into MFM, 2 into Gynecologic Oncology, 2 into FPMRS, and 1 into REI at locations throughout the country.

Laurie Erickson, MD
Program Director
Department of Obstetrics and Gynecology
Banner – University Medical Center Phoenix
Associate Professor, University of Arizona College of Medicine Phoenix
Center Chiefs and Section Heads

First row (Seated): L to R: Drs. Laurie Erickson, Michael Urig and John Martin

Second row (Standing): L to R: Drs. Kevin Huls, Steven Laband, David Glassman, John Mattox, Shazia Malik, Mark Smith, Michael Foley, Drew Moffitt, Staci Mayer, Candice Wood, Megan Cheney and Jamal Mourad

Dr. Foley has published numerous scientific articles and is a reviewer for several medical journals. He is a national and international lecturer as well as an award winning teacher and author. He has also served as a Board Examiner in the subspecialty of Maternal Fetal Medicine. He is considered a national authority on Critical Care Medicine in Obstetrics. Dr. Foley is Past President of the Society for Maternal Fetal Medicine-National (2008) and the recipient of the Society for Maternal Fetal Medicine Lifetime Achievement Award (2013).


Dr. Foley is a seventh-degree black belt and the founder of The Center for Humane Living, a 501c3 organization whose mission is “to inspire all people to live peaceful and compassionate lives.” He has been teaching students martial arts out of his home for the past 23 years and has written an award-winning book, The Art of Humane Living – Martial Arts as a Path to Peace, published in 2004. He also authored Ancient Wisdom for Life Fulfillment which was published in 2010.

He is married to Dr Lisa Dado who is a pediatric anesthesiologist. They have three children, Bonnie (28), Molly (24) and Michael (22).
Dr. Erickson graduated from the University of Arizona College of Medicine and completed her residency at Banner Good Samaritan in 1997. Following graduation, she joined Maricopa OB/GYN Associates, which is one of the primary teaching groups at Banner on the OB/GYN service. She practiced as a Generalist in central Phoenix until 2014 when she became the Residency Program Director.

She is an Associate Clinical Professor at The University of Arizona, College of Medicine, and Banner – University Medical Center Phoenix.

Dr. Erickson is a national leader, previously serving as an ACOG officer for the Arizona Section of District VIII, on the ACOG Consortium for Simulation and on a CREOG Milestones Task Force. She completed the APGO Scholars and Leaders Program in 2012 and the CREOG Program Directors School in 2009. Dr. Erickson has published articles and presented posters at national meetings, including ACOG and CREOG Annual Meetings.

Dr. Erickson is involved in many hospital committees, including the OB/GYN Committee and Medical Executive Committee. She has served as the Chief of the OB/GYN Service prior to becoming the PD.

After graduating from University of Colorado Medical School, Dr. Urig came to Phoenix where he completed his residency at Banner Good Samaritan in 1989. Following residency, he joined Maricopa OB/GYN Associates (MOGA) which is one of the primary teaching groups at Banner. He serves as President of Arizona OB/GYN Associates (AOA), the largest group of private practice physicians in the state.

Dr. Urig has been on the teaching faculty in this department for more than 20 years and is currently the Center Director for Obstetrics and Gynecology. Dr. Urig is an Associate Clinical Professor at the University of Arizona-College of Medicine, Phoenix Campus.

Dr. Urig serves on many hospital committees including serving as Chief of Service for many years. He is a co-lead on the Clinical Consensus Group for the Banner system and plays an integral role in assuring evidence-based medicine is used to optimize patient care throughout the system.
Dr Laura Mercer earned her bachelor’s degrees from Northern Arizona University and her medical degree from the University of Arizona. She completed her specialty training in obstetrics and gynecology at Banner – University Medical Center Phoenix. She is a specialist in general obstetrics and gynecology with Maricopa OB/GYN Associates (MOGA) and is part of the core teaching faculty at Banner – University Medical Center Phoenix. Dr Mercer is a Clinical Assistant Professor at The University of Arizona College of Medicine – Phoenix and is the Medical Student Clerkship Site Director for students as they are introduced to the best specialty medicine has to offer.

Dr Mercer’s interests include contraception, adolescent health, minimally invasive surgery, collaborative care and medical student and resident education. She remains actively involved in the American Congress of Obstetricians and Gynecologists (ACOG), where she serves on several section, district and national boards and committees.

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**Division Directors**

Matthew P. Borst, MD, Gynecologic Oncology  
Steven J. Laband, MD, Gynecology  
C. Kevin Huls MD, Maternal-Fetal Medicine (Center Director)  
Michael A. Urig, MD, Obstetrics /Gynecology (Center Director)  
Drew V. Moffitt, MD, Reproductive Endocrinology Infertility  
Shazia Malik, MD, Female Pelvic Medicine and Reconstructive Surgery

**Associate Directors**

Steven J. Laband, MD  
Mark L. Smith, MD, PhD

**Assistant Directors**

David I. Glassman, DO  
C. Kevin Huls, MD  
Megan Cheney, MD  
Jamal Mourad, DO  
Candice C. Wood, MD  
Debra Wickman, MD

**Professor Emeritus**

John H Mattox, MD
Medical Student Program

Banner – University Medical Center Phoenix is a core clerkship site for The University of Arizona College of Medicine – Phoenix. Third year medical students spend 6 weeks working with our outstanding faculty and residents during their core clerkship in obstetrics and gynecology and fourth year students return for a variety of electives. We also host students from Midwestern University College of Osteopathic Medicine, AT Still School of Osteopathic Medicine and visiting students from across the country.

The University of Arizona College of Medicine – Phoenix has recently obtained LCME accreditation as an independent allopathic medical school. With this accreditation comes the innovation of a new curriculum that places an emphasis on adult learning theory with an integration of a multi-disciplinary, team-based care in an evolving health care system. No longer do students sit through “lectures”... instead, they are engaged in hands-on problem solving based on real and simulated patient experiences. Through a flipped-classroom model, learners do their reading and preparation before didactic sessions and have access to multimedia resources for self-study. When brought together in teams with faculty mentors, they participate in case-based care and hands-on simulation of obstetric and gynecologic emergencies. This careful and novel approach augments a robust exposure to the field of obstetrics and gynecology through participation in patient care at Banner – University Medical Center Phoenix.
Residency Program

The University of Arizona College of Medicine – Phoenix Obstetrics and Gynecology Residency program is located on the campus of Banner – University Medical Center in Phoenix, a nationally recognized academic teaching hospital in Arizona that offers the highest level of care to the most critically ill patients. Located in the heart of metro Phoenix, more than 300 new physicians are trained here annually.

Established in 1951 and previously known as Banner Good Samaritan, our Obstetrics and Gynecology Residency program helps new physicians make the transition from student to practitioner by providing the support they need to develop clinical competence, relationship-building with patients and colleagues, and methods for life-long learning.

Our esteemed faculty is led by Department Chair Michael R. Foley, MD, a lifetime achievement award recipient by the Society for Maternal-Fetal Medicine, and our Program Director Laurie Erickson, MD. The faculty includes Perinatologists, Gynecologic Oncologists, Urogynecologists and Reproductive Endocrinologists, in addition to our experienced Generalist staff.

Our Program
• Now accepting 9 residents each year
• Night call at only one hospital
• No night float; specialized night rotation for interns
• Traditional call schedule years two through four

Teaching & Education
• Clinical clerkship site for University of Arizona
• State-of-the-art Simulation Education and Training at SimET Center with DaVinci trainer at Banner – University Medical Center Phoenix
• Dual-console DaVinci robots in operating rooms
• Daily protected educational lectures with catered lunch
• Consistently at or above 50th percentile nationally for operative numbers

Benefits
• Salary stratified by year of experience: $54,075 – $62,006
• Daily catered lunch with additional meal card allowance
• Three weeks of paid vacation annually, with additional days off for holidays
• Free health insurance for resident and family
• Specialized OB/GYN resident call rooms adjacent to L&D
• Annual resident retreat
• Moonlighting permitted for qualified upper-level residents
• Third-year elective and fourth-year selective rotations

Patient Population
• 5,500 deliveries per year
• Central tertiary care center with large referral area
• Work side-by-side with other residency programs including: General Surgery, Orthopedic Surgery, Psychiatry, Internal Medicine, Med/Peds, Family Medicine, Emergency Medicine and fellows across many specialties

Research
• Supported research by faculty mentors in field of resident’s choice
• Faculty assistance with statistical analysis
• Funding provided for traveling for presentations

Beyond Residency
• Demonstrated success in fellowship match across all sub-specialties
• About 50 percent of graduates stay in Arizona to practice
Fellowship

MIGS Fellowship

The Banner – University Medical Center MIGS Fellowship Program is a comprehensive 2-year program designed to advance the fellow's surgical skills and confidence level in multiple areas of surgical gynecology. Our full academic integration with the University of Arizona, College of Medicine will allow for ample research, academic and didactic opportunities to enhance the fellow's learning and training experience.

Our comprehensive curriculum will encompass all facets of MIGS including: vaginal hysterectomy, hysteroscopic procedures, in-office endometrial ablation and tubal occlusion procedures, laparoscopy and robotics. Our diverse core faculty will include surgeons from several different specialties allowing for exposure to a variety of different procedures and techniques to maximize the fellow's surgical repertoire. During the two-year program the fellows will rotate through the general gynecology service, general surgery, colorectal surgery, urology, female pelvic medicine reconstruction surgery and gyn oncology. At the end of their 2-year training program, fellows will have the ability to function as independent gynecologic surgical consultants.

The fellows will be expected to actively participate in the teaching of OB/GYN residents and medical students. The fellows will be expected to present a Grand Rounds topic related to MIGS twice a year. Morning GYN Rounds will be conducted with the residents.

Our unique state-of-the-art Simulation Center offers our fellows a unique opportunity for surgical simulation training, allowing 24/7 access to hysteroscopic, laparoscopic and robotic skills set training. We are the only simulation program in the world that is accredited as an entire system. As such, each fellow will be expected to present his/her work every year at the national level (AAGL) with the intention of submitting a manuscript for a peer review publication; i.e. Journal of Minimally Invasive Surgery, Green Journal, etc.

We also offer a Master of Science (MS) degree in CTS from the University of Arizona. The Clinical Translational Sciences (CTS) Graduate Program is designed to provide a strong foundation in clinical translational sciences for post-baccalaureate and postgraduate candidates.

The mission of the Master’s Program is to provide an avenue for the fellow to gain more experience in and exposure to the diverse areas of the clinical translational science and to offer a mechanism to obtain in-depth knowledge in a specific area of biomedical research. To this end, fellows will participate in a specific laboratory or clinical research project working with a CTS faculty mentor. Prospective post-baccalaureate applicants and postgraduate candidates from all clinical departments and health-related fields at UA colleges in Tucson and Phoenix are eligible and encouraged to apply.

The fellows will enter the program as a PGY5/6. Salary and benefits are commensurate with hospital guidelines. There will be opportunity for moonlighting available. There is no OB call coverage requirement.

The FMIGS administrative faculty are Dr. Jamal Mourad, Director; Dr. Kelly Roy, Associate Director, and Dr. Javier Magrina, Consultant.
Virtual ICU
Management of the critically-ill pregnant patient presents a clinical dilemma in which there is sparse objective data to determine the optimal setting for provision of high-quality care to these patients. This clinical scenario will continue to present a challenge for providers as the chronic illness and comorbid conditions continue to become more commonly encountered in the obstetric population. Various care models exist across a broad spectrum of facilities that are characterized by differing levels of resources; however, no studies have identified which model provides the highest level of care and patient safety while maintaining a reasonable degree of cost-effectiveness. The healthcare needs of the critically-ill obstetric patient calls for clinicians to move beyond the traditional definition of the “ICU” and develop a well-rounded, quickly-responsive, and communicative interdisciplinary team that can provide high-quality, unique, and versatile care that best meets the needs of each particular patient.

We endorse a model where a “Virtual ICU” team composed of pre-selected specialists from multiple disciplines (maternal-fetal medicine, neonatology, obstetric anesthesiology, cardiology, pulmonology, etc.) participate in the provision of individualized, pre-contemplated care that is readily adapted to the specific patient’s clinical needs, regardless of setting. With this team-based approach, an environment of trust and familiarity is fostered amongst team members and well thought-out patient care plans are developed through routine “pre-brief” discussions regarding individual clinical care for parturients anticipated to required critical care services. Incorporating debriefings between team members following these intricate cases will allow for the continued evolution of care as the medical needs of this patient population change as well.

Banner Simulation Centers
Banner Health runs one of the largest multidisciplinary simulation education programs in the United States to train physicians, nurses, allied health care professionals and emergency responders to treat a range of patients, from infants to adults. We are transforming health care delivery through simulation, learning and research across our three locations in Mesa and Phoenix in Arizona and Loveland in Colorado.

At Banner’s state-of-the-art simulation centers, we use mannequins, simulators and virtual-reality programs to train the next generation of health care professionals in an environment that mirrors real-life medical situations. Hundreds of medical students, residents, physicians and nursing staff are educated using simulations each year.

Our cutting-edge medical mannequins breathe, blink, code, seize, bleed, speak and even give birth, all with programmable complications to simulate potential medical conditions. Participants can practice their response to critical medical emergencies and hone their skills in commonly performed procedures such as inserting chest tubes or central lines.

With this training, health care providers can acquire the skills needed to deliver the highest quality of patient care.

Key Medical Environments and Features Offered
- OB/GYN trainer
- Ultrasound trainer
- ICU/PCU unit
- Birthing suite
- Operating unit with da Vinci robot

Physician Classes/Tests Offered
- Fundamentals of Laparoscopic Surgery (FLS) testing
- Central Venous Catheter (CVC) insertion
- Basic airway management course

SIMULATION MEDICAL CENTER STAFF
Karen Josey, M.Ed., BSN, CHSE
Sr. Director of Simulation – Banner Health
Linda Tinker, MSN, RN, CHSE
Simulation Sr. Manager
Roxann R. Edelman, M.ED., RNC-OB
RN Director – Clinical Education
Terry Chavez, MSN
Simulation Sr. Manager
Carrie Brandon, MD, RN
Simulation Sr. Manager
Female Pelvic Medicine and Reconstructive Surgery

The Division of Female Pelvic Medicine and Reconstructive Surgery (Urogynecology) at Banner – University Medical Center Phoenix consists of specialty-trained physicians who are experts in the care of women with advanced pelvic floor disorders such as:

- moderate to severe pelvic organ prolapse
- genitourinary fistulas
- bladder pain syndrome
- defecatory dysfunction
- voiding dysfunction
- urinary incontinence
- fecal incontinence

Patients have the opportunity to have a consultation to discuss both conservative and surgical management options for these conditions.

The following tests and treatments are available to patients at Banner – University Medical Center Phoenix:

- advanced pelvic floor therapy
- minimally invasive surgery
- complex surgical revisions
- endoanal ultrasound
- anal manometry
- pelvic ultrasound
- cystoscopy
- urodynamic testing

Gynecology

The Division of General Gynecology at Banner – University Medical Center Phoenix involves outpatient and inpatient management of the spectrum of women’s health issues. Outpatient management issues include:

- Well-Woman Visits
- Menstrual abnormalities
  - Anovulation and infrequent periods
  - Heavy periods
  - Hormonal treatment
  - In-Office Endometrial ablation
- Basic infertility evaluation and treatment
- Abnormal pap smears and cervical dysplasia
  - Colposcopy
  - LEEP procedures
- Contraception and Family Planning
  - Hormonal Contraception

Surgical Gynecology management includes:

- Uterine fibroids
  - Hysteroscopic resection
  - Fibroid removal (myomectomy)
  - Hysterectomy (laparoscopic and open)
- Laparoscopy for common conditions
  - Pelvic pain
  - Endometriosis
  - Ovarian cysts
  - Tubal sterilization

Birth Control Pills, Nuvaring, Depoprovera, Birth control patch
- Long Acting Reversible Contraception
  - Mirena IUD, Paraguard IUD, Nexplanon hormonal implants
- Permanent Contraception
  - Outpatient laparoscopic tubal sterilization
  - In-Office- Essure Tubal Occlusion Procedure
- Polycystic Ovarian Syndrome
- Pelvic pain
- Endometriosis
- Menopause management
- Postmenopausal bleeding
- Gynecological Ultrasound
**Gynecologic Oncology**

The Division of Gynecologic Oncology at Banner – University Medical Center Phoenix is dedicated to the diagnosis and treatment of women with reproductive tract malignancies, pre-malignancies or suspected malignancies. These include:

- Ovarian and fallopian tube cancer
- Vulvar cancer
- Vaginal cancer
- Uterine cancer
- Cervical cancer
- Gestational trophoblastic disease

Our mission is to provide comprehensive and multidisciplinary care resulting in the most up-to-date and innovative treatment for these conditions. Special attention is made to provide a caring and supportive environment through a dedicated unit with experts including board-certified physicians, specialty nurses, oncology pharmacists, case managers and dietitians.

Our gynecologic oncology services include:

- Inpatient surgery
- Outpatient surgery
- Advanced minimally invasive surgery (including robotic assisted surgery)
- Chemotherapy
- Participation in National Clinical Trials Research
- Coordinated care with Radiation Oncology services
- Integrated care with Palliative Care services
- Cancer genetics program with counseling and testing

**Obstetrics**

Our inpatient Obstetrical unit provides 28 Labor and Delivery Rooms (LDR’s). Each LDR is designed for the spectrum of natural, unmedicated labor in family oriented environment, to the Hi-risk ICU level type of complicated labor and delivery. Over 5000 deliveries are performed each year in our unit. A supportive environment is provided for our patients who desire minimal intervention, active movement during labor, minimal monitoring, and the option for labor tubs in many of the LDR’s. Skin to skin bonding is emphasized in all deliveries, even cesarean section, immediately after delivery, with “the golden hour” being considered very important for initiation of bonding and breastfeeding. Midwifery has been instituted and plans are in place for growth of midwifery practice in the department. There are 4 obstetrical Surgical Suites on the unit within a minute of the LDR, including a multiples Surgical Suite with a connecting room for multiples neonatal immediate care.

Evidence based protocols have been put in place for outpatient cervical ripening prior to admission for induction of labor which has helped to decrease the cesarean section rate by 5%, post partum hemorrhage, and shoulder dystocia to reduce costs and improve safety and outcomes for mother and baby. The development of a Obstetrical Rapid Response team made up of nurses, resident physicians, anesthesiologists, obstetricians, and maternal fetal medicine specialists has allowed us to respond to emergencies anywhere in the hospital. 24 hour in house anesthesia, maternal fetal specialists, neonatal specialists, and obstetricians allows us to respond to all of the needs of our patients at all times.

Indicators such as elective delivery before 39 weeks, length of stay, readmission, incidence of Post Partum Hemorrhage, percentage of patients threatening delivery before 34 weeks receiving steroids, and breast feeding success are just some of the indicators that are evaluated on a regular basis to maximize safety, insure excellent outcomes, and reduce costs.

**High-Risk Pregnancy**

The Division of Maternal-Fetal Medicine (MFM) at Banner – University Medical Center Phoenix is dedicated to providing the utmost in compassionate state-of-the-art medical care to women with high-risk pregnancies.

We treat a wide variety of maternal and fetal conditions at any gestational age, which increase risks for adverse outcomes. These include:
• High-order multiples
• Placenta accreta
• Placenta previa
• Pre-term labor
• Premature rupture of membranes
• Morbid obesity

Fetal anomalies (such as omphalocele, neural tube defects and cardiac defects)

We accept transports of patients by fixed-wing aircraft or via helicopter from across Arizona to receive their care at Banner – University Medical Center Phoenix.

A team of Maternal-Fetal Medicine and Neonatal specialists are available 24/7 to provide bedside care.

We work closely in caring for critically-ill pregnant patients with a readily available, highly specialized diverse team of:

• Intensivists
• Cardiologists
• Pulmonologist
• Trauma surgeons
• Gynecologic oncologists
• Urologists
• Interventional radiologists

### Integrative Medicine Program

The integrative medicine in residency program is a 200-hour competency-based, online curriculum in integrative medicine, designed for incorporation into primary care residency education. It is currently used in family medicine, pediatrics, and psychiatry residencies across the country.

Banner – University Medical Center Phoenix is the first obstetrics-gynecology program to implement this curriculum. The curriculum includes topics in integrative medicine including nutrition, exercise, cardiovascular health, women’s health, supplements, botanicals and herbal medicine, energy medicine, and manual medicine. It also has a strong focus on resident health and well-being, with the goal of developing physicians who model the healthy lifestyle they learn about, have a positive sense of well-being, and are relationship-centered in their approach to medical care.

It is an online, interactive curriculum, and the modules can be incorporated longitudinally or as a rotation, elective, or area of concentration. At Banner – University Medical Center Phoenix, it is offered as an option for the 6 week elective/selective time during the 3rd and 4th years.

### Minimally Invasive Gynecologic Surgery

Banner – University Medical Center strive to provide and deliver exceptional care in the most minimally invasive approach as possible. While offering all of our patients state-of-the-art, safe and compassionate treatment plans, we will continuously track our patients’ data and outcomes so that we can understand what measures, procedures and treatments result in the best possible outcomes.

Our patients can expect a caring and welcoming environment where academia and clinical medicine come together to deliver the highest possible quality care.

### Clinical Services

**OFFICE PROCEDURES**

• Endometrial Ablation
• Hysteroscopy
• Cystoscopy
• ESSURE
• Colposcopy
• LEEP

**MINIMALLY INVASIVE SURGERY**

• Hysterectomy
  - Vaginal, Laparoscopic, Robotic
• Ovarian cystectomy
• Removal of fibroids (Myomectomy)
• Removal of polyps (Polypectomy)
• Repair of pelvic prolapse (Sacrocolpopexy)
• Incontinence treatment
• Trans-abdominal cerclage Placement (TAC)

**MEDICAL TREATMENT**

In collaboration with Debra Wickman, MD, Women’s Sexual Medicine:

• Hormone replacement
– Pellets
– Bio-identical hormones
• Couples therapy

Locations, Hours and Appointments
Banner – University Medical Center Phoenix
1300 N 12th St., Suite 312, Phoenix, AZ 85006
Banner Health Center: Gilbert
155 E Warner Road, Gilbert, AZ 85296
Monday through Friday
8:00 am to 12:00 pm  I  2:00 pm to 4:00 pm
Call 602.839.7601 to schedule an appointment

2015 Procedures

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<tr>
<th></th>
<th>Total</th>
<th>BUMC-P</th>
<th>US</th>
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<tr>
<td>Gynecologic procedures performed</td>
<td>1874</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hysterectomies (benign)</td>
<td>742</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimally Invasive</td>
<td>88%</td>
<td>83%</td>
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Our Commitment to Excellence
Our Minimally Invasive Gynecologic Surgery Program offers a number of advantages:

• Delivery of exceptional care
• Outpatient clinic conveniently located on the Banner – University Medical Center Phoenix campus
• Expertise of locally and nationally renowned medical and surgical leaders in all specialties
• Multi-disciplinary care at every level
• State-of-the-art equipment: hysteroscopy, laparoscopy and robotics
• A robust vaginal surgery program
• Collaboration with Women's Sexual Medicine
• High volume experience with complex procedures

Neonatal Intensive Care Unit
Banner – University Medical Center Phoenix opened in an apartment building in 1911 and was then called Arizona Deaconess Hospital. When a new hospital was built in 1923, it had room for 105 patients, five operating rooms and a special obstetrical delivery unit and Arizona’s first incubator. The hospital has always been a leader in obstetrics, and in the 1960s opened a neonatal intensive care unit, pictured, and hired the state’s first neonatologist to care for premature babies. When Banner – University Medical Center Phoenix opened the NICU in 1964, Arizona went from 40th in infant mortality to fifth within 10 years.

The hospital already had been well-known for its promotion of mother-baby bonding, a practice it had been following since the 1940s.

Banner – University Medical Center Phoenix has delivered more high order multiples – triplets, quadruplets and quintuplets – than any other facility in the world and in 2007 sextuplets were delivered here. The six babies and mom did well.

Today the hospital’s Maternal-Fetal Center uses state-of-the-art equipment and software to insure patients receive the most recent innovative technology. Services range from basic fetal testing to complex therapeutic procedures, including identification of the need to perform fetal surgery while the baby is still in the womb. Banner – University Medical Center Phoenix also provides comprehensive care to the families of developing babies diagnosed with a congenital defect.

Banner – University Medical Center Phoenix is certified as a Level III Perinatal/Neonatal Center by the Arizona Perinatal Trust, which allows the hospital to care for patients with Obstetrical/Neonatal medical conditions at different stages of pregnancy and early neonatal gestation. It offers the very best in education and support.

Nursing
Banner – University Medical Center Phoenix has the distinct recognition of being designated as a Magnet® facility, a prestigious status awarded to health care organizations in recognition of nursing excellence. The hospital was originally awarded this distinction in June 2005 by the American Nurses Credentialing Center, and has since been re-credentialed. Our delivery of exceptional patient care, promotion of staff growth and development, as well as achievement of positive patient outcomes earned us this recognition. Only about 7 percent of all hospitals nationwide have attained Magnet status.

Banner – University Medical Center Phoenix is certified by the Arizona Perinatal Trust as a Level 3 Perinatal facility, which allows us to care for patients with obstetrical medical conditions at all gestational ages. Whether low-risk or high-risk, we recognize that every birth is a unique experience and work to provide that special memory for patients and families through comprehensive specialty care, family education and support.
In addition to our physicians, nurse practitioners and physician assistants, our Women and Infants nursing service staff (WIS) consists of RNs, Patient Care Assistants, Surgical Techs, Lactation Consultants, Educators, a Clinical Nurse Specialist and Unit Leaders. Our clinical units include: OB Triage, Labor & Delivery, Antepartum, Postpartum/Nursery, NICU, GYN/GYN Oncology and our outpatient testing unit, the Maternal Fetal Center. Within this diversity of clinical sub-specialties, there is concentrated emphasis on continual learning, evidence-based practice and research. Many of our nurses have achieved additional certification in their specialty.

Our work environment is built on collaboration, learning and mutual respect. Teamwork among nursing, resident physicians, attending physicians and ancillary departments is the basis for our care delivery model. In collaboration with physicians, our nurses also deliver needed specialty care to patients outside the WIS service through provision of a co-management model of nursing care or through individual nursing consultations.

We are dedicated to providing quality, individualized, holistic nursing care for all our patients in a compassionate, family-centered environment.

**OB Anesthesia**

The division of Obstetric Anesthesiology at Banner – University Medical Center Phoenix consists of Board Certified Anesthesiologists who head a team of highly trained medical professionals that bring state-of-the-art anesthesia care to all of our obstetric patients. As part of our commitment to the highest level of both high-risk and routine obstetric care, we staff the labor and delivery floor with Board Certified Anesthesiologists 24/7 and 365 days a year.

We are the providers of Obstetric Anesthesiology and elective training for the Obstetric/Gynecology resident training program. We have designed and implemented a Core Curriculum which combines didactic teaching with supervised hands-on experience.

We are experienced in treating the highest risk, critically ill patients at Banner – University Medical Center Phoenix, and are well versed in life saving fluid resuscitation, invasive monitoring, advanced airway management as well as complex pain management problems.

The Department of Obstetric Anesthesia works closely and collaboratively with our “virtual” obstetric intensive care team, our simulation department and Banner Health’s Women’s Institute. Team members from Obstetric Anesthesiology regularly participate in multi-disciplinary obstetric board checkout rounds to provide insight, teaching and up-to-date consultations.

**Reproductive Endocrinology and Infertility**

Banner – University Medical Center Phoenix provides compassionate, comprehensive, individualized care for women with a variety of infertility and reproductive endocrine conditions. These include:

- Unexplained infertility
- Male factor infertility
- Fallopian tube disease
- Uterine disease
- Amenorrhea
- Polycystic ovarian disease
- Ovulatory disorders
- Recurrent Pregnancy Loss
- Endometriosis
- Advanced Maternal Age
- Complicated Menopausal Syndromes
- Recessive Genetic disorders
- Galactorrhea

Our treatment programs include:

- Ovulation induction
- Superovulation and insemination
- State-of-the-art In-Vitro Fertilization (IVF)
- Laser-assisted pre-implantation genetic screening
- Assisted Hatching
- Fertility preservation
- Egg and blastocyst vitrification
- Fresh donor egg services
- Frozen donor egg services
- Hormonal therapy
- Minimally invasive surgery
Quality and Patient Safety

The Women’s Institute utilizes a multidisciplinary team model to oversee quality and patient safety outcomes in order to deliver reliable, value-based care. Our program is built on a foundation that values:

- A commitment to clinical excellence and patient safety
- A need to decrease variability in order to increase reliability, which results in consistently superior outcomes
- A focus on sustained consistent incremental improvements
- A work culture that defines, instills and inspires responsibility and accountability for quality of care and patient safety that results in positive patient outcomes and experiences.

Specialty-specific indicators are identified annually for OB, NICU, Well Newborn, OB Anesthesia, and GYN/GYN Oncology. Indicators such as postpartum hemorrhage, massive transfusion, safe surgery practices, inadvertent extubation, readmission, and use of general anesthesia provide the opportunity to assess and trend current clinical outcomes. The Joint Commission’s Perinatal Core Measures, patient satisfaction, and the general hospital quality indicators (CAUTI, CLABSI, falls, etc.) are part of our quality monitoring as well. Sustained results that consistently meet or exceed benchmark are our goals.

Understanding of and involvement in quality performance activities by staff is key for improvement in outcomes. To assist in this endeavor, the concept of Performance Improvement (PI) was introduced to all hospital staff, with detailed education on the process and tools. The expectation then is for each unit’s staff to identify a PI project and utilize the DMAIC method when completing each project. Improved outcomes for our service were seen in decreased length of stay for uncomplicated OB patients and for provider hand hygiene compliance (see related graphs below). Additionally, patient discharge timeliness, the length of stay for elective inductions and also for well newborns were improved as a result of utilizing the PI process.
Research

The Banner – University Medical Center Phoenix OB/GYN residency program emphasizes academic excellence throughout the training experience, offering a learning environment that balances the personal and professional needs of our residents.

Our attending staff is dedicated to coordinating the highest standard of clinical care, an outstanding teaching environment, professional growth as well as being committed to advancing medical knowledge through research and education. In addition to our faculty, the Graduate Medical Education Office of Research provides guidance and support.

It is our belief that educating future physicians in our graduate medical education program furthers our mission of improving the physical and emotional health of the individuals and communities we serve by making a difference in people’s lives through excellent patient care.

We commit ourselves to providing graduate medical education programs that enable physicians in training to develop clinical, personal, and professional competence and to participate in a wide range of scholarly activities under the guidance and supervision of the faculty and staff.

We are committed to conducting these programs in compliance with the Institutional and Program requirements of the Accreditation Council for Graduate Medical Education, and its Residency Review Committees.

Scholarly activity may be divided into a large-scale research project which requires Institutional Review Board (IRB) approval, or residents may complete a Quality Improvement (QI) project. QI projects are reviewed by the Research Determination Committee (RDC). Selected case reports with an extensive literature review will also satisfy the requirement.

Do you have a question? Need more information?

Laura Wilkes
General Research Questions
(602) 839-3266

John Mattox, MD
Research Director, Obstetrics and Gynecology Dept.
(480) 338-8290

Stacey Pablos
Administrative Assistant, Obstetrics and Gynecology Dept.
(602) 839-4379
Scholarship

Scholarship is one of the major components of the Women’s Institute. Under the leadership of Dr. Mike Foley focused steps have been taken to demonstrate the importance of scholarly activity. There is a very broad definition of scholarship which includes but is not necessarily limited to research: designing innovative educational programs, actively participating in educational organizations at a local, regional and national level, quality improvement projects and any contribution to the scientific literature are examples.

A Scholarship Subcommittee has been chartered; it meets quarterly to review scholarly activities of the residents and faculty such as oral poster presentations, contributions by the faculty, papers published, as well as to review policies which could enhance the goal of increasing scholarly involvement. Another demonstration of the importance is the designation of a research director who has access to the appropriate resources and staff support.

All residents are required to satisfactorily complete a research project in order to graduate. As part of this program residents are given one-on-one instruction on approaching and developing a research project with their mentors, financial support for needed resources, data analysis and the capability to develop posters and oral presentations.

As the department transitions to a university-based academic medical program the emphasis on scholarly activity will increase not only integrating the collaboration of basic science faculty but increasing publications eventually to obtain extramural funding.

The Obstetrics and Gynecology Department physicians and nurses at Banner – University Medical Center Phoenix are actively engaged in scholarship on a local, national, and international level. This includes authoring a book, authoring a book chapter, research on their own or in collaboration with a resident, lecture(s) at a conference, editing a book, or a chapter, developing educational materials, writing an article for a peer reviewed journal, etc.

Our obstetrics and gynecology residents and MIGS Fellows are required to produce a research project during their tenure. Each chooses their project and a physician mentor to assist them. Banner – University Medical Center Phoenix acknowledges these projects at an annual review where the resident explains the research and the results there from. This work is managed by Dr. John Mattox.

Banner – University Medical Center Phoenix takes pride in the recognition of our scholarship and has established ways to fund residents’ travel and there is an annual award given at our House Commencement in June.

Now that we are a University Medical Center, scholarship will take center stage and our name will be prominent in academia.
Banner – University Medical Center Phoenix Women’s Services takes a unique approach to women’s health by combining academic training for obstetrics and gynecology residents with experienced board-certified faculty physicians. This allows the practice to provide advanced care for complicated women’s health issues as well as routine exams.

Our Women’s Services is a key resource in central Phoenix because Banner – University Medical Center Phoenix is the primary referral site for high-risk and complicated women’s medical services. Women’s Services has several accomplished surgeons to accommodate the most complex surgeries to routine matters. All are certified Robotic Surgeons.

Meet Our Physicians:

Megan Cheney, MD
Specialty: Gynecology, Obstetrics

Jamal Mourad, DO
Specialty: Gynecologic Robotic Surgery, Gynecology

Debra Wickman, MD
Specialty: Gynecology, Sexual Health

Candice Wood, MD
Specialty: Gynecology, Obstetrics

Locations:

Gynecology & Obstetrics
1300 N. 12th Street, Suite 500
Phoenix, AZ 85006
602 839 4915
Fax: (602) 839-5112

Schedule an appointment:
(602) 839-4915

Women’s Sexual Health
1300 N. 12th Street, Suite 312
Phoenix, AZ 85006
602 839 7601
Fax: (602) 839-7600

Schedule an appointment:
(602) 839-7601
Women’s Sexual Health
The Sexual Medicine Program operates within The Women’s Center as a unique and innovative resource for women throughout the greater Phoenix area, and beyond. It is the only practice dedicated to sexual health for women, and has launched new integrative programs to address both mind and body concepts that are crucial toward improving and resolving the sexual concerns of women. Aligned with that goal, we offer complete evaluation and care for all hormonal treatment options; and diagnosis and treatment of all vulvar and vaginal pain disorders. Because sexual concerns are often linked with other medical conditions or medication side effects, we fully collaborate with primary care physicians or appropriate providers in other disciplines to provide a safe and well managed plan of care for each woman.

The Sexual Medicine Program specializes in:

- Comprehensive diagnosis and treatment of women’s sexual concerns such as:
  - Low libido/desire
  - Diminished arousal
  - Difficult or absent orgasm
  - Sexual pain/trauma

- Diagnosis, treatment and long-term care of vulvar disorders such as:
  - Vaginismus and disorders of vaginal penetration
  - Vaginal stenosis/narrowing
  - Inflammatory vulvar disorders
  - Chronic vulvar irritation, vaginal infections
  - Sexual effects from associated medical illnesses, surgery or medications
  - Sexuality counseling related to body image, sexual trauma, cancer treatment, and/or any sexual concerns
  - Menopause and all options regarding hormone therapy
  - Premarital empowerment program – sexuality education and counseling session

We regularly conduct community workshops dealing with sexual health, as well as professional trainings for the medical community. In 2016 we hosted the first women’s sexual health symposium and invited obstetricians, gynecologists, behavior health professionals and nurses to attend.

Our model of diagnosis and treatment incorporates programs that uniquely educate, empower and encourage personal growth, sexual discovery and healing for women. The Program looks beyond a singular medical, pharmaceutical or behavioral therapy, and instead integrates all approaches from a mind body perspective. Using a holistic sexuality approach, the physical aspect of healing is paired with facets of emotion and connection to treat the whole sexual being.
Banner – University Medical Center Phoenix
2015-2016 Educational Conferences

Critical Care in Obstetrics – An innovative and integrated model for learning the essentials
Banner – University Medical Center Phoenix, the Society for Maternal Fetal Medicine, and the University of Arizona – College of Medicine, Phoenix are proud to offer the second hands-on conference in Critical Care in Obstetrics.

When: November 10, 11, and 12, 2016
Where: Phoenix Marriott Hotel and Convention Center

This innovative and integrated program will address essential learning in the discipline of critical care obstetrics. Integrating pre-recorded digital didactive sessions (ensuring materials), virtual on-line simulations, case-based facilitated group learning and bedside preceptor-directed simulation drills form the basis for this progressive and original program.

Who should attend?
MFM Physicians and Fellows
Practicing OB Physicians
OB Hospitalists
Emergency Room Physicians
OB/Gyn Residents
Medical Students
Certified Nurse Midwives
Nurse Practitioners
Obstetrical Nurses

To register, please call: (602) 230-2273 (CARE) or www.bannerhealth.com/230CARE

Minimally Invasive Gynecologic Surgery (MIGS)
Banner – University Medical Center Phoenix and the University of Arizona - College of Medicine, Phoenix are proud to offer their third hands-on conference in Minimally Invasive Gynecologic Surgery.

When: April 19, 20, 21, and 22, 2017
Where: Talking Stick Resort, Scottsdale, Arizona

Experience a fresh approach to minimally invasive gynecologic education with an emphasis on evidence-based protocols and the most current state-of-the-art innovations in the operating room. Topics will include surgical anatomy, prevention of surgical complications, simulation medicine, a practical approach to teaching vaginal hysterectomy, choice of hysterectomy route, discussion of open power morcellation, management of pelvic floor relaxation and stress urinary incontinence. There will also be an opportunity to practice laparoscopic suturing, sling placement and to perform a simulated TVH on the Hopkins low-fidelity model.

Who should attend?
MIGS Surgeons
MIGS Fellows
Practicing OB/Gyn Physicians
Nurse Practitioners and PAs
OB/Gyn Nurses
OB/Gyn Residents and Medical Students

To register, please call: (602) 230-2273 (CARE) or www.bannerhealth.com/230CARE
**Physician Accomplishments**

**Matthew Schlumbrecht, MD**

**PUBLICATIONS**


**Ryan R Stratford, MD**

**NATIONAL/INTERNATIONAL PRESENTATIONS**

- American Urogynecologic Society (AUGS) 36th Annual Scientific Meeting and 1st Annual PFD Week, October 12-17, 2015 Round Up (official publication of the Maricopa County Medical Society), President’s Page, Op-Editorials Monthly from January to December 2015

**BOOKS AND CHAPTERS**

- Round Up (official publication of the Maricopa County Medical Society), President’s Page, Op-Editorials Monthly from January to December 2015

**NATIONAL LEADERSHIP POSITIONS**

- President of Maricopa County Medical Society (MCMS) 2015
- Immediate Past President of Maricopa County Medical Society MCMS 2016
- Treasurer of American Urogynecologic Society J_AUGS 2015
- Mentor for Leadership Training Program, AUGS 2016
- Public Relations Committee Member, International Urogynecological Association (IUGA) 2015-2016

**C Kevin Huls, MD**

**BOOKS AND CHAPTERS**

- Conservative Management of Placenta Accreta. AJOG Dec 2015 http://dx.doi.org/10.1016/j.ajog.2015.04.034

**RESEARCH/MENTORING**

- Assisted 4 residents to write Conservative Management of Placenta Accreta. AJOG Dec 2015

**Jamal Mourad, MD**

**NATIONAL/INTERNATIONAL PRESENTATIONS**

- ASSESS Course (SIMULATION) ACOG ACM – San Francisco May 2015
- ASSESS Course (SIMULATION) AAGL – Las Vegas November 2015
- MIGS – The Next Generation. RTLH – Here to stay Phoenix 2015
- MIGS – The Next Generation. “See one, Do 1000 Simulation Medicine”
- Tissue Extraction Techniques” Banner – University Medical Center Phoenix OB/GYN residency
- Porcine Laparoscopic Lab – TLH. Phoenix AZ Nov 2015

**PUBLICATIONS**


**NATIONAL LEADERSHIP POSITIONS**

- ACOG Simulation Consortium 2013-present
- Fellowship Director/FMIGS-AAGL
- AAGL Robotics Special Interest Group

**RESEARCH/MENTORING**

- Disseminated Parasitic Leiomyomatosis 8 years after hysterectomy (case Report). Co-author: Dr. Katherine Peterson.
- Robotic Surgery Outcomes in the Morbidly Obese: A retrospective review. (in progress)
- Use of Dextrose as Distension medium for routine cystoscopy: a retrospective review.
- Review Program to improve proper PAP smear orders per ASCCP guidelines for women in our resident clinic
Debra Wickman, MD
NATIONAL LEADERSHIP POSITIONS
• AASECT program committee member: Evaluate/screen proposals for the 2016 annual meeting
• RESEARCH/MENTORING
  • Principle investigator: IRB – approved Research Project – Kegelsmart Device for improving urinary incontinence; study initiated Nov. 2015
• Mentored a Nurse Practitioner student weekly for the whole quarter: Sept-Dec 2015
• Mentored a Chief Resident: for her elective experience
• Mentored a second Chief Resident: for her elective experience

Laura Mercer, MD
NATIONAL/INTERNATIONAL PRESENTATIONS
• Accepted poster for the 2016 AGOG ACSM: Statewide Intern Boot Camp: A Pilot Program to Promote Collaboration in Education
• Invited Speaker: Telluride Midwinter Conference in Women's and Children's Healthcare: “Before Between and Beyond Pregnancy: A focus on Preconception and Interconception Care”
• Visiting Professor at the University of Buea College of Medicine. Presentations on: Postpartum Hemorrhage, Contraception, Abnormal Uterine Bleeding, Basic Infertility, Amenorrhea, PCOS

NATIONAL LEADERSHIP POSITIONS
• American College of OB/GYN Patient Education Editorial Board member
• Cameroon – Arizona Partnership Board of Directors
• American Congress of OB/GYN Arizona Section Legislative Committee Member
• American Congress of OB/GYN Arizona Section Junior Fellow Advisor

RESEARCH/MENTORING
• Research preceptor: Kelley Saunders – Appropriate Use of PreQerative Antibiotics
• Research preceptor: Dani Weiss = Defining diagnostic criteria for clinical chorioamnionitis
• Research preceptor: Rachael Bailey – Postpartum Hemorrhage Protocol
• Educational research: Simulation model for 3rd and 4th degree obstetrical lacerations

Michael Urig, MD
PUBLICATIONS
• Mentoring Resident Q.I. Project Dr. Williams Suture Kit
• Mentoring Resident Dr. Evans Research Project, Management of Chorioamnionitis and Antibiotic Treatment after Delivery.
• Mentoring Dr. Bailey, presentation to WHCCG, QI project PPH protocol update. Mentoring Dr. Bailey, presentation to WHCCG, QI project PPH protocol update.
• Weekly Obstetrical Conference

Laurie P Erickson, MD
NATIONAL PRESENTATIONS
• ACOG national Improvement Challenge, 3rd Place – Postpartum Hemorrhage: Optimization Through Creation of a Checklist
• Collaboration with Rachael Bailey, DO and Laura Mercer, MD
• ACOG ACSM: Statewide Intern Boot Camp: A Pilot Program to Promote Collaboration in Education, collaboration with Laura Mercer, MD

NATIONAL COMMITTEES
• ACOG AZ Vice Chair 2015
• ACOG Simulation Consortium

MENTORING RESIDENT PROJECTS
• Dr. Willis Hong: Implementation of Evidence Based Suture Optimization
• Dr. Weis: Does the Criterion Used for the Diagnosis of Clinical Chorioamnionitis Affect Maternal and Fetal Outcomes?
• Dr. Chen: Safe Surgery Process on Labor and Delivery: An Opportunity for Education
Michael R. Foley, MD

NATIONAL/INTERNATIONAL PRESENTATIONS

- Academy for Leadership and Development for the Society for Maternal – Fetal Medicine
- Lecturer, Reunion Course April 2015
- OB Challenges – Critical Care Obstetrics
  - Pulmonary Edema in Pregnancy
  - Hypertensive Emergencies in Pregnancy 2015
- Academy for Leadership and Development for SMFM – Part II – Denver, CO March 2015
- Thomas Jefferson University – Visiting Professor
  - Ancient Wisdom for Modern Medicine
  - DIC in Pregnancy 2015
- Philadelphia OB/GYN Society – Invited Speaker, Hypertensive Emergencies During Pregnancy
- San Francisco, CA Symposium Medicus Critical Care Obstetrics (Cardiac Disease in Pregnancy, Hypertensive Emergencies in Pregnancy, Diabetic Ketoacidosis during Pregnancy) 2015
- ReachMD “live” NPR Radio interview @ AGOG (San Francisco) Physician Burnout. 
- Grand Rounds – University of Tennessee, Chattanooga, TN Visiting Professor, DIC in Pregnancy, Ancient Wisdom for Modern Medicine Aug 2015
- Invited Speaker – Greece, Italy and Turkey Critical Care Obstetrics – Symposium Medicus Ancient Wisdom for Modern Medicine, DIC, HTN, Cardiac DX, DKA 2015
- SMFM Academy for Leadership and Development – Leadership class Sept-Oct 2015
- 3-day Critical Care Obstetrics – An Innovative and integrated Approach to Learning the Essentials – Simulation in Medicine Symposium at Phoenix Marriott/ Mesa DKA, DIC, Hypertensive Emergencies 2015
- The Ohio State University, Visiting Professor – “Understanding the Clotting Cascade” Nov 2015

PUBLICATIONS

- Transforming Clinical Education in Obstetrics and Gynecology, Gone is the Day of the Sage on the Stage – Mark Smith, Mike Foley Published in the Journal, April 2016
- Foley MR, Up-To-Date on line reference – Chapters on Congenital Card Disease in Women Parts 1 and 2. 2015.
- Foley MR, Up-To-Date on line reference – Congenital Heart Disease Gen Principles in Women Parts 1 and 2. 2015.
- Foley MR, Up-To-Date on line reference – Congenital Heart Disease Specific Lesions 1-11, 2015.
- Foley MR, Up-To-Date on line reference – Heart Failure in Pregnancy 2015.

BOOKS AND CHAPTERS

- Chapter: Rodel RL, Foley MR. Asthma in Pregnancy, Chapter 10, Maternal Medicine.
- McGraw-Hill. 2015 Jones M, Foley MR Chapter – Cardiovascular Disease in Pregnancy Ed CM

NATIONAL LEADERSHIP POSITIONS

- Healthcare Leadership Award Finalist – AZ Business April 2015
- Leadership Educator for The Academy of Leadership and development for The Society for Maternal Fetal Medicine
- Putting the “M” back into Maternal Fetal Medicine – National Education Committee – Society for Maternal Fetal Medicine
- Society for Maternal Fetal Medicine – Developing Quality Indicators for 2016
- Board of Directors for The Pregnancy Foundation – Society for Maternal Fetal Medicine 2015
- Quilligan Scholarship Committee – The Pregnancy Foundation 2015
2015 Obstetrics and Gynecology Physicians

These physicians make it possible for The Women’s Institute to be able to say
“*We exist to make a difference in people’s lives through excellent patient care.*”

Agahi, Farshad E, MD
Ahmad, Mohammad I, MD
Amaya, Mariana, MD
Arellano, Martin, MD
Ball, Randall Layne, MD
Beck, Belinda K, MD
Benjamin, Ivor B, MD
Bennion, Alka Batheja, MD
Bhoola, Snehal Kumar M, MD
Borst, Matthew P, MD
Bruce, Corey S, MD
Castro Marin, Cesar A, MD
Cedars, Leonard A, MD
Chavira, William A, MD
Cheney, Megan C, MD
Clewell, William H, MD
Cook, Curtis Ray, MD
Crawford, Scott J, MD
Culbertson, Bruce A, MD
Cyr, Emily C, MD
Davidson, George A, MD
Dern, Rachel Elaine, MD
Desanto, Gregory L, MD
Doan, Bao Thuy T, MD
Ehlenberger, Lydia G, MD
Elliot, John Palmer, MD
Erickson, Laurie P, MD
Foley, Michael R, MD
Fuller, Kisti Pope, MD
Garbaciak, Jr, John A, MD
Gentles Ford, Denise K, MD
Gibson, Jill Diane, MD
Gilpin, Brian G, MD
Glassman, David I, DO
Greenspan, David L, MD
Gunatilake, Ravindu P, MD
Gunnala, Sujatha, MD
Hade, Jesse J, MD
Hahn, Carol A, MD
Harpenau, John M, MD
Hebets, Lexine Marie, MD
Hernandez, Celso Antonio, MD
Hervey, Il, Michael Jerome, MD
Hill, Alexandria Jill, MD
Hoillett Barrett, Althea J, MD
Horowitz, Kathleen E, MD
Huff, W David, MD
Huls, Christopher Kevin, MD
Isaacson, Paul A, MD
Jackson, Brock C, MD
Janicek, Mike F, MD
Johnson, Mark D, MD
Johnson, Robert Lynn, MD
Kissil, Victor, DO
Kubby, Laurel A, MD
Kuhlman, Kathleen A, MD
Laband, Steven J, MD
Lee, Maureen, MD
Livingston, Kristin J, MD
Lythgoe, Kevin J, MD
MacArthur, Brian C, MD
Malik, Shazia A, MD
Marshburn, Paul W, MD
Mayer, Staci A, MD
Medchill, Michael T, MD
Mercer, Laura T, MD
Moore, Janet Lynn, MD
Mourad, Jamal, DO
Nelson, Steven G, MD
Obadia, Jack, DO
Oh, Chien C, MD
O’Sullivan, Erin A, MD
Perlow, Jordan H, MD
Politis, Eugenia G, MD
Porras, Enriqueta M, MD
Pottorf, Celeste E, DO
Rolstead, Deanna J, MD
Romero, Mary M, MD
Roy, Kelly H, MD
Schwartz, Kathleen A, MD
Scribner, Jr, Dennis R, MD
Spence, Ana Maria, MD
Spieker, Diane S, MD
Stanley, Eleanor P, MD
Starkov, Roman Solomon, MD
Strong, Jr, Thomas H, MD
Sweeten, Keri M, MD
Taylor, DeShawn L, MD
Tehranchi, Mani, MD
Thompson, Sharon R, MD
Trachtenberg, Neil, MD
Urig, Michael A, MD
Videla, Felipe LG, MD
Wickman, Debra S, MD
Williams, Marneece L, MD
Wingo, Shana, MD