

**DEPARTMENT OF
OBSTETRICS AND GYNECOLOGY**
Annual Report for July 1, 2017 – June 30, 2018



University of Rochester
School of Medicine and Dentistry

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

**UNIVERSITY OF ROCHESTER
SCHOOL OF MEDICINE AND DENTISTRY**

**Eva K. Pressman, M.D.
Professor and Chair**

ANNUAL REPORT

for the period

July 1, 2017 - June 30, 2018

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MESSAGE FROM THE CHAIR



Eva K. Pressman, M.D.
Henry A. Thiede Professor and Chair
Department of Obstetrics and Gynecology

It has been another remarkable year for the Department of Obstetrics and Gynecology. We continue to deliver the best, evidenced based care available to the women of Western New York, provide outstanding educational opportunities and push the boundaries of research in women's health.

Our faculty continues to grow with 57 full time physicians, 14 midwives, 13 nurse practitioners, 3 genetic counselors, 6 fellows, 31 residents, 12 PhD's and 121 community affiliated providers practicing at Strong Memorial, Highland, Thompson, Noyes and Jones Memorial Hospitals. In addition to seeing more than 130,000 outpatient visits and performing over 6000 surgical procedures and 6000 deliveries, our faculty have published nearly 40 peer-reviewed articles, presented 50 talks and posters at national and international meetings, and secured 20 new grants bringing the total funded projects in Obstetrics and Gynecology to 71 with a total of \$16.7 million in committed funding.

Highlights of this year include:

- Appointment of Dr. Erin Duecy as the Director of Pelvic Health and Continence Specialties
- Appointment of Dr. Amy Harrington as the OB/Gyn Residency Program Director and Dr. Courtney Olson Chen as the Associate Program Director.
- Recruitment of Dr. Ahmed Ibrahim Ahmed in Maternal Fetal Medicine
- Recruitment of Dr. Jil Johnson in Minimally Invasive Gynecology
- Recruitment of Sarah Ludlow Jensen and Holly Pranaat in Midwifery
- Recruitment of Erica Bliss in Reproductive Genetics
-

Current plans for expansion of services include a formalized program in Pelvic and Vulvar Pain with the addition of physical therapy, acupuncture and behavioral health support. This program will provide both much needed clinical services to the community and region and also allow opportunities in outcomes research.

On the regional front, Maternal Fetal Medicine continues to expand its coverage of OB/Gyn ultrasound and high risk consultations to several additional hospitals in Central and Western New York. In addition to adding imaging and telemedicine service at Mercy Hospital in Buffalo, expansions of services are planned in Watertown, Syracuse and Elmira. Reproductive Endocrinology also has a successful partnership in Syracuse and other opportunities are being explored. Telemedicine opportunities are also planned in

Gynecologic Oncology and Urogynecology to allow patients throughout the region to have better access to University services in their own home towns.

We also have had some transitions in the past year and anticipate some for the upcoming academic year. Dr. Gunhilde Buchsbaum retired in December and Michele Burtner stepped down as Director of Midwifery to pursue a fellowship in Breastfeeding Medicine. After a national search, we have recruited Tracy Webber to lead the Midwifery Division going forward and Dr. Kimberly Kelstone as a faculty midwife. Our General Obstetrics and Gynecology Division has recruited two new faculty with expertise in substance use in pregnancy (Dr. Julia MacCallum) and minimally invasive gynecology and pelvic pain (Dr. Ashley Gubbels). In Urogynecology and Reconstructive Pelvic Surgery, we recruited Dr. Jenifer Byrnes and Dr. Paula Doyle will decrease to 50% effort to pursue an industry relationship developing surgical instruments incorporating near-infrared imaging technology. At Highland Hospital, Dr. Marwa Ibrahim relocated to Michigan to be with family and we will hire Dr. Mary Towner next January.

I am proud to lead such a caring and accomplished department and look forward to all we will do together in the coming years.

LISTING OF FACULTY

FULL-TIME FACULTY

Chair

Associate Chair for Academic Affairs

Associate Chair for Clinical Affairs

Associate Chair for Education

Associate Chair for Research

Eva K. Pressman, M.D.

Kathleen M. Hoeger, M.D., M.P.H.

Adrienne D. Bonham, M.D.

Amy Harrington, M.D.

Timothy De Ver Dye, Ph.D.

Professor

Cynthia L. Angel, M.D.

Balasubramanian Bhagavath, M.D. (effective 10/1/17)

Timothy De Ver Dye, Ph.D.

Brent DuBeshter, M.D.

J. Christopher Glantz, M.D., M.P.H.

Diane M. Hartmann, M.D.

Kathleen M. Hoeger, M.D., M.P.H.

Vivian Lewis, M.D.

Richard K. Miller, Ph.D.

Richard G. Moore, M.D.

Eva K. Pressman, M.D.

John T. Queenan, Jr., M.D.

Ruth Anne Queenan, M.D., M.B.A.

Joseph J. Scibetta, M.D.

James R. Woods, Jr., M.D.

James R. Woods, Jr. Professor

Loralei L. Thornburg, M.D.

Professor Emeritus

Marvin S. Amstey, M.D.

Gunhilde Buchsbaum, M.D. (effective 1/1/18)

Elizabeth M. Cooper, C.N.M., Ed.D.

Constantino Fernandez, M.D.

David C. Foster, M.D., M.P.H.

Henry M. Hess, M.D., Ph.D.

Fred M. Howard, Jr., M.D.

Anthony H. Labrum, M.D.

Morton W. Miller, Ph.D.

Robert C. Tatelbaum, M.D.

Henry A. Thiede, M.D.

Adjunct Professor

Marie A. Caudill, Ph.D., R.D.

Kimberly O. O'Brien, Ph.D.

Associate Professor

Amy R. Benjamin, M.D.
Sarah J. Betstadt, M.D., M.P.H.
Adrienne D. Bonham, M.D.
Erin E. Duecy, M.D.
Amy R. Harrington, M.D.
Monique Ho, M.D.
Shawn P. Murphy, Ph.D.
Katrina F. Nicandri, M.D.
Colby A.H. Previte, M.D.
Deborah M. Rib, M.D.
David E. Seubert, M.D., J.D.
Rajesh K. Srivastava, Ph.D. (terminated 8/3/18)
Sajeena G. Thomas, M.D. (effective 9/1/17)
Loralei L. Thornburg, M.D.
Wendy S. Vitek, M.D. (effective 10/1/17)

Research Associate Professor

Rakesh K. Singh, Ph.D., MPhil
Christopher J. Stodgell, Ph.D.
Ronald W. Wood, Ph.D.

Adjunct Associate Professor

Emily S. Barrett, Ph.D.
Carmen Milagros Velez Vega, Ph.D., M.S.W.

Assistant Professor

Ahmed I. Ahmed, M.D. (effective 7/9/18)
Kristen E. Burhans, M.D.
Jenifer N. Byrnes, D.O. (effective 8/6/18)
Paula J. Doyle, M.D.
Kathryn J. Drennan, M.D.
Lisa M. Gray, M.D.
Ashley L. Gubbels, M.D. (effective 10/1/18)
Marwa Ibrahim, M.D. (terminated 6/1/2018)
Jil M. Johnson, D.O. (effective 11/1/17)
Kimberly S. Kelstone, CNM, DNP (effective 10/1/18)
Mitchell A. Linder, M.D.
Mary Ma, M.D.
Julia K. MacCallum, M.D. (effective 8/26/2018)
Amol K. Malshe, M.D.
Erin M. Masaba, M.D.
Jaelyn E. Morrison, M.D.
Jacqueline T. Nasso, C.N.M., M.S.
Courtney Olson-Chen, M.D.

Carole J. Peterson, M.D. (effective 10/1/17)
Sraddha S. Prativadi, M.D.
Neil S. Seligman, M.D.
Rebecca L. Skovgaard, C.N.M., M.S. (retired 1/1/18)
Sheena M. Stanard, M.D. (terminated 8/28/18)
Emily Thompson Carrillo, M.D.
Ellen J. Tourtelot, M.D.
Natalie S. Whaley, M.D.

Research Assistant Professor

Cabiria M. Barbosu, M.D., Ph.D., M.B.A. (effective 11/16/17)
Megan L. Falsetta Wood, Ph.D. (effective 10/16/18)
Wyatte C. Hall, Ph.D. (effective 8/16/18)
Brooke A. Levandowski, Ph.D.
Kyu Kwang Kim, Ph.D.
Rogelio Perez D'Gregorio, M.D., M.S. (effective 2/12/18)
Jay Reeder, Ph.D.
Richard W. Stahlhut, M.D., M.P.H. (terminated 12/31/17)

Adjunct Assistant Professor

Thomas J. Guttuso, M.D.
Jani E. Lewis, Ph.D.

Instructor

Rafael E. Campos Ros, M.D. (effective 7/1/18)
Ivelisse Rivera, M.D.
Kara R. Repich, M.D. (effective 8/17/17)
Mary N. Towner, M.D. (effective 1/7/19)
Xiaoqian Yu, D.O., M.P.H. (terminated 12/7/18)

Adjunct Instructor

Arthur M. Dee, M.S.

Fellow

Elizabeth A. Fontaine, M.D.
Stefanie J. Hollenbach, M.D.
Toy Gee (Annie) Lee, M.D. (terminated 6/30/18)
Heather M. Link, M.D.
Yolianne A. Lozada Capriles, M.D. (terminated 6/30/18)
Tara A. Lynch, M.D.
Ponnala Marinescu, M.D. (effective 7/1/18)
Lauren A. Miller, M.D., M.P.H. (terminated 6/30/18)
Erica K. Nicasio, M.D. (effective 7/1/18)
Derrick Sanderson, M.D.
Lauren E. Spivack, M.D. (effective 7/1/18)

Senior Associate

Michele L. Burtner, C.N.M., M.S.
Tracy R. Webber, CNM, MSN, MPA (effective 9/10/18)

Associate

Sheila A. Geen, C.N.M., M.S.N.
Pamela Jurich Wright, C.N.M., M.S.
Heather R. Lane, C.N.M., M.S.
C. Jeanne Peterson, M.S.
Helene M. Thompson-Scott, C.N.M., M.S.
Jo A. Wrona, C.N.M., M.S.

Clinical Associate

Tammy L. Farnham, C.N.M., M.S.

Assistant

Diana J. Bailey, M.S., C.G.C.
Ericka L. Bliss, M.S. (effective 7/1/18)
Alexis L. Gee, C.N.M., M.S.
Megan Hogan-Roy, C.N.M., M.S.
Sarah L. Jensen, C.N.M., M.S. (effective 8/21/17)
Stephanie C. Laniewski, M.S.
Caitlin Phillips LeGros, C.N.M., M.S.
Sreetama Pal (effective 1/1/19)
Melinda A.S. Pisaro, C.N.M., M.S.
Holly L. Pranaat, C.N.M., M.S. (effective 8/1/17)
Erin L. Scott, M.D. (effective 7/1/18)
Julana M. Spaulding, B.S.N., M.N., C.N.M.
Jenney A. Stringer, C.N.M., M.S.

FULL-TIME FACULTY WITH SECONDARY APPOINTMENT IN OBSTETRICS AND GYNECOLOGY

Martina Anto-Ocrah, Ph.D., M.P.H., MT (ASCP) (effective 7/1/18)
Assistant Professor Emergency Medicine and Obstetrics and Gynecology

Keisha L. Bell, M.D. (effective 9/1/18)
Senior Instructor Psychiatry and Obstetrics and Gynecology

Linda H. Chaudron, M.D., M.S.
Professor Psychiatry, Obstetrics and Gynecology and Pediatrics
Associate Vice President and Senior Associate Dean for Inclusion and Culture Development

Emma Ciafaloni, M.D. (effective 9/1/18)
Professor Neurology, Pediatrics and Obstetrics and Gynecology

Steven H. Eisinger, M.D.
Clinical Professor Family Medicine and Obstetrics and Gynecology

Katherine B. Greenberg, M.D.
Assistant Professor Pediatrics (Adolescent) and Obstetrics and Gynecology

Kathleen D. Holt, Ph.D.
Staff Scientist Clinical and Translational Science Institute and Senior Instructor, Obstetrics and Gynecology and Public Health

Donna A. Kreher, Ph.D.
Assistant Professor (part-time) of Psychology and Obstetrics and Gynecology

Ruth A. Lawrence, M.D.
Professor Pediatrics and Obstetrics and Gynecology

Dongmei Li, Ph.D.
Associate Professor of Clinical and Translational Science Institute and Obstetrics and Gynecology

Mary Gail Mercurio, M.D.
Professor Dermatology and Obstetrics and Gynecology

Melissa A. Mroz, M.D.
Assistant Professor Medicine and Obstetrics and Gynecology

Rachael H. Phelps, M.D.
Clinical Instructor Pediatrics and Obstetrics and Gynecology

Richard P. Phipps, Ph.D.
Professor Environmental Medicine, Pediatrics, Microbiology and Immunology, Obstetrics and Gynecology, Ophthalmology and of Pathology and Laboratory Medicine

Ellen L. Poleshuck, Ph.D.
Associate Professor Psychiatry (Psychology), Family Medicine and Obstetrics and Gynecology

Casey B. Rosen-Carole, M.D., M.P.H.
Assistant Professor Pediatrics (Neonatology) and Obstetrics and Gynecology

Shannon M. Smith, Ph.D.
Assistant Professor of Anesthesiology Research, Obstetrics and Gynecology and Psychiatry

Gareth J.W. Warren, M.S. MSc
Assistant Professor of Urology and Obstetrics and Gynecology

Miriam T. Weber, Ph.D.
Associate Professor Neurology, Obstetrics and Gynecology and Cognitive Behavioral Neurology

Richard N. Wissler, M.D., Ph.D.
Professor Anesthesiology and Obstetrics and Gynecology

Amanat M. Yosha, M.D., M.P.H.
Instructor of Clinical Family Medicine and Obstetrics and Gynecology

CLINICAL FACULTY AT STRONG MEMORIAL HOSPITAL

Clinical Professor

Jeffrey R. Fichter, M.D.
David L. Gandell, M.D.
Uma M. Penmetsa, M.D. (effective 8/1/18)
Stephan R. Sanko, M.D.

Clinical Professor Emeritus

W. Patrick Bernal, M.D.
Richard E. Fullerton, M.D.
Peter L. Kogut, M.D.
Robert A. Stookey, M.D.
Elizabeth D. Warner, M.D.

Clinical Associate Professor

Diane M. Cunningham, M.D.
Karen M. Duguid, M.D.
Dianne M. Edgar, M.D.
William J. Harvey, M.D.
Georgette J. Pulli, M.D.

Clinical Assistant Professor

Mary E. Ciranni-Callon, D.O.
Melissa A. Gunter, M.D. (effective 7/1/18)
Amy H. MacDonald, M.D. (effective 7/1/18)
Nancy E. McKnight, M.D.
Julie C. Sandruck, M.D.
Marit B. Sheffield, M.D.

Clinical Senior Instructor

Beth M. Cerrito, Ph.D.

Clinical Instructor

Corrie P. Anderson, D.O. (terminated 5/31/18)

Clinical Assistant

Wendy M. Featherstone, P.T., .DP.T.

CLINICAL FACULTY AT HIGHLAND, ROCHESTER GENERAL AND OTHER AREA HOSPITALS

Clinical Professor Emeritus

Gerard T. Guerinot, M.D.
Mark S. Levine, M.D.
Victor A. Poleshuck, M.D.

Clinical Associate Professor

Rita A. Clement, M.D.
Marc H. Eigg, M.D.
Jacquelyn Cullen Howitt, M.D.
Albert P. Jones, Jr., M.D. (retired 6/30/18)
Rahul Laroia, M.D.
Coral L. Surgeon, M.D.
Derek J. tenHoopen, M.D.
Eugene P. Toy, M.D.
Raphael Tshibangu, M.D.
Morris Wortman, M.D.

Clinical Assistant Professor

Laureen A. Burke, M.D.
Jane K. Doebelin, M.D.
Daniel W. Grace, M.D.
Marc S. Greenstein, D.O.
Rosalind A. Hayes, M.D.
Waldemar Klimek, D.O.
Oona Lim, M.D.
Mohamad S. Mahmoud, M.D.
Elizabeth D. Morningstar, M.D.
Marcy C. Mulconry, M.D.
Edward B. Ogden, M.D.
Leslie E. Purnell, M.D.
Muhammad S. Tariq Qureshi, M.D.
G. Theodore Ruckert, IV, M.D.
Earlando O. Thomas, M.D.
Madonna R. Tomani, M.D.
Maggie D. Vill, M.D.
Mary M. Wilsch, M.D.

Clinical Instructor

Rehan B. Asif, M.D.
Anna Barbi, D.O.
Jeroo Bharucha, M.D.
M. Elizabeth Bostock, M.D.
Jennifer Brown-Broderick, M.D.
J. Steven Burkhart, M.D.

Paul A. Cabral, M.D.
Michelle L. Chin, M.D.
Benjamin R. Christensen, M.D.
Tripta Dass, M.D. (terminated 6/30/18)
Tamara E. DiNolfo, M.D.
Wendy M. Dwyer-Albano, M.D.
Heather B. Florescue, M.D.
Katina M. Foster, M.D.
Miranda Harris-Glocker, M.D.
Kelly A. Herron, M.D.
Michelle M. Herron, M.D.
Haldipur V. Janardhan, M.D.
M. Jamil Mroueh, M.D.
M. Raymond Naassana, M.D.
Johann Piquion Joseph, M.D., M.P.H.
Kathleen Robischon, M.D.
Gustave T. Ruckert, D.O.
Maureen R. Slattery, M.D.
Amy E. Smith, M.D.
Katherine Stouter Lammers, M.D.
Samuel E. Tripp, M.D.
Megan B. Vaules, M.D.
Catalina M. Vial, M.D.
Amanda J. Victory, M.D.

Clinical Associate

Joan S. Brenner, C.N.M., M.S. (terminated 6/30/18)
Catherine A. Burke, C.N.M., M.S.N.
Sandra A. Lewis, C.N.M., M.S.
Mary Jo Spallina, C.N.M., M.S.

Clinical Assistant

Marilyn S. Brooks, R.N.C., M.S.N., C.N.M.
Rosemary L. Janofsky, M.S.N., C.N.M.
Martha D. Thompson, M.S.N., C.N.M., W.H.N.P.
Heidi L. Zielinski, C.N.M., M.S.

OBSTETRICS AND GYNECOLOGY HOUSESTAFF

OUTGOING CHIEF RESIDENTS

Jennifer Black MD
Brattleboro OB-GYN
Brattleboro, VT 05301

Haley Meyer, MD
Essentia Health Duluth
Duluth, MN 55805

Mary Towner, MD
Highland Women's Health
990 South Ave. Suite 103
Rochester, NY 14620

Sheila Flaum, DO
Fellowship
University of Michigan
Ann Arbor, Michigan 48109

Jessica Mitchell, MD, MSc.
Advocate Medical Group
890 Garfield Ave. Suite 200
Libertyville, IL 60048

Ferdous Zannat, MD
Woodhull Hospital
760 Broadway
Brooklyn, NY 11206

Jennifer Leone, MD
Perinatal Associate at GBMC
6565 N. Charles St. Suite 406
Towson, MD 21204

Laura Pekman, MD
Charlotte Ob/Gyn
1025 Morehead Medical Drive Suite 400
Charlotte, NC 28204

PGY4 (2017/2018)

Katherine Congelosi, MD
Alecia Fields, DO
Laura Hanks, MD

Olivia Higgins, MD
Alexis Pilato, MD
Rachelle St. Onge, MD

Marika Toscano, MD
Phoebe Whalen, MD

PGY3 (2017/2018)

Jillian Dodge, DO
Matthew Gevelinger, MD
Katrina Heyrana, MD, PhD

Danielle Krueger, MD
Rachel O'Connell, MD
Arti Ajmani Taggar, MD, MPH

Elizabeth Whinston, MD, PhD

PGY2 (2017/2018)

Tiffany Abreu, MD
Alexandra Blackman, MD
Katelyn Carey, MD, MPH

Cheryl Chu, MD
Elizabeth Porcellio, MD
Victoria Quimpo Moretti, MD

Katherine Rogg, MD
Alexandra Samborski, MD

INTERNS (2017/2018)

Alyssa Adkins, MD
Adam Evans, MD
Emily Leubner, MD

Miriam McQuade, MD
Alexandra Morell, MD
Lauren Paraison, MD

Margaret Schoeniger, MD
Kaylee Underkofler, MD, MPH

FACULTY ACTIVITIES

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

ADMINISTRATIVE ACTIVITIES

Cynthia L. Angel, M.D.

Hospital and Medical School

1. East 5 Gynecologic Clinical Service Quality Committee
2. JACHO GYN ONC Disease Specific Committee Member at Highland Hospital
3. East 5 Re-Admission Committee
4. GYN Morbidity/Mortality Committee
5. GYN ONC Certification Committee
6. Chairman of the Board at Cancer Wellness Connections

Cabiria Monica Barbosu, M.D., Ph.D., M.B.A.

Hospital and Medical School

1. 2018 UR Diversity Conference Planning Team. This conference is hosted by the UR's Office of Faculty Development and Diversity. The overall objective of the diversity conference is for the University community and the Greater Rochester community to engage with diversity-related topics.

Amy R. Benjamin, M.D.

Hospital and Medical School

1. THRIVE: Transgender Healthcare, Respecting Individuals, Valuing Everyone (Advisory Committee to the Medical Executive Committee)
2. Electronic Consent Committee
3. Minimally Invasive Gynecologic Surgery Steering Committee
4. Robotic Surgery Steering Committee
5. Gynecology Service OR Committee, Chair
6. OR Quality Assurance Committee

National

1. Board of Directors, International Pelvic Pain Society
2. Patient Education Committee, International Pelvic Pain Society

Sarah J. Betstadt, M.D., M.P.H.

Hospital and Medical School

1. Committee member, Pediatric Chair search committee for Golisano Children's Hospital
2. URMC Medical School Admissions Committee
3. Medical Staff Council, University of Rochester
4. Junior Women's Faculty Group, University of Rochester
5. Patient Family Centered Care, University of Rochester

Editorial Boards

1. Reviewer, Contraception, Official Journal of Association of Reproductive Health Professionals and Society of Family Planning.

Balasubramanian Bhagavath, M.B.B.S.

Hospital and Medical School

1. Member, Liaison Committee on Medical Education (LCME)
2. Simulation Steering Committee
3. Chair, Minimally Invasive Gynecologic Surgery Steering Committee

National

1. EMIG cognitive Exam Review Committee, AAGL
2. Fellowship Education Committee, FMIGS
3. Curriculum Standardization Committee, FMIGS
4. ASRM Coding Committee
5. Society of Reproductive Surgeons Vice President
6. ACOG RUC Team Member
7. Coding Committee, AAGL
8. ASRM Video Committee
9. AAGL Standards Committee

International

1. Society of Reproductive Surgeons Committee

Editorial Boards

1. Editorial Reviewer of Newsletter Society of Reproductive Surgeons
2. Editorial Reviewer Obstetrics and Gynecology
3. Editorial Reviewer Fertility and Sterility
4. Editorial Reviewer American Journal of Obstetrics and Gynecology
5. Editorial Reviewer Journal of Minimally Invasive Gynecology
6. Editorial Reviewer NAMS Menopause Care Updates
7. Editorial Reviewer Public Library of Science

Adrienne D. Bonham, M.D., M.S.

Hospital and Medical School

1. Human Resources Oversight Committee for the Board of Trustees
2. URMC Finance Committee
3. Chair of the Medical Faculty Council
4. Ambulatory Directors Committee
5. Co-Chair of the University Benefits Committee
6. Perioperative Services ICare Guiding Coalition
7. University of Rochester Medical Center Committee on Diversity
8. Unit Based Performance Program, Birth Center, Strong Memorial Hospital
9. Ob/Gyn Resident Selection Committee, Strong Memorial Hospital
10. Advisory Committee on Education, Strong Memorial Hospital

Editorial Boards

1. Ad Hoc reviewer for the Journal of Lower Genital Tract Disease

Gunhilde Marianne Buchsbaum, M.D., M.B.A.

Hospital and Medical School

1. MEDSAC Steering Committee
2. Ad hoc faculty promotion committees
3. Strong Memorial Hospital Robotic Surgery Committee
4. Departmental Leadership Committee: Meeting of OB-GYN leadership to discuss ongoing departmental initiatives & business.

Kristen E. Burhans, M.D.

Hospital and Medical School

1. OB/GYN Simulation Steering Committee
2. Clinical Competency Committee

Michele L. Burtner, M.S.

Hospital and Medical School

1. Medical Staff Credentials Committee - SMH & HH
2. Highland Hospital Breastfeeding Committee

Paula J. Doyle, M.D.

Hospital and Medical School

1. Scientific Member of the Research Subjects Review Board
2. Clinical Competency Committee for Urogynecology
3. Annual Urogynecology Fellowship Evaluation Committee

National

1. Society of Gynecologic Surgeons Systematic Review Group

Kathryn J. Drennan, M.D.

Hospital and Medical School

1. Medical Director, University of Rochester Medicine Perinatal Associates
2. Medical Director, antepartum and gynecology inpatient unit
3. Medical Director, Obstetric and Gynecologic ultrasound
4. QA committee
5. Clinical council
6. Prenatal Diagnosis Committee
7. Morbidity and Mortality Conference

Brent DuBeshter, M.D.

Hospital and Medical School

1. Cancer Center Clinical Advisory Committee
2. Member Cancer Center Oncology Therapeutics Committee James P Wilmot Cancer Center
3. Member Quality Assurance Highland Hospital
4. Medical Policy Committee, Excellus

National

1. Taskforce on Coding and Reimbursement, Society of Gynecologic Oncology

Editorial Boards:

1. Obstetrics & Gynecology
2. Gynecologic Oncology
3. International Journal of Gynecologic Cancer
4. European Journal of Surgical Oncology
5. Cancer Cytopathology
6. Cancer Detection and Prevention
7. Journal of the American College of Surgeons
8. Int J Cancer
9. Hospital Pharmacy

Erin E. Duecy, M.D.

Hospital and Medical School

1. Wellness Strategic Planning Work Group, URMC Physician Wellness Committee
2. Promotions Committee Evaluator Small group evaluation of promotion applications for URMC faculty.
3. Graduate Medical Education Subcommittee for Program Review
4. Graduate Medical Education Committee (GMEC)
5. OB-GYN Education & Nursing Liaison Committee Quarterly meeting with OB-GYN nursing leadership to discuss & optimize trainee-nursing interactions, policies, and safety issues.
6. OB-GYN Simulation Steering Committee. Member. Organization of departmental, interdepartmental, and residency simulation activities.
7. OB-GYN Safety Rounds Committee Monthly meeting of URMC Chief Quality & Safety Officer, nursing leadership, invited resident physicians & attendings. Discussion of department and unit-specific safety and quality issues, unit rounds.
8. OB-GYN Clinical Competence Committee. Member. Collect and organize documentation of resident performance for review by committee semi-annually (32 residents). Review data for 2-3 residents and present milestones progress assessment to committee.
9. Urogynecology Clinical Competence Committee. Member. Collect and organize documentation of fellow performance for review by committee semi-annually (1-2 fellows).
10. Departmental Leadership Committee: Meeting of OB-GYN leadership to discuss ongoing departmental initiatives & business.
11. Advisory Committee on OB-GYN Education (ACE), Chair: Educational committee attended by representatives from all departmental divisions, departmental leadership, medical student coordinator, private faculty, etc. tasked with oversight and ongoing improvement of the OB-GYN educational experience at URMC.

Timothy De Ver Dye, Ph.D.

Hospital and Medical School

1. Committee on Graduate Studies
2. CTSI Leadership Committee
3. Committee on International Travel, Health, & Safety
4. Academic IT Advisory Committee
5. Steering Committee Member, Institute for Data Science

National/International

1. Appointed Member Committee on Data for Science and Technology (CODATA)

2. International Council for Science (ICSU) Paris, France
3. Board Member, Haiti Outreach Project Espwa (H.O.P.E.)
4. Member, Training Advisory Board, The Puerto Rico Test-site for Exploring Contamination Threats (PROTECT) Program

Editorial Boards

1. Editor-in-Chief, Maternal and Child Health Journal
2. Editorial Board Member, Data Science Journal

Alexis L. Gee, M.S.N.

Hospital and Medical School

1. Perinatal Review Committee

J. Christopher Glantz, M.D., M.P.H.

Hospital and Medical School

1. Patient Safety and Risk Management Committee
2. Perinatal Morbidity and Mortality Committee

National

1. Governor's Taskforce on Maternal Mortality and Disparate Racial Outcomes, New York,
2. Member-At-Large, New York State Perinatal Association (NYSPA) Board of Directors
3. Vice Chair, Section 10, ACOG District II
4. New York State Maternal Mortality Review Board Executive Committee (ACOG/NYSDOH)
5. New York State Maternal Mortality Review Board Executive Committee
6. ACOG Safe Motherhood Initiative
7. New York State Obstetrics/Neonatal Quality Consortium
8. Medical Director, Statewide Perinatal Data System (SPDS)

Editorial Boards

1. Strong PeriFACTS

Lisa M. Gray, M.D.

Hospital and Medical School

1. Program Evaluation Committee Obstetrics and Gynecology Residency Responsible for compiling feedback from residents, faculty, and staff regarding components of the residency in order to optimize the educational quality of the program.
2. Clinical Competency Committee Obstetrics and Gynecology Residency Responsible for reviewing resident evaluations, performance, and case logs to provide summative comments to foster performance improvement.
3. Chair, Clinical Competency Committee Maternal-Fetal Medicine Fellowship Responsible for: - Coordinating meetings of the Clinical Competency Committee to review fellow performance - Leading discussion during CCC meetings - Compiling and providing summative comments to the Program Director for semi-annual fellow evaluations
4. DSRIP (Delivery System Reform Incentive Payment) Maternal/Child Health Project. Interdisciplinary team charged with developing and championing a plan for UR Medicine to address the DSRIP outcome measures in maternal/child health.

5. Program Evaluation Committee Maternal-Fetal Medicine Fellowship Responsible for compiling feedback from fellows, faculty, and staff regarding components of the fellowship in order to optimize the educational quality of the program.
6. Prenatal Diagnosis Committee. Responsible for preparation and presentation of cases from 2012-2015; Multidisciplinary committee responsible for discussion and planning regarding fetal complications diagnosed in-utero.
7. SMH Perinatal Morbidity and Mortality Committee. Responsible for preparation and presentation of cases from 2012-2015; Multidisciplinary committee that reviews cases of perinatal death to improve care delivery and outcomes in perinatal care.

Amy Robinson Harrington, M.D.

Hospital and Medical School

1. Ad Hoc Faculty Promotion Committee
2. Program Director Champion, Pursuing Excellence Initiative: Better Teams, Better Care
3. Physician Champion, Immediate Postpartum LARC Service -Created a protocol and worked with a multidisciplinary team to help provide insurance coverage and hospital availability of all LARC devices to postpartum women. -Collaboration with the University of Michigan to help aid in their creation of an immediate PP LARC toolkit.
4. FPM & RS Program Evaluation Committee
5. Maternal Fetal Medicine Fellowship Program Evaluation Committee
6. Maternal Fetal Medicine, Competency Committee
7. Maternal Fetal Medicine, Program Evaluation Committee, University of Rochester (Departmental)
8. Simulation Steering Committee, Obstetrics & Gynecology, University of Rochester School of Medicine and Dentistry -Participated in LEAN led meeting to create a mission statement -Created a 2 year cycle of simulation activities -Created check-lists to ensure consistency -Created a system of feedback and evaluation tied to promotion within the residency program and tied to the ACGME milestones -Created a metrics (behavioral checklists, knowledge Q&A): IUDs, implants, MVA and D&E skills
9. Obstetrics & Gynecology Resident Competency Committee

National

1. New York State Collaborative Improvement and Innovation Network to Reduce Infant Mortality (IM-CollN)Pre/Interconception Health Workgroup -Focus on proper birth spacing intervals, planned pregnancies & LARC

Diane Marie Hartmann, M.D.

Hospital and Medical School

1. Chair Graduate Medical Education Committee

National

1. ACGME Clinical Learning Environment Review Committee
2. Invited Member AAMC Advisory Panel on Medical Education
3. Chair "Road to Maintaining Excellence" Program, Office Practice Section American College of Obstetrics and Gynecology
4. Design Team Member GME Leadership Development Course American Association of Medical Colleges

5. Advisory Board Member UPDATE: Continuing Education for the Obstetrician/Gynecologist American College of Obstetrics and Gynecology
6. Faculty Program Directors' School Council on Resident Education in Obstetrics and Gynecology
7. Examiner Oral Board American Board of Obstetrics and Gynecology

Monique Ho, M.D.

Hospital and Medical School

1. Acting OB/GYN Representative, Hospital Laboratory Diagnostics Committee
2. Chair, OB/GYN subcommittee, Laboratory Diagnostics Committee
3. Chair, Prenatal Diagnosis Committee
4. Lab and Path Medicine Maternal Screening Group

Kathleen M. Hoeger, M.D., M.P.H.

Hospital and Medical School

1. Human Stem Cell Research Oversight Committee

National

1. Consultant for the US Food and Drug Administration (FDA) Bone, Reproductive and Urologic Drugs Advisory Committee (BRUDAC)
2. Endocrine Society Clinical practice guidelines committee for PCOS

Editorial Boards

1. Journal of Clinical Endocrinology and Metabolism
2. Obstetrical & Gynecological Survey
3. Fertility & Sterility
4. Ad hoc Reviewer for: Human Reproduction
5. Ad hoc Reviewer for: Clinical Endocrinology
6. Ad hoc Reviewer for: Endocrinology
7. Ad hoc Reviewer for: Diabetes Research and Clinical Practice
8. Ad hoc Reviewer for: Journal of Women's Health
9. Ad hoc Reviewer for: New England Journal of Medicine
10. Ad hoc Reviewer for: Obesity Reviews
11. Ad hoc Reviewer for: Obesity

Jil M. Johnson, D.O.

Hospital and Medical School

1. THRIVE Committee

Heather R. Lane, M.S.N.

Hospital and Medical School

1. Residency Education Committee
2. Highland Hospital Family Maternity Center Clinical Service Quality Committee

Brooke A. Levandowski, Ph.D., M.P.A.

Hospital and Medical School

1. Transgender Healthcare Respecting Individuals Valuing Everyone (THRIVE) Advisory Committee to the Medical Executive Committee
2. Clinical Translational Science Institute Population Health Coordinating Committee
3. Clinical Translational Science Institute Electronic Health Record Cluster
4. Clinical Translational Science Institute Infrastructure Cluster
5. Clinical Translational Science Institute Population Health Cluster
6. Clinical Translational Science Institute Informatics Cluster

Vivian Lewis, M.D.

Hospital and Medical School

1. Rochester bridges to the doctorate for deaf and hard of hearing students (GM107739-01). This is an education and training grant to increase opportunities for deaf and hard of hearing students to earn advanced degrees in biomedical sciences. (PI- Simpson-Haidaris, Patricia J). Role- Oversight committee, co-chair.
2. Rochester Partnership to Advance Research and Academic Careers in Deaf Scholars; (K12 GM 106997). This is an education and training grant to increase opportunities for deaf and hard of hearing individuals to obtain advanced training in biomedical research. (PI- Dewhurst, S). Role – Oversight committee.

National

1. Eunice Kennedy Shriver National Institute of Child Health and Human Development; Diversity Task Force
2. Food and Drug Administration; Bone, Reproductive and Urologic Drugs Advisory Committee Chair

Mitchell A. Linder, M.D.

Hospital and Medical School

1. eRecord eParc Implementation team
2. eRecord Certified Physician Builders Council
3. eRecord Provider Advisory Council
4. Compliance Liaison Committee
5. eRecord Department Deputy
6. OB/GYN Department eRecord Charge Capture Implementation team
7. Stork inpatient OB/GYN Optimization Committee
8. Ambulatory OB/GYN Optimization Committee

National

1. ASCCP Practice Committee member

Mary Ma, M.B.B.Ch., B.A.O.

Hospital and Medical School

1. URMIC EPIC Physician Builder Group

2. URM C OB/GYN Ambulatory Optimization Group
3. URM C OB/GYN Ambulatory Optimization Group
4. URM C OB/GYN Stork Group
5. URM C OB/GYN Residency Competency Committee

Erin M. Masaba, M.D.

Hospital and Medical School

1. Medical Student Admissions Committee

Richard K. Miller, Ph.D.

Hospital and Medical School

1. Medical Student Applicant - Interviewer
2. Strong Children's Research Center Faculty
3. Chair, Goode Funding Review Committee

National/International

1. Chair, International Committee on Research -European Network of Teratology Information Services and the Organization of Teratology Information Services.
2. NIH ECHO BioSpecimens Utilization Committee Co-Chair
3. NIH ECHO Perinatal LifeStages Committee - Co-Chair
4. NIH ECHO Steering Committee - Member
5. Board of Scientific and Policy Advisors
6. OTIS Research Committee
7. Scientific Review Board, National Institutes of Health - TERIS, Teratology Information Computer System
8. Organization of Teratology information Specialists (OTIS) Member Scientific Review Board
9. Organization of Teratology information Services (OTIS) Member - Committee on Occupational Exposures

Editorial Boards:

1. Editorial Board Member, Trophoblast Research

Richard G. Moore, M.D.

Hospital and Medical School

1. MEDSAC Steering Committee
2. Perioperative Executive Committee
3. Robotic steering committee
4. Chair: Gynecology service line committee, Wilmot Cancer Institute
5. Chair: Gynecologic Oncology Service Line Committee
6. Cancer Center Service Line

Jaclyn Erin Morrison, M.D.

Hospital and Medical School

1. Medical Director, Strong Beginnings Birth Center

2. URMC OB-GYN Residency Program Clinical Competency Committee
3. Strong Memorial Hospital OB Quality Assurance Committee
4. Strong Memorial Hospital OB-GYN Quality Assurance Council
5. OB-GYN Resident Selection Committee University of Rochester

National

1. North American Society for Pediatric and Adolescent Gynecology "Adolescents and Women with Developmental Disabilities Special Interest Group"

Jacqueline Terese Nasso, M.S.

State

1. New York State (NYS) Board of Midwifery, appointed Board Member by the NYS Board of Regents

Community

1. David Gantt Recreation Center Community Health Fair; co-sponsored by the University of Rochester Medical School, interprofessional event, staffed and supervised nursing students from the University of Rochester Nursing School in checking blood pressure and education for community attendees
2. Rochester Woman's Giving Circle

Katrina F. Nicandri, M.D.

Hospital and Medical School

1. Morbidity and Mortality US News Survival Scores - Review the risk of morbidity with hospital readmissions at Strong Memorial Hospital -Develop protocols to decrease Morbidity and Mortality
2. Ad hoc Faculty Promotion Committee -Review faculty for promotion at the University of Rochester -Ensure that faculty meet the requirements set for by the University of Rochester for promotion
3. Working Group for Persons' with Disabilities -Interdisciplinary group of (Pediatricians, Dentists, Gynecologists, etc) dedicated to improving the care and quality of life for children and adults with disabilities
4. Minimally Invasive Gynecology Surgery -Interdisciplinary group of nurses, surgeons, and anesthesiologist dedicated to improving the practice of minimally invasive surgery at SMH. -Group credited with establishing SMH as a Minimally Invasive Gynecologic Center of Excellence.
5. MCIC Delivery of the Obstetrics and Gynecology Chair Report -Committee Member -Review MCIC cases as part of the QA review process
6. Gynecology Quality Assurance, Chair -Lead Root Cause Analysis of sentinel events -Lead Gynecology Quality Assurance meetings -Review Gynecology surgical complications. -Review and respond to patient relation inquires after a patient or family member complaint.
7. Department of Obstetrics and Gynecology Quality Assurance Counsel Department of Obstetrics and Gynecology -Interdisciplinary committee dedicated to patient safety and implementation of safety improvement plans.

National

1. NYS HPV Coalition: Provider Education Subcommittee - Mission to increase the HPV vaccination rates in NYS
2. ACOG District II LARC Task Force -Educate Providers and Patients in ACOG District II about LARC -Decrease Barriers to LARC both in the immediate post-partum period and to all women seeking contraception

International

1. North American Society for Pediatric and Adolescent Gynecology. -- Education Committee -- Addresses needs of residents, faculty, and patients to improve gynecologic care to Pediatric and Adolescent patients.
2. NASPAG Special Interest Group: Contraception. -- Focus on expanding contraception to decrease the unintended pregnancy rate in the USA -- Improve the quality of information and dissemination of contraception to adolescents -- Advocate for improved contraceptive access. -- Educate providers about contraceptive options in the adolescent population.
3. NASPAG Special Interest Group: Clinicians Care for Adolescents with Disabilities -- Mission to improve and provide evidence based care gynecologic for adolescents with disabilities.
4. ACRM Abstract Committee Member for NASPAG -- Review abstracts submitted for the ACRM NASPAG meeting. -- Review posts and research presentations at the ACRM Meeting Annually

Editorial Boards

1. North American Society of Pediatric and Adolescent Gynecology -Abstract Committee -Approve and review abstracts for the North American Society of Pediatric and Adolescent Gynecology Annual Conference and Research Meeting

Courtney Olson-Chen, M.D.

Hospital and Medical School

1. University of Rochester Graduate Medical Education Committee
2. University of Rochester Obstetrics & Gynecology Residency Program Evaluation Committee
3. University of Rochester Obstetrics & Gynecology Residency Competency Committee, Chair

Editorial Boards

1. Reviewer, Pediatric Drugs
2. Reviewer, Sexually Transmitted Infections
3. Reviewer, Maternal and Child Health Journal

Eva Karen Pressman, M.D.

Hospital and Medical School

1. UR Medical Center Board
2. Medical Executive Committee
3. Clinical Council
4. Quality Assurance Council
5. OB/Gyn Clinical Council
6. ACE Education Committee

National

1. SMFM Publications Committee
2. SMFM Board of Directors
3. SMFM Patient Education Subcommittee
4. National Academies of Sciences, Engineering and Medicine Committee on Safety and Quality of Abortion Care in the United States
5. ACOG Ethics Document Review Committee

Colby A. H. Previte, M.D.

Hospital and Medical School

1. Curriculum Steering Committee Member. Liaison between URSMD Instruction Committee and URSMD Curriculum Steering Committee at monthly meetings, evaluating, planning, and reviewing curricular updates for URSMD.
2. Vice Chair, URSMD Instruction Committee. Liaison between Women's Health Curriculum, and other course and clerkship directors. Partner with Committee Chair and members in curricular evaluation and assessment, and programmatic development for enhancing URSMD curriculum.
3. University of Rochester Highland Hospital Medical Staff. Elected to serve as Medical Staff leadership, starting January 1, 2016, for a term that includes two years in each the following roles in sequence: Treasurer, Vice-President, President, and Immediate Past President (serving as a member of the Highland Hospital Board of Trustees).
4. Highland Hospital, Highland Women's Health (HWH) at Culver Road Leadership Meetings. Medical Director of HWH at Culver Road member at monthly interdisciplinary leadership meetings with other team members, including Practice Manager, Nurse Leader, and Director of University Midwifery Group.
5. Instruction Committee Member. Liaison between Women's Health Curriculum and other course and clerkship directors (6 meetings per year)
6. Third Year/Fourth Year Core Instruction Committee Member Liaison between Women's Health Curriculum and other course and clerkship directors (6 meetings per year)
7. OB/GYN Residency Competency Committee. Highland Hospital Full-time Faculty generalist OB/GYN and URSMD OB/GYN Clerkship Director representative to quarterly milestones-based competency review of resident progress. Member of team determining feedback for residents, as well as assisting in determining improvement plans and mobilizing available resources for resident education.
8. URMC, Highland Hospital Department of OB/GYN, Highland Women's Health at Culver Road Leadership Committee. Role includes collaboration with the nurse leading, practice director, practice manager, department administrator, and department chair to address clinical and administrative concerns from the practice.
9. University of Rochester OB/GYN Residency, Highland Women's Health at Culver Road Community OB/GYN resident meetings. Supervise meetings 4-6 times per year for residents whose continuity practice is based at HWH-COB, reviewing practice updates, reviewing practice statistics, and discussing educational concerns.
10. Advisory Committee on Education, Executive Committee Liaison between department chair, division chairs, residency program, and medical student clerkship on committee addressing administrative and educational concerns pertaining to resident and medical student education.
11. OB/GYN Advisory Committee on Education, General Committee
12. Education Committee, Chair of committee comprised of OB/GYN Department faculty members of involved in components of medical student women's health education at URSMD.
13. Leadership Committee. Role includes presenting updates regarding medical student issues to department leadership, including division chairs, up six times yearly (based upon invitation from Chair).

John T. Queenan, Jr., M.D.

Hospital and Medical School

1. Medical Student Education Committee

National

1. Medical Advisory Board, Jones Institute for Reproductive Medicine, Norfolk, VA
2. CPT Advisory Committee, American Medical Association, Chicago, IL.
3. Chairman, CPT/Coding Committee, American Society for Reproductive Medicine, Birmingham, AL.
4. Subspecialty Liaison, CPT/Coding Committee, American College of Obstetrics and Gynecology, Washington DC.
5. ACOG Communications Committee, ACOG District II

International

1. Panel of Experts, ICD-11 Task Force, World Health Organization. Geneva, Switzerland.

Editorial Boards

1. External Referee, Journal for Reproductive Medicine
2. Ad hoc Editor, Obstetrics and Gynecology
3. External Referee, American Journal of Obstetrics and Gynecology
4. Ad hoc Editor, Fertility and Sterility

Ruth Anne Queenan, M.D., M.B.A.

Hospital and Medical School

1. Credential Committee University of Rochester Medical Center
2. Safety Committee - Highland Hospital
3. Clinical Council Highland Hospital
4. Infection Prevention Committee
5. Medical Executive Committee
6. Compliance Liaison Committee
7. Chief of Service Committee
8. Perioperative Executive Committee
9. Clinical Service Quality Committee - Obstetrics
10. Clinical Service Quality Committee - Gynecology
11. Clinical Service Quality Committee - Operative Services
12. Perinatal Peer Review
13. Gynecology Peer Review
14. Advisory Committee on Education (Department of Obstetrics and Gynecology)
15. Ad Hoc Promotions Committees

Deborah M. Rib, M.D.

Community

1. St. Joseph's Neighborhood Center - consultant gynecologist
2. Homeless Project Connect - 9/13/18 - participant, "ask the gynecologist" booth

Joseph James Scibetta, M.D.

Hospital and Medical School

1. Gynecologic Task Force for Operating Room Utilization and Long-Range Planning
2. Founding Member of the Board of Trustees: James P. Wilmot Foundation For Research in Cancer
3. Strong Memorial Gyn Operating Room Committee
4. GYN Operating Room Long Range Planning Committee

Neil S. Seligman, M.D.

Hospital and Medical School

1. Laboratory Diagnostic Committee
2. UPMC Therapeutics Committee Member
3. Acting Director of Reproductive Genetics
4. Director of Prenatal Diagnosis Conference
5. Director of resident Morbidity and Mortality Conference
6. Director of Labor and Delivery 3-1400
7. Unit Performance Program
8. Obstetrics Quality Assurance Workgroup Chair
9. Obstetrics and Gynecology Council. Responsible for assisting in guideline and protocol development.
10. Obstetrics Quality Assurance Council

State:

1. Liaison for NYS DOH Congenital Malformations Registry

Editorial Boards:

1. Editorial Advisory Board of Prenatal Cardiology (<https://www.degruyter.com/view/j/pcard>) -
2. PeriFACTS Clinical Quandary Editor

David E. Seubert, M.D., J.D.

Editorial Boards:

1. Reviewer, Journal of Perinatology
2. Reviewer, American Journal of Obstetrics and Gynecology

Rakesh K. Singh, Ph.D., M.Phil.

National

1. Gynecologic service line committee
2. Judge: Freedom from Cancer Startup Challenge (FCSC) <https://www.freedomfromcancerchallenge.org>. The Center for Advancing Innovation and MedImmune have partnered to launch the Freedom from Cancer Startup Challenge (FCSC). The FCSC features risk mitigated, and commercially viable inventions from leading research organizations. The goal of the geography independent challenge is to accelerate and increase the volume of commercialized cancer inventions by launching new startups. Funding is provided by the Laura and John Arnold Foundation

Editorial Boards:

1. Scientific Reports

Rajesh K. Srivastava, Ph.D.

National

1. ASRM Abstract Review Committee

Christopher J. Stodgell, Ph.D.

Hospital and Medical School

1. FASEB Finance Committee
2. Treasurer Teratology Society
4. Chair, University Committee on Animal Resources
5. Medical School Admissions Interviewer
6. Research Administration Governance
7. Faculty Senator - 2009-2017; Senate Executive Committee - 2015-2017; Chair 2016-2017

National

1. Congressionally Directed Medical Research Program, Autism Research Panel, Chair

Jenney A. Stringer, M.S.N.

Hospital and Medical School

1. Centering Pregnancy Steering Committee

Sajeena G. Thomas, M.D.

Hospital and Medical School

1. Wilmot Gynecologic Oncology Service Line
2. Member Quality Assurance Highland Hospital
3. Residency Clinical Competence Committee

Loralei L. Thornburg, M.D.

Hospital and Medical School

1. Executive Committee Member, Academic Research Tract (ART)
2. Member: Residency self-study evaluation committee. Monthly meetings to review and discuss process improvement in the residency, including educational excellence, research, quality improvement
3. Director of Thursday Perinatal Fellows Education & Research Seminar
4. CCC committee member for MFM fellowship
5. Ob/Gyn Clinical Counsel
6. Member, Obstetrics & Gynecology Quality Assurance Committee
7. MCIC Advisory & Leadership committee member
8. Maternal Fetal Medicine Fellowship Director
9. Education Committee, MFM Fellowship Program Responsible for development of the educational program for the MFM fellowship including lectures, clinical rotations, research support, and project development
10. Medical Associate Editor, Peri-FACTS: Member of the editorial board for the international online learning modules in obstetrics and fetal heart rate monitoring, including responsibilities with development of new curricula. Editor of the new Peri-FACTS textbook, 2012. Contributor to Peri-FACTS and to Peri-FACTS clinical quandaries series
11. QA Committee for Obstetrics-- Responsible for preparation and presentation of cases identified for further review for improvement of care and outcomes
12. Prenatal Diagnosis Committee
13. SMH Perinatal Morbidity and Mortality Committee

State:

1. Board Member & Finger Lakes Regional Representative- New York State Perinatal Association 2010-present; Executive Committee Secretary- 2013-present Statewide organization to advocate for excellence in perinatal health. Committees: Conference Development (Co-Chair 2013 conference; Chair- 2014, 2015 conferences) Website/Electronic/Social media development. - 6/2010-Present

National

1. Society of Maternal Fetal Medicine Member, External Communications Committee, Member, Education Committee, 2012-2015t: Committee to develop and evaluate educational content of the SMFM website and engagement of MFM fellows. Member, Literature Review Committee, 2012-present: Committee to review recent journals to compile list of relevant abstracts for membership.
2. Board Member: Perinatal Quality Foundation 2/2014- Present Committee assignments: -Research and Innovation Committee. 2010-present: Committee to develop research related to the Nuchal Translucency Quality Review (NTQR) data and evaluation of project requests from outside researchers using that data. -Education Committee, 2012-present: Committee to develop educational projects, including creation and development of a first trimester ultrasound and anomaly database, with an online quiz and education related to anatomy in the first trimester. - Genetic Education Module Task Force- 2016-present: Committee to develop online patient education tool related to genetics education and understanding prior to routine screening.

Editorial Boards:

1. Editorial Board: Medical Associate Editor, Perifacts
2. Reviewer: American Journal of Ob/Gyn

Ellen J. Tourtelot, M.D.

Hospital and Medical School

1. Council of the Medical Staff monthly meeting. This meeting has been disbanded and now is rolled into the SMH Clinical Council Meeting. I am an alternate when Dr. Pressman cannot attend.
2. DSRIP: We are in month 11 of our first year of having an OB care coordinator who has been doing an excellent job with managing complicated OB patients. She is concentrating on smoking cessation with pregnant patients, making sure patients come for appointments, and contraception and birth spacing after pregnancy in an effort to reduce preterm birth and low birth weight infants. This project involves 2 meetings per month to assess progress and trouble shoot problems.
3. Outpatient UPP team. Tracking performance improvement indicators and making changes to the office practice that will enhance office quality and safety. This project also involves teaching the resident on our team how to monitor office practice and safety initiatives as well as how to function as a team with people from different disciplines.
4. SCOPE-Safety Certification in Outpatient Practice Excellence Application submitted, site visit done 12/2015. Approval for 5 years granted April 2016 for WHP. I am responsible for submitting yearly updates to ACOG through 2021.
5. Quality Assurance Council monthly Meeting
6. Women's Health Practice Weekly Operations Meeting

Wendy S. Vitek, M.D.

Hospital and Medical School

1. Chair, 1st and 2nd year Instruction Committee
2. 3rd and 4th year Instruction Committee
3. Curriculum Steering Committee

Editorial Boards

1. Ad-Hoc Reviewer: Fertility and Sterility
2. Ad-Hoc Reviewer: Human Reproduction

Natalie Sue Whaley, M.D., M.P.H.

Hospital and Medical School

1. University of Rochester Ethics Committee
2. University of Rochester Faculty Diversity Liaison Committee
3. University of Rochester Medical Center Patient Engagement Committee.
4. Accountable Health Partners Specialist Advisory Committee.

National

1. Representative for ACOG District II, New York State Department of Health Chlamydia sub-committee
2. Reviewer. Scientific Abstract Committee, North American Forum on Family Planning.
3. ACOG District II Legislative Committee

Ronald Wood, Ph.D.

Hospital and Medical School

1. University IT Policy Committee

EDUCATIONAL CONTRIBUTIONS

Cynthia L. Angel, M.D.

1. Basic Science- Ovarian Cancer -
2. Gynecologic Oncology Lecture to Hematology Oncology Fellows
3. Didactics
4. RIT Lecture- Ovarian cancer and Hereditary syndromes
5. HH GYN ONC weekly Tumor Board presentation
6. Highland Hospital Monthly Gyn Oncology Conference

Cabiria Monica Barbosu, M.D., Ph.D., MS.B.A.

1. Review all HIV/AIDS, STD, HCV, Substance use continuing medical education courses for CE accreditation. These courses are used in live trainings, and also are offered online on the <https://ceitraining.org/>, offering CME/CNE/CPE credits.

Sarah J. Betstadt, M.D., M.P.H.

1. PCC230 Contraception and Abortion lectures, URMC Medical School
2. Facilitator, Intro to Clinical Medicine, sexual history taking -Updated existing lecture
3. Course Coordinator, Primary Care Clerkship, ambulatory curriculum on contraception and abortion for second year medical students, University of Rochester
4. Nexplanon Trainer
5. Medical Student Didactics for Third Year Medical Students-Postmenopausal Vaginal Bleeding and Menopause and Hormone Replacement Therapy
6. Mentor, Medical Students For Choice summer externship, University of Rochester
7. Course Coordinator, OBG 622, Fourth Year Family Planning Elective, University of Rochester -
8. Planned Parenthood of the Rochester/Syracuse Region - Provide and teach Ob/Gyn residents family planning services

Balasubramanian Bhagavath, M.B.B.S.

1. Teaching Faculty (lectures, hands on training on cadavers and box models),_/SREI REI Fellows Surgical Bootcamp, Methodist Hospital Simulation Center, Houston, TX
2. Teaching Faculty for the Hands-on Hysteroscopic Surgery Course at the 2017 46th AAGL Annual Meeting, National Harbor, MD
3. Teaching Faculty for the Hands-on Hysteroscopic Surgery Course at the 2017 AAGL Annual Meeting, Washington, DC, November 2017
4. Certified Trainer, Crucial Conversations® for malpractice premium reduction
5. Course Instructor Invited faculty to teach REI Surgical Boot Camp organized by SREI/SRS/ASRM. Teach REI fellows from the around the nation. Tampa, Florida
6. Laparoscopy and hysteroscopy simulation course instructor for OB/GYN residents, Department of Obstetrics and Gynecology, University of Rochester Medical
7. Residency Core lecture series on Endocrinology of Pregnancy, Female Infertility Evaluation; Primary Amenorrhea; Galactorrhea; PCOS; and Mullerian Anomalies, University of Rochester Medical Center

8. Basic science lecturer/preceptor for student presentations for 3rd year clerkship; New Directions in Reproductive Medicine, University of Rochester School of Medicine and Dentistry
9. Thursday Didactics Lectures for 3rd year clerkship; Infertility: Diagnosis and Treatment; Secondary Amenorrhea, University of Rochester School of Medicine and Dentistry
10. Endocrine Core Conference Lecture Series Female Infertility; The Normal Reproductive Cycle and Amenorrhea; Menopause, University of Rochester Medical Center
11. Endocrine-Metabolism Case Conference Present unusual and varying topics for academic and clinical discussion, University of Rochester Medical Center
12. Director, Scibetta Fellowship in Minimally Invasive Gynecologic Surgery University of Rochester Medical Center Rochester, New York
13. APGO SIMULATION LISTSERV This LISTSERV has been functional since 2010 and has more than 170 subscribers. It caters to the needs of the OB/GYN faculty around the country interested in simulation as a way to teach, learn and train. I am the sole moderator for this LISTSERV.

Adrienne D. Bonham, M.D., M.S.

1. RNFA course
2. Obstetrics curriculum, Rochester Institute of Technology Physician's Assistant Program Lecture topics include: Pregnancy physiology, Prenatal care, Complications of early pregnancy, Complications of late pregnancy, Labor and delivery, Postpartum care.
3. Teaching Attending, Strong Memorial Hospital. One week per month provide teaching and supervision of the resident on the inpatient obstetrics and gynecology service. During this week, the attending is responsible for: Coverage of the low risk obstetrical unit, supervising resident management of labor and deliveries, as well as acting as attending for all staff patients. Coverage of inpatient gynecology consultations. Coverage of emergency department consultations of all staff and unregistered patient. Coverage of all urgent surgeries and procedures on staff and unregistered patients. Teaching surgical skills to residents in the operating room and acting as the supervising attending for staff surgeries
4. Fourth Year Student Successful Interning elective, Interning in Ob/Gyn
5. Lecturer, Resident Core Curriculum - Ambulatory Ob/Gyn series
6. Resident lecture series. Colposcopy 2012 - present, Principals of cytology and cervical pathology 2012 - present, Tissue flaps, grafts and closures 2011 - present, Billing and Coding curriculum Management of menopausal symptoms
7. Lecturer, Resident Core Curriculum - Coding and Billing - Menopause - Hormone Replacement Therapy - Vulvovaginal Disorders
8. Lecturer, Second Year Student Core Curriculum: Dysfunctional uterine bleeding, Ectopic pregnancy, Early pregnancy loss, Management of menopausal symptoms

Kristen E. Burhans, M.D.

1. Medical Student 3rd Year Clerkship Site Coordinator for Strong Memorial Hospital, including site-coordinator didactics on vaginitis and contraception, as well as postmenopausal bleeding, menopause symptoms, hormone replacement therapy
2. Guest lecturer: Rochester Fire Department EMT course: Basic Obstetrics, Obstetric Complications, Gynecologic Emergencies
3. Course Coordinator: OBG-EXT: 4th year medical student elective (sub-internship)
4. OB/GYN Successful Interning Course
5. Course Co-coordinator: AAP District Education Grant awarded to develop a joint OB/GYN and NICU sponsored First Responders Conference to familiarize regional first responders on infant delivery and stabilization

6. Resident Simulation Coordinator
7. Lecturer, Resident Core Curriculum: Ambulatory CREOG review Transitioning from Resident to Attending Care of the Incarcerated Woman Ectopic Pregnancy
8. Lecturer/Proctor: Second year medical student didactic and simulation of routine vaginal delivery; preceptor for breast and pelvic examinations

Paula J. Doyle, M.D.

1. PELVIC ORGAN PROLAPSE; Interactive lecture taught annually to Urology residents reviewing the interactions between female pelvic organ prolapse and urinary dysfunction.
2. CADAVERIC PELVIC ANATOMY LAB This course is taught to 3rd year medical students as a basic science component towards completion of the Gynecology and Obstetrics rotation. This course is offered every three months at the University of Rochester School of Medicine and Dentistry.
3. PELVIC FLOOR DYSFUNCTION An interactive lecture given to 3rd medical students as part of the clinical rotation in Obstetrics & Gynecology. It is taught every three months at the University of Rochester School of Medicine and Dentistry.
4. Disease Processes and Therapeutics: Introduction to pelvic organ prolapse and urinary incontinence. Annual course for 2nd year medical students.
5. OB-GYN Medical Student Clerkship Lecture Series: Pelvic Floor & Vulvar Disorders. Present as problem-based learning activity throughout the year as students rotate through their clerkships.
6. OB/GYN Resident Simulation: Taught TVT techniques and 4th degree laceration repairs.
7. Assistant Residency Research Director

Kathryn J. Drennan, M.D.

1. Faculty Lecture to MFM Fellows: Spinal Cord Injury in Pregnancy
2. Lecture to Medical Students: Problem Based Learning Preceptor
3. Faculty Lecture to MFM Fellows: Morbidly Adherent Placenta
4. Faculty Lecture to Ob/Gyn residents: Morbidly Adherent Placenta
5. Faculty Lecture to Radiology Residents: Imaging in obstetrics and gynecology

Brent DuBeshter, M.D.

1. 2nd year medical students
2. Creog review- Residents
3. 3rd year student case presentations
4. Tumor Board

Erin E. Duecy, M.D.

1. URM Residants as Teachers Course, Co-Chair Half-day mandatory course for all rising second year residents to be given annually. Topics: Creating an Optimal Learning Environment, Teaching in the Clinical Learning Environment, Teaching Challenges & the Challenging Learner, Feedback & Evaluation. Role: Co-chair of committee developing format, topics, curriculum, organization & logistics, scheduling, development of follow-up supplemental educational interventions.
2. Pelvic Floor Disorders: clinical experience. Created for Internal Medicine residents interested in women's health. Created curriculum and mentor residents through clinical experience in office.

3. OB-GYN Medical Student Clerkship Lecture Series: Pelvic Floor & Vulvar Disorders. Wrote clinical scenario. Present as problem-based learning activity throughout the year as students rotate through their clerkships.
4. Pelvic Floor Disorders: Clinical experience for Family Medicine residents. Created curriculum and provide teaching & mentorship during longitudinal office experience.
5. Urogynecology Rotation for OB-GYN Residents: Created curriculum, provide on-on-one teaching sessions, final exam, Blackboard content, etc.
6. Medical Student Advisor for OB-GYN Residency Application Provide counseling regarding application requirements, assessment of qualifications, program choice, interview skills. Assess and edit CVs and personal statements. Typically 4-8 students per year with 2-5 meetings with each.
7. Faculty Facilitator & lecturer, Mindful Practice Curriculum Preparation & delivery of recurring 6 part lecture series as part of the university-wide program sponsored by MLMIC and the Arthur Vining Davis Foundation.
8. FPMRS Fellow Research Mentor *Research advisor for FPMRS thesis and as Master's Thesis Committee for MPH program.
9. Faculty Facilitator, Outpatient Urogynecology Rotation for Family Medicine Residents * Development of curriculum and teaching plan.
10. Faculty Facilitator, Outpatient Urogynecology Rotation for Urology Residents * Development of curriculum & teaching plan. *Trial rotations have resulted in development of a formal rotation for senior Urology residents for 2012.
11. Faculty Participant, Quarterly Resident GYN & Obstetric Skills Lab * Preparation of models and skills teaching of obstetric laceration repair * Supervision and evaluation of Fellows in a teaching role
12. Resident Research Mentor *Have acted as primary faculty advisor for 3 resident research projects; two have resulted in presentation at a national meeting; both manuscripts submitted for publication; one just presented at resident research day and being submitted to national meeting for 2013. *Have acted as accessory faculty advisor on several resident research projects resulting in successful presentation at Resident Research Day, national presentation, and publication. - 2009-Present
13. Perioperative Care of The Geriatric Patient Lecture Series Lectures series focusing on normal geriatric physiology and physiologic changes in the peri-operative setting affecting provision of medical care.
14. Faculty Facilitator, Outpatient Urogynecology Rotation for OB-GYN Residents. * Development & implementation of formal curriculum, scheduling, and resident evaluations. * Resulted in improved resident & faculty satisfaction with the Urogynecology experience including consistent resident evaluation of the rotation as one the highest rated rotations

Timothy De Ver Dye, Ph.D.

1. Developed PM 486 Medical Ecology, University of Rochester
2. Direct Doctoral Program (PhD) in Translational Biomedical Science, University of Rochester, 2018-
3. PI, MundoComm: ICT for Maternal Health in Costa Rica and Latin America, NIH
4. PI, Clinical Education Initiative, NYS AIDS Institute

Tammy L. Farnham, M.S.

1. Involvement with medical student and resident training as well as precepting various

Sheila Anne Geen, M.S.N.

1. Precept residents, medical students, advanced practice nursing and PA students during their ambulatory rotation to provide instruction in the area of obstetrics and gynecology.

J. Christopher Glantz, M.D., M.P.H.

1. Writing Workshop (fellows)
2. Fetal Ultrasound (monthly presentations to MFM fellows)
3. Public Health PhD Thesis Committee (x2)
4. MPH Thesis Committee (x5)

Lisa M. Gray, M.D.

1. Maternal Cardiac Arrest Simulation. OB/Gyn Residency Simulation Day. University of Rochester Medical Center. Rochester, NY. 12/7/2017

Amy Robinson Harrington, M.D.

1. Resident Ambulatory Curriculum Responsible for creating a 2 year cycle of topics and articles covering CREOG topics to review during resident weekly continuity clinics
2. Women's Health Practice Staff-Transportation & Poverty in Rochester
3. Guest Facilitator, Stigma Course (Dr. Natalie Whaley)
4. Facilitator-Intern Bootcamp, Residents
5. Women's Health Practice Staff-Update on STI's in Pregnancy
6. Guest Facilitator, Stigma Course (Dr. Natalie Whaley)
7. Successful Interning Elective-Women's Reproductive Health -Fourth year medical student elective
8. Resident Nexplanon Training 2015, 2017 Obstetrics & Gynecology 2015 Pediatrics 2017 Med/Peds
9. Course Co-Coordinator, OBG 622, Fourth Year Family Planning Elective, University of Rochester -8-10 students per year take this two week elective -Two weeks/8 hours per day Family Planning clinical instruction -Final oral presentation required
10. Medical student didactics: Postmenopausal Bleeding, Menopause, Hormone Replacement Therapy, Antenatal and Intra-partum Fetal Assessment, Contraception and Vaginitis, Vaginal Bleeding in Early Pregnancy
11. Medical Students for Choice Papaya workshop, annually
12. Preceptor for second year medical student teaching including: Medical student breast and pelvic examination teaching Primary Care Clerkship Contraceptive sessions, 2011, 2013 - 2011-Present
13. Family Planning service-includes teaching options counseling, sexually transmitted disease counseling and screening, contraceptive counseling, evaluation of patients for first and second trimester abortion planning, evaluation of patients for moderate sedation, first trimester ultrasound, office paracervical block and laminaria placement, first and second trimester abortions, IUD and implant insertions, office first trimester abortion, Ryan module quiz reviews and journal club (every 2 weeks). Also offers a 2 week Family Planning elective (approximately 10 students each year) and a Medical Student for Choice elective (approximately 1-3 students for 2-6 weeks each summer). - Creation of family planning resource website at URM (www.urmc.rochester.edu/ob-gyn/family-planning.aspx) -Creation and implementation of a Postpartum LARC protocol -Creation of up-to-date evidence based contraception handouts for Women's Health Practice

14. Small Group Facilitator, Primary Care Clerkship, ambulatory curriculum on contraception and abortion for second year medical students, University of Rochester -Facilitate small group sessions and standardized patient options counseling session -Proctor and teach breast and pelvic examinations with volunteer patients
15. Family Planning Attending -Daily bedside/operating room teaching with residents and students - Weekly journal club at Planned Parenthood and review of Ryan residency training curriculum - Mentor multiple family planning resident research projects (see research section)
16. General Obstetrics and Gynecology Attending -Precept in resident continuity clinic two- four days per month -Review weekly ambulatory journal club article with residents -Attend on resident continuity cases going to the operating room
17. Facilitator for Ambulatory Educational Curriculum
18. Preceptor in Resident Continuity Clinics
19. Faculty Advisor, Medical Students For Choice, University of Rochester Chapter -Organize and facilitate yearly Papaya workshops for medical students -Organize and facilitate yearly LARC (long-acting reversible contraception) workshops for medical students -Facilitate yearly Abortion Policy & Politics session -Facilitate shadowing opportunities -Participate in yearly Reproductive Rights Panel
20. Participate in Teaching Rounds/ Service attending for low risk obstetrics service and gynecology service. Ten weeks per year -Daily gyn rounds at 7AM -Precept presentations by residents and students -Daily bedside rounds for obstetrics and gynecology services Staff ED consults

Monique Ho, M.D.

1. Recurring Lecture, PTH 530, University of Rochester Graduate Education; " Embryonic and patient-specific pluripotent stem cells as models for determining embryotoxicity"
2. Recurring Lecture, PTH 510, University of Rochester Graduate Education, "Pathology of the Female Genital System"
3. Recurring Lecture, Molecules to Cells Course, School of Medicine and Dentistry; "Genetic screening and diagnosis in pregnancy"

Kathleen M. Hoeger, M.D., M.P.H.

1. Residency Core lecture series on Endocrinology of Pregnancy; Female Infertility Evaluation; Primary Amenorrhea; Galactorrhea; PCOS; and Mullerian anomalies, University of Rochester Medical Center
2. Basic science lecturer/preceptor for student presentations for 3rd year clerkship; New Directions in Reproductive Medicine, University of Rochester School of Medicine and Dentistry
3. Thursday Didactics Lectures for 3rd year clerkship; Infertility: Diagnosis and Treatment; Secondary Amenorrhea, University of Rochester School of Medicine and Dentistry
4. Endocrine Core Conference Lecture Series Female Infertility; The Normal Reproductive Cycle and Amenorrhea; Menopause, University of Rochester Medical Center
5. Endocrine-Metabolism Case Conference Present unusual and varying topics for academic and clinical discussion, University of Rochester Medical Center

Stefanie Hollenbach, M.D.

1. Hollenbach S.J., Miura Y. "Prenatal Airway Evaluations: Preparing for a Safe EXIT." *ENT Departmental Grand Rounds* The University of Rochester: April 2018.

Jil M. Johnson, D.O.

1. Multiple Didactic lectures for medical students
2. Laparoscopic SIM training
3. Development of FMIGs curriculum
4. Mentorship of multiple residents for grand rounds

Kyu Kwang Kim, Ph.D.

1. 2018 Summer Training Program of the Strong Children's Research Center

Brooke A. Levandowski, Ph.D., M.P.A.

1. PM 401- Quantitative Methods in Public Health Research - 5/2018-7/2018
2. Department of Family Medicine Resident education, Science of Family Medicine, University of Rochester Medical Center, AY 2017-2018, AY 2018-2019 academic year
3. Department of Obstetrics and Gynecology Resident education, Research Seminar, University of Rochester Medical Center, AY 2017-2018, AY 2018-2019- Guest lectures on methodology: qualitative research, study design, qualitative and mixed methods research methodology

Vivian Lewis, M.D.

1. Ever Better Mentoring hybrid online/face to face training for research mentors offered through the CTSI. Primary responsibility for online content and workshop facilitation.
2. Led the UR-Year program- a series of workshops to welcome new faculty, university-wide and support the start of their academic careers. The workshop themes included: launching your career, unconscious bias, academic writing, mindfulness, understanding research impact and disabilities in academia.
3. Conversations on Leadership- a seminar series for new academic leaders from across the university. This is a series for new chairs and division leaders to meet senior university leaders, understand central university functions and be introduced to resources for supporting their mission such as advancement, government and community relations, communications.
4. University-wide diversity conference. Oversaw the ninth annual conference- a day-long event for all faculty, staff, students and alumni to promote a more inclusive climate through education and dialogue. The event included a keynote speaker, 18 breakout sessions and a poster session.
5. Thesis committee- Martina Anto-Ocrah. PhD candidate in department of public health sciences.
6. Women's History Month: Women in Medicine- panel presentation. March 28, 2018. UR Campus Feminists
7. Future Faculty Initiative- a University of Rochester workshops series to prepare graduate students for careers in academia. Topics for the year included: the faculty role, course planning and assessment, resources for dealing with common student challenges (Title IX, accommodations, mental health referrals)

Mitchell A. Linder, M.D.

1. 4th year medical student simulation skills session in preparation for matching in Ob/Gyn
2. Resident lecture series: eRecord Optimization and Efficiency
3. eRecord Optimization and Efficiency lecture series for each Ob/Gyn division

4. Teaching Attending, Strong Memorial Hospital. 10 weeks per year, provide a week teaching and supervision of residents and medical students on the inpatient obstetrics and gynecology service. Responsibilities include supervision of obstetrics and gynecologic teams involved in antenatal care/laboring patients/postpartum care as well as gynecologic surgeries and ED consults/floor management. Daily bedside rounding for these services.
5. Preceptor, Ambulatory setting - Supervise resident continuity clinic 1-2 days per month including reviewing journal club articles and staff surgeries book from this clinic. Also supervise colposcopy clinic 4-6 times per year.
6. Resident lecture series: Tissue flaps, grafts and closures, Billing and Coding curriculum, Resident simulation for circumcision technique, Mock Oral Board Examination prep series
7. Lecturer: 3rd year medical student curriculum: postmenopausal bleeding and hormone replacement therapy.

Erin M. Masaba, M.D.

1. Residency Core lecture series on Endocrinology of Pregnancy; Female Infertility Evaluation; Primary Amenorrhea; Galactorrhea; PCOS; and Mullerian anomalies, University of Rochester Medical Center
2. Basic science lecturer/preceptor for student presentations for 3rd year clerkship; New Directions in Reproductive Medicine, University of Rochester School of Medicine and Dentistry
3. Thursday Didactics Lectures for 3rd year clerkship; Infertility: Diagnosis and Treatment; Secondary Amenorrhea, University of Rochester School of Medicine and Dentistry
4. Endocrine Core Conference Lecture Series Female Infertility; The Normal Reproductive Cycle and Amenorrhea; Menopause, University of Rochester Medical Center
5. Endocrine-Metabolism Case Conference Present unusual and varying topics for academic and clinical discussion, University of Rochester Medical Center

Richard K. Miller, Ph.D.

1. Teratology Society MiniCourse: RK Miller - Title: Roles of Placentae as an Anchor, Conduit and Controller during Pregnancy: Implications across Species Clearwater, Florida, June, 2018 - 6/2018
2. National Webinar - Organization of Teratology Information Specialists Grand Rounds, May 2018 RK Miller Title: Pesticides and Birth Defects - 5/2018
3. Special Course Society of Toxicology RK Miller Title: Disposition and Toxicity of Xenobiotics in the Placenta throughout Pregnancy San Antonio Texas, March 11, 2018 -3/2018
4. Hormone Laboratory, 3rd year medical students (4 - 2 hour sessions per year)
5. Integrated Organ Course - Female: lectures and laboratories, 2nd year medical students
6. OBS 502 Perinatal Pharmacology (for 1st and 2nd year medical students)
7. Pharm 530/Tox 530, Reproductive and Developmental Pharmacology/Toxicology (graduate and medical students; and perinatal fellows)
8. Tox 522, Toxicology Section Head, 6 lectures and laboratories for graduate students
9. Instructor - Year 2 Medical Student Lectures- 1. Teratology Counseling 2. Occupational and Viral Exposures during Pregnancy
10. Year 3 Medical Student Lectures - Reproductive Endocrinology Testing Teratology lecture and student presentations
11. Course Master and Instructor - Toxicology 530 Reproductive and Developmental Toxicology
12. Instructor - Year 2 Medical Student Lectures- 1. Teratology Counseling 2. Occupational and Viral Exposures during Pregnancy
13. Year 4 - Medical Student Program Process of Discovery - Mentor for Obs/Gyn Group

14. Year 3 Medical Student Lectures - Reproductive Endocrinology Testing Teratology lecture and student presentations
15. Course Master and Instructor - Toxicology 530 Reproductive and Developmental Toxicology
16. Section Director and Instructor - Toxicology 522 - Reproductive and Developmental Section

Richard G. Moore, M.D.

1. Tumor Board, Highland Hospital
2. Basic Science Research mentor for gynecologic oncology fellows

Jaclyn Erin Morrison, M.D.

1. Lecturer: OB-GYN Resident Core Curriculum "Pediatric Vulvovaginal Disorders"
2. Lecturer: OB-GYN Resident Core Curriculum "Gynecology CREOG Annual Review"
3. Faculty Supervisor: Resident Quality Improvement Projects (University of Rochester / Strong Memorial Hospital). Supervise and assist in development of resident quality assurance and improvement projects.
4. Faculty Supervisor: Reproductive Endocrinology Practice Guidelines for the Generalist (University of Rochester / Lattimore Women's Health Practice). Supervise, in conjunction with an REI subspecialist, the resident creation of REI practice guidelines for the university OB-GYN generalist practice. Personally created practice guideline information sheets on a variety of REI topics for use by the general OB-GYN staff/faculty.
5. Lecturer: Medical Student OB-GYN Didactics University of Rochester "Postmenopausal Bleeding" "Hormone Replacement Therapy"
6. Proctor: OB-GYN Resident Simulation (University of Rochester / Strong Memorial Hospital). Proctor for multiple resident simulation stations and activities, including mock oral board examination station.
7. Proctor: OB-GYN Residency Intern Boot Camp (University of Rochester). Proctor for intern orientation simulation sessions for introduction to OB-GYN surgical skills and procedures.
8. Attending Clinical Faculty: General OB-GYN (University of Rochester / Strong Memorial Hospital). Precept in resident continuity clinic. Review weekly ambulatory journal club articles with residents. Attend on resident continuity OR cases. Precept residents and medical students in the faculty OB-GYN practice.
9. Attending Clinical Faculty: Inpatient General OB-GYN (University of Rochester / Strong Memorial Hospital). Participate in teaching rounds. Serve as weekly service Attending for low-risk obstetrics service and gynecology service. Includes daily GYN rounds with supervision of resident and medical student patient and academic presentations. Daily bedside rounds for OB-GYN services. Staff ED consults for inpatient resident team.
10. Attending Clinical Faculty: Pediatric and Adolescent GYN (University of Rochester / Strong Memorial Hospital). Precept residents, medical students, and adolescent medicine fellows during their ambulatory rotation to provide instruction in the area of pediatric and adolescent gynecology.
11. Preceptor: Medical Student Breast and Pelvic Exam Teaching Session

Shawn Murphy, Ph.D.

1. Virology 456
2. Critical Thinking in Research 518

Jacqueline Terese Nasso, M.S.

1. Provide clinical instruction for nursing students, nurse-midwife students; nurse practitioner students and family practice and Ob/Gyn residents.
2. Clinical preceptor for third year medical students from the University of Rochester Medical Center and Physician Assistant students from Rochester Institute of Technology.
3. Preceptor for 4th year medical students completing community-based projects for their Community Health Improvement Course.
4. Coordinate and teach the Women's Health Care for Primary Care Nurse Practitioners at the University of Rochester School of Nursing. Involves lectures, coordinating guest speakers and community-based preceptors and clinical site visits, utilized student-centered learning and offered interprofessional educational seminar with third year medical students and faculty
5. Clinical preceptor for Family Nurse Practitioner students during Women's Health course at the University of Rochester, School of Nursing and St. John Fisher College
6. University of Rochester School of Nursing, Doctor of Nursing Practice "Interprofessional Partnerships"; co-taught, lecturer, co-course coordinator
7. University of Rochester School of Nursing, Advanced Practice Nurse Practitioner program, "Women's Health Care for Primary Care";, course coordinator, lecturer, preceptor, site visitor
8. University of Rochester School of Nursing, Accelerated Program for Non-nurses, "Care of Women and Families";, clinical instructor, lecturer High Risk Pregnancy
9. Developed and implemented "Centering Pregnancy" care for teenagers in the RAMP program based on the Centering Pregnancy Model in 2002. In 2006 Coordinated 2 day regional conference on "Centering Pregnancy", attended by over 75 midwives, nurses and physicians. Expanded the group model of care, in collaboration with the Rochester City School District's Young Mother's Program, on site at the school, with the "Prenatal Care at School Program", a pilot program was started in January of 2010, with full implementation in the fall of 2010, grant funding was awarded to the Rochester City School District to implement the program in the 2011-2012 school academic year. In 2014, implemented Centering Pregnancy at Highland Women's Health at Culver with the assistance of the Healthy Baby Network of Monroe County and HRSA grant (see below)
10. Coordinate and teach the Women's Health Care for Primary Care Nurse Practitioners at the University of Rochester School of Nursing. Involves lectures, coordinating guest speakers and community-based preceptors and clinical site visits, utilized student-centered learning and offered interprofessional educational seminar with third year medical students and faculty
11. Clinical preceptor for Family Nurse Practitioner students during Women's Health course at the University of Rochester, School of Nursing and St. John Fisher College

Katrina F. Nicandri, M.D.

1. Conference Director, Obstetrics and Gynecology Morbidity and Mortality Conference (URMC). - Compile Department Surgical Case Numbers for presentation (number of hospital readmissions, length of stay, etc) -Guide residents with case selection -Encourage faculty discussion for critical case review and identification of areas for improvement
2. Nexplanon/Implanon Trainer -Teach residents and faculty indications for use of Nexplanon. -Teach residents and faculty proper technique for Nexplanon insertion and removal.
3. Directory, Forth Year Medical Student Ambulatory Clerkship (URMC) -Individualize each student's rotation for maximal experience in all aspects of ambulatory Obstetrics and Gynecology: Ultrasound, Family Planning, Colposcopy, etc. -Meet with students weekly to discuss rotation and interesting clinical scenarios
4. Instructor, Resident Simulation Oral Board Case of the day -Lead a simulation station to aid in resident education and practice for Pudendal Nerve Blocks. -Review Pelvic Floor Anatomy -

5. Pediatric and Adolescent Gynecology Curriculum -Development of learning objectives for the OB/GYN residents in the area of PAG. Development of a lecture series for the OB/GYN residents in the area of PAG. -Posting pertinent articles in the subspecialty of PAG on URM, Blackboard.
6. Resident Simulation -- Gynecology Retractors and Prevention of Nerve Injury -Developed a simulation station to aid in resident education in the area of gynecologic retractors -Reviewed the common nerve injuries associated with gynecologic retractors and patient positioning prior to surgery.
7. Preceptor, Pediatric and Adolescent Gynecology Clinic -Adolescent Medicine Fellow -Mentor Adolescent Medicine Fellow in a faculty practice to provide experience in the area of Pediatric and Adolescent Gynecology.
8. Preceptor, Pediatric and Adolescent Gynecology Clinic -3rd year OB/GYN Resident -Elective Rotation -Mentor Obstetrics and Gynecology 3rd year Residents in a faculty practice during their elective rotation providing additional education in the area of Pediatric and Adolescent Gynecology.
9. Preceptor, Pediatric and Adolescent Gynecology Clinic -Ambulatory Rotation -Pediatric Residents - Mentor Pediatric Residents in a faculty practice during their ambulatory rotation providing additional education in the area of Pediatric and Adolescent Gynecology.
10. Preceptor, Pediatric and Adolescent Gynecology Clinic -Ambulatory Rotation -Medicine-Pediatric Residents -Mentor Medicine-Pediatric Residents in a faculty practice during their ambulatory rotation providing additional education in the area of Pediatric and Adolescent Gynecology.
11. Preceptor, Pediatric and Adolescent Gynecology Clinic -Adolescent Medicine Elective -Fourth year Clerkship -Mentor Fourth year medical students from the University of Rochester and visiting medical students in a faculty practice during their Adolescent Medicine Elective rotation providing education in the area of Pediatric and Adolescent Gynecology.
12. Preceptor, Faculty Gynecology Clinic -Women's Health Core Curriculum -2nd year medical students - Mentor Second year medical students in a faculty practice during their Women's Health Core Curriculum Course providing education in the area of Pediatric and Adolescent Gynecology and General Gynecology.
13. Attending Surgeon, Obstetrics and Gynecology Department of Obstetrics and Gynecology Strong Memorial Hospital, University of Rochester School of Medicine Rochester, NY -Supervise residents in the Operating Room; -Teaching safe, effective surgical technique, and post-operative care.
14. Attending Physician, Obstetrics and Gynecology Birth Center Department of Obstetrics and Gynecology Strong Memorial Hospital, University of Rochester School of Medicine Rochester, NY -Supervise residents on the Birth Center and Labor and Delivery overseeing management of antenatal care, intrapartum care, and postpartum care. -Supervise resident consultations in the Emergency Department and from other Medical Specialties Services within Strong Memorial Hospital.
15. Attending Physician, Obstetrics and Gynecology Continuity Clinic Department of Obstetrics and Gynecology Strong Memorial Hospital, University of Rochester School of Medicine Women's Health Practice Rochester NY -Oversee residents caring for patients in an ambulatory practice (develop differential diagnosis, patient evaluation (physical exam and testing), treatment plan (including decision for surgery), prenatal care, etc)
16. Preceptor, Faculty Gynecology clinic -Obstetrics and Gynecology Clerkship -3rd year medical students - Mentor Third year medical students in a faculty practice during their OB/GYN Clerkship providing education in the area of Pediatric and Adolescent Gynecology and General Gynecology.

Courtney Olson-Chen, M.D.

1. Medical Student Teaching:

- Breast and Pelvic Teaching with MS2 class
 - Labor and Gestational Hypertension Didactic Sessions with CC3 on OB rotation
 - Female Pelvic Exam Simulation for MS1 class
 - National CREOG and APGO "Step Up to Residency" Program: Obstetrics
 - National ACOG Annual Medical Student Workshops: Vaginal Delivery
 - Ob/Gyn Boot Camp for MS4 class: Vaginal Delivery
2. Resident Teaching:
 - Organization of the OB/GYN Residency Didactic Curriculum
 - Emergency Medicine and Ob/GYN Combined Resident Didactic: First Trimester Ultrasound
 - Ob/GYN Resident Didactic: Fetal Monitoring
 - Ob/GYN Resident Didactic: CREOG Review Lecture: Statistics and Ethics
 - Ob/GYN Resident Simulation Day: Mock Oral Boards on Shoulder Dystocia
 - Ob/GYN Resident Didactic: CREOG Review Lecture: Maternal-Fetal Medicine
 - Anesthesiology and Ob/Gyn Combined Didactic: Confessions
 - Ob/GYN Resident Simulation Day: Amniocentesis
 3. Fellow Teaching:
 - NICU Fellow Lecture Series: Assessment of Fetal Status
 - Maternal-Fetal Medicine Fellow Didactic: Fetal Hydrops

Rogelio E. Perez D'Gregorio, M.D., M.S.

1. As a member of OTIS (Organization of Teratology Information Specialists) I have developed 4 Fact Sheets for MotherToBaby, about MRI (magnetic resonance image) Doxepin, Hydroxychloroquine and Dextroamphetamine. I have participated in the peer review of other fact sheets.

Eva Karen Pressman, M.D.

1. OB/Gyn Chair Rounds "The Safety and Quality of Abortion Care in the United States" 19th Fellowship in Family Planning Annual Meeting, June 3, 2018.

Colby A. H. Previte, M.D.

1. University of Rochester Medical Center, Department of OB/GYN, Lecturer, "Residents as Teachers," OB/GYN residency intern orientation. Annual interactive session reviewing URSMD third year medical student learning objectives, education theory, teaching responsibilities and resources, and trouble-shooting exercises for residents addressing teaching, learning, and feedback.
2. University of Rochester, Highland Women's Health Lunch and Lecture Series, Consulting Physician. Role includes partnering with Jacqueline Nasso, CNM, to determine medical topics, assist in finding presenters, and provider clinical consultation for didactic series addressing pertinent clinical diagnoses, and their ambulatory management, including the roles of office administrators, nursing, and providers in facilitating team-based care.
3. University of Rochester Medical Center, Department of OB/GYN, Lecturer, "Teaching, Learning, and Feedback," resident lecture series. An interactive, case-based didactic session, reviewing URSMD third year medical student learning objectives, education theory, and trouble-shooting exercises for residents addressing teaching, learning, and feedback. Updated yearly based upon direct examples provided by resident physicians of their own teaching struggles.

4. University of Rochester School of Medicine and Dentistry, Rochester, NY, Second Year Medical Student Lecture, Primary Care Clerkship Course, "Annual Well Woman Examination" (lecture given in both small- and large-group format up to twice yearly).
5. University of Rochester School of Medicine and Dentistry, Rochester, NY, Second Year Medical Student Lecture, Primary Care Clerkship Course, "Vaginitis" (lecture given in both small- and large-group format up to twice yearly).
6. University of Rochester School of Medicine and Dentistry, Rochester, NY, Second Year Medical Student Lecture, Primary Care Clerkship Course, "Abnormal Uterine Bleeding" (lecture given in both small- and large-group format up to twice yearly).
7. University of Rochester School of Medicine and Dentistry, Rochester, NY, First Year Medical Student Lecture/Lab, Primary Care Clerkship Course, Male/Female Genitourinary Intergration Conference, "The Female Genitourinary Examination" and accompanying skills lab (yearly in November)
8. University of Rochester Medical Center, Department of OB/GYN Lecturer, "Clinical Anatomy Review," twice quarterly lecture, OB/GYN clerkship orientation
9. University of Rochester, Department of OB/GYN, Rochester, NY Instructor, Female breast and pelvic examination, performed on standardized patients, taught to second year students as part of Primary Care Clerkship course.

John T. Queenan, Jr., M.D.

1. REI Clerkship, Obstetrics and Gynecology 620: Reproductive Endocrinology, University of Rochester School of Medicine and Dentistry, Rochester, NY
2. Member, Panel of Experts, ICD-11 Task Force, World Health Organization. Geneva, Switzerland.
3. Mentor, ACOG Mentor Program..
4. Clerkship Director, Obstetrics and Gynecology 620: Reproductive Endocrinology, University of Rochester School of Medicine and Dentistry, Rochester, NY.
5. Faculty Advisor, Ob/Gyn Student Interest Group, University of Rochester School of Medicine and Dentistry, Rochester, NY
6. Lecturer. Reproduction Section. Disease Processes and Therapeutics 2. University of Rochester School of Medicine and Dentistry.
7. Lecturer. Basic Science Course: Fertilization and Human Embryo Implantation. From Genes to Generations. Double Helix Curriculum, University of Rochester School of Medicine and Dentistry.
8. Lecturer, ACE Clerkship Curriculum. Department of Obstetrics and Gynecology, URMC.
9. Lecturer: Molecules to Cells, University of Rochester School of Medicine and Dentistry, Rochester, NY.
10. Residency Core lecture series on Endocrinology of Pregnancy; Female Infertility Evaluation; Primary Amenorrhea; Galactorrhea; PCOS; and Mullerian Anomalies, University of Rochester Medical Center
11. Basic science lecturer/preceptor for student presentations for 3rd year clerkship; New Directions in Reproductive Medicine, University of Rochester School of Medicine and Dentistry
12. Thursday Didactics Lectures for 3rd year clerkship; Infertility: Diagnosis and Treatment; Secondary Amenorrhea, University of Rochester School of Medicine and Dentistry
13. Endocrine Core Conference Lecture Series Female Infertility; The Normal Reproductive Cycle and Amenorrhea; Menopause, University of Rochester Medical Center
14. Endocrine-Metabolism Case Conference Present unusual and varying topics for academic and clinical discussion, University of Rochester Medical Center

Joseph James Scibetta, M.D.

1. Instructor for Advanced Laparoscopic Procedures to Residents and Fellow Attending

Neil S. Seligman, M.D.

1. SMFM Fellow Lecture Series: Cervical Insufficiency and Cerclage
2. Treatment of Opioid Use Disorder: Includes Waiver Qualifying Requirements. DEBATE: Methadone or Methadone? Methadone versus Buprenorphine for medication assisted treatment in pregnancy.
1. Thesis Committee Member Student: Jillian Wood Anticipated Degree: MPH Project: Consideration of Termination of Pregnancy as a Predictor of Utilization of Prenatal Care and Pregnancy Outcomes
2. Capstone Committee Member Student: Mary Smart Anticipated Degree: MS Project: Adding to the Literature on Serial Cervical Length Screening among High Risk Women: A Decision Analysis
3. Curricular Fellow Lectures: Cervical Insufficiency and Cerclage
4. Resident Simulation: Oral Boards Review
5. Curricular Resident Lectures: OB CREOG Review
6. Dissertation Committee Member Student: Elizabeth Greener Anticipated Degree: Project:

Rakesh K. Singh, Ph.D., M.Phil.

1. Drug discovery talk (Feb-16th and Feb-23rd) to a graduate level class of University of Rochester

Rajesh K. Srivastava, Ph.D.

1. IVF review Course to third year medical students at URMC- Each Quarter
1. Teaching and demonstration to medical students and visiting residents from Obstetrics and Gynecology about procedures related to In Vitro fertilization (IVF) and micromanipulation.

Christopher J Stodgell, Ph.D.

1. Women's Health Clerkship Basic Science Section (Teratology), Lectures given quarterly.
2. Tox 522 Developmental Toxicology
3. Tox 530: Reproductive and Developmental Toxicology (Mechanisms of Gene Expression)
4. Tox 522: Organ Systems Toxicology (Developmental Gene Expression)
5. CSP 384 Research in Developmental Neuropsychology (Ethics in Reporting Data)

Sajeena G. Thomas, M.D.

1. Tumor Board, Highland Hospital

Loralei L. Thornburg, M.D.

1. Disease Process & Therapy (DPT) Course instructor (2nd year medical school curriculum) Based on feedback from the students, asked to develop the block on obstetrics within the women's health block. -Responsible for creation and presentation of the entire obstetrical lecture section (4 hours). - During this series of lectures covering pregnancy from conception through parturition students

- are exposed to the unique nature of pregnancy including physiology, complications, and medical management of pregnancy. - Development of on-line complimentary educational materials and videos for supplementation.
2. Emergency Medicine Lectures: Trauma in obstetrical patients (2011) Management of non-obstetrical medical complications in pregnancy (2011) Delivery in the ED (2012) Management of obstetrical emergencies in the ED Creation of a series of online series of videos for review and education (2013) Lecture series on obstetrical emergencies in the ED (2012, 2013) Development and running simulation with emergency and obstetrical faculty and residents for skill development in obstetrical emergencies that commonly occur in the emergency room
 3. Creation of obstetrical skills simulation program, Due to a need for competency based skills testing, we developed a simulation curriculum for Ob/Gyn. Under this system, residents receive pre-teaching and didactic discussion of skills, followed by simulation of these skills, at least twice per year. Additional ad hoc simulation is also available on the labor and delivery service. A comprehensive assessment for using simulated skills began in June 2012. Multidisciplinary simulation with emergency medicine and anesthesia for critical event simulation, and team-building on an annual basis. Maternal Fetal Medicine Fellow simulation in rare obstetrical events including CVS, amniocentesis, shunt placement, rescue cerclage, and B-lynch. Development of simulators related to these events.
 4. Intern Lecture series: Maternal Physiology of Pregnancy Normal & Abnormal Labor First Trimester Vaginal Bleeding Fetal Heart Rate Interpretation
 5. Neonatology Fellow Lectures Obstetrical management of the prematurity Fetal Therapy Hypertension in Pregnancy Hemolytic disease of the fetus and newborn Rheumatologic Disease in Pregnancy -
 6. Resident Lectures: oGenetic screening oMultiple Gestation oAnnual CREOG Review for Obstetrics oAcute obstetrical ultrasound for the ob/gyn resident oAcute evaluation of the obstetric patient oMedical complications of pregnancy oObesity in Pregnancy oRenal disease in pregnancy oPreparing for the Oral Board examination
 7. Medical Student Breast and Pelvic Teaching

Ellen J. Tourtelot, M.D.

1. Wrote Premature Ovarian Failure Protocol
2. Breast and Pelvic Exam Teaching for 2nd year medical students
3. Medical Student 3rd Year Clerkship Group Teaching
4. Attending Physician, Obstetrics and Gynecology Continuity Clinic Department of Obstetrics and Gynecology Strong Memorial Hospital, University of Rochester School of Medicine Women's Health Practice -Oversee OBGYN residents caring for patients in an ambulatory practice. - Teaching development of a differential diagnosis, patient evaluation including physical exam and testing and treatment plan. -Review journal article prior to start of clinic. Help develop quizzes on the ambulatory curriculum articles.

Wendy S. Vitek, M.D.

1. Women's Health course director – two-week second year medical student course, University of Rochester Medical Center, March 2018
2. Sex to selection course co-director – two-week third year medical student course that meets quarterly, University of Rochester Medical Center, September, December, March and June 2017-2018
3. Fellow's Day course – co-directed one-day course on fertility preservation for fellows and early career faculty from REI, urology, Peds Heme/Onc, Adult Heme/Onc and Peds Gyn,

4. Oncofertility Consortium meeting, Chicago, IL, Nov 13th 2017
5. Faculty retreat – co-directed half day course on change management, University of Rochester School of Medicine and Dentistry, July 18th 2017
6. Residency Laparoscopy and hysteroscopy simulation course instructor, University of Rochester Medical Center
7. Basic Science Lecturer and debate moderator, Sex to Selection, Third year medical student course, University of Rochester School of Medicine and Dentistry
8. Thursday Didactics Lectures for 3rd year clerkship; Infertility: Diagnosis and Treatment; Secondary Amenorrhea, University of Rochester School of Medicine and Dentistry - 2012-Present
9. Residency Core lecture series on Endocrinology of Pregnancy; Female Infertility Evaluation; Primary Amenorrhea; Galactorrhea; PCOS; and Mullerian Anomalies, University of Rochester Medical Center
10. Endocrine Core Conference Lecture Series, Fertility Preservation University of Rochester Medical Center
11. Endocrine-Metabolism Case Conference - present unusual and varying topics for academic and clinical discussion, University of Rochester Medical Center
12. Disorders of sexual development and ovulatory disorders flipped classroom, Women's Health course. University of Rochester School of Medicine and Dentistry, Rochester, NY
13. Early pregnancy disorders large group clinical reasoning session, Women's Health course. University of Rochester School of Medicine and Dentistry, Rochester, NY
14. Gaming in medical education with Ian Schrieber, BS, MFA, Obstetrics & Gynecology Research Workshop, University of Rochester Medical Center, Rochester, NY
15. The ethics of uterine transplantation with Margie Hodges Shaw, JD, PhD, Bioethics Bootcamp, University of Rochester Rush Rhees Library, Rochester, NY
16. Oncofertility fellow day team based learning exercises. Second Annual Fellow Day Conference, Oncofertility Consortium, Chicago, IL (2 hour CME).
17. Implementation for Life: The Truth About Reproduction (Yours) From Millennials, Generation X to Baby Boomers. Fall NYS Veterinary Conference, Ithaca, NY (1.5 hours CME)
18. Transgender fertility preservation, Adolescent medicine conference, University of Rochester Medical Center, Rochester, NY (1 hour CME)
19. Ob/Gyn resident CREOG REI review session, University of Rochester Medical Center, Rochester, NY

Natalie Sue Whaley, M.D., M.P.H.

1. Medical Humanities Seminar, first year medical students, URM Medical School.

Ronald Wood, Ph.D.

1. Urogynecology Fellowship mentoring: Toy Gee Lee MD; Derrick Sanderson DO

GRANT SUPPORT

This is a list of the current active grants in the Ob/Gyn department. Grants are included if the budget year begins during the report year, or if the project ends in the report year, and if the PI is a faculty member.

Principal Investigator:	Barrett, Emily S
Sponsor:	Mae Stone Goode
Title:	SELF study Prenatal Androgens and PCOS
Dates:	1/1/2012 – 12/31/2018
Direct Funds:	\$14,999
Indirects:	\$1,956
Total Funding:	\$14,999
Principal Investigator:	Barrett, Emily S
Sponsor:	Mae Stone Goode
Title:	Environmental Chemicals, Hormones and Ovary Study
Dates:	4/1/2015 – 12/31/2018
Direct Funds:	\$2,397
Indirects:	\$313
Total Funding:	\$2,397
Principal Investigator:	Barrett, Emily S
Sponsor:	Mt. Sinai School of Medicine (Icahn SOM)
Title:	Phthalate exposure and gender-related development
Dates:	5/1/2015 – 1/31/2019
Direct Funds:	\$275,504
Indirects:	\$146,979
Total Funding:	\$422,483
Principal Investigator:	Barrett, Emily S
Sponsor:	UNIV/New York
Title:	NYU Pediatric Obesity, Metabolism and Kidney Cohort Center – UR Study Center
Dates:	9/21/2016 – 8/31/2018
Direct Funds:	\$47,657
Indirects:	\$25,711
Total Funding:	\$73,368
Principal Investigator:	Barrett, Emily S
Sponsor:	UNIV/Washington
Title:	Prenatal and Early Childhood Pathways To Health: An Integrated Model of Chemical and Social Exposures, Biological Mechanisms, and Sex-Specific Effects
Dates:	9/21/2016 – 8/31/2023
Direct Funds:	\$318,785
Indirects:	\$172,130
Total Funding:	\$490,915

Principal Investigator: **Betstadt, Sarah J**
Sponsor: Mae Stone Goode
Title: SPARED: Scheduled Prophylactic Anti-Emetics for Reduction of Emesis with Doxycycline
Dates: 1/1/2015 – 12/31/2018
Direct Funds: \$23,086
Indirects: \$3,464
Total Funding: \$26,550

Principal Investigator: **Betstadt, Sarah J**
Sponsor: March of Dimes
Title: Preventing Adverse Pregnancy Outcomes: Inpatient Contraception for Medically Complex Women
Dates: 4/1/2018 – 3/31/2019
Direct Funds: \$45,455
Indirects: \$4,545
Total Funding: \$50,000

Principal Investigator: **Bhagavath, Balasubramanian**
Sponsor: Hologic, Inc.
Title: Global Endometrial Ablation Database
Dates: 5/20/2013 – 5/19/2019
Direct Funds: \$593,854
Indirects: \$175,429
Total Funding: \$769,283

Principal Investigator: **Bhagavath, Balasubramanian**
Sponsor: Accessa Health, Inc
Title: Treatment Results of Uterine Sparing Technologies (TRUST)
Dates: 4/4/2016 – 4/30/2024
Direct Funds: \$1,065,750
Indirects: \$316,005
Total Funding: \$1,381,755

Principal Investigator: **Bhagavath, Balasubramanian**
Sponsor: Myovant Sciences, Inc.
Title: An International Phase 3 Randomized, DB, PC Efficacy & Safety Study to Evaluate Relugolix Co-Administered w/ & w/o Low-Dose Estradiol & Norethindrone
Dates: 8/23/2017 – 8/22/2022
Direct Funds: \$283,099
Indirects: \$121,328
Total Funding: \$404,427

Principal Investigator: **Bhagavath, Balasubramanian**
Sponsor: Mae Stone Goode
Title: Repository of Uterine Fibroid Tissue and Blood from Patients with Uterine Fibroids
Dates: 1/1/2018 – 12/31/2018

Direct Funds: \$13,043
Indirects: \$1,957
Total Funding: \$15,000

Principal Investigator: **Bonham, Adrienne D**
Sponsor: Mae Stone Goode
Title: Novel therapies for the treatment of genital pain
Dates: 1/1/2013 – 12/31/2018
Direct Funds: \$16,695
Indirects: \$2,505
Total Funding: \$19,200

Principal Investigator: **Buchsbaum, Gunhilde**
Sponsor: Mae Stone Goode
Title: Ultrasound urethral sphincter
Dates: 2/1/2011 – 12/31/2018
Direct Funds: \$8,755
Indirects: \$1,313
Total Funding: \$10,068

Principal Investigator: **Buchsbaum, Gunhilde**
Sponsor: Mae Stone Goode
Title: MRI urethral sphincter complex
Dates: 1/1/2012 – 12/31/2018
Direct Funds: \$10,000
Indirects: \$1,500
Total Funding: \$11,500

Principal Investigator: **Burhans, Kristen E**
Sponsor: MCIC Vermont, Inc.
Title: URMIC Affiliate Outreach to Optimize Development of Interprofessional Shoulder Dystocia Simulation-Based Training for Neonatal Injury Prevention
Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$30,000
Indirects: \$0
Total Funding: \$30,000

Principal Investigator: **Doyle, Paula J**
Sponsor: FuzeHub
Title: Manufacturing, Compliance, and Market Validation of the GreenEgg Fluorescent Medical Device
Dates: 5/15/2018 – 5/15/2019
Direct Funds: \$50,000
Indirects: \$0
Total Funding: \$50,000

Principal Investigator: **Dye, Timothy D**
Sponsor: Pfizer Inc

Title: Electronic Health Record (EHR) – Enhanced Clinical Communication and Quality-of-Life Improvement in Managing Menopausal Vasomotor Symptoms (MVS)
Dates: 11/1/2014 – 10/31/2018
Direct Funds: \$390,625
Indirects: \$109,375
Total Funding: \$500,000

Principal Investigator: **Dye, Timothy D**
Sponsor: Mae Stone Goode
Title: Enhancing Clinical and Translational Research in Maternal Fetal Health Through Development of a Birth-Related Tissue Repository
Dates: 1/1/2015 – 12/31/2018
Direct Funds: \$66,633
Indirects: \$9,995
Total Funding: \$76,628

Principal Investigator: **Dye, Timothy D**
Sponsor: DHHS/PHS/CDC
Title: NRSA Training Core
Dates: 8/15/2016 – 5/31/2020
Direct Funds: \$2,370,295
Indirects: \$189,624
Total Funding: \$2,559,919

Principal Investigator: **Dye, Timothy D**
Sponsor: DHHS/PHS/CDC
Title: Rochester Prevention Research Center – SIP 14-021 Dye (Pacific Project)
Dates: 9/30/2016 – 9/29/2018
Direct Funds: \$65,561
Indirects: \$9,439
Total Funding: \$75,000

Principal Investigator: **Dye, Timothy D**
Sponsor: Health Research Inc
Title: Web Resources for Expanded HIV Testing NYS
Dates: 1/1/2014 – 12/31/2017
Direct Funds: \$187,501
Indirects: \$37,499
Total Funding: \$225,000

Principal Investigator: **Dye, Timothy D**
Sponsor: NYS/AIDS Institute
Title: Component C: Resource Center for Excellence
Dates: 7/1/2014 – 6/30/2019
Direct Funds: \$421,364
Indirects: \$289,129
Total Funding: \$463,500

Principal Investigator: **Dye, Timothy D**
Sponsor: NYS/AIDS Institute
Title: Component C: Resource Center for Excellence – ECHO
Dates: 7/1/2014 – 6/30/2019
Direct Funds: \$109,091
Indirects: \$10,909
Total Funding: \$120,000

Principal Investigator: **Dye, Timothy D**
Sponsor: NYS/AIDS Institute
Title: Component C: Resource Center for Excellence – Continuing Medical Education
Dates: 7/1/2014 – 6/30/2019
Direct Funds: \$54,824
Indirects: \$5,482
Total Funding: \$60,306

Principal Investigator: **Dye, Timothy D**
Sponsor: Health Research Inc
Title: Linkage Retention and Treatment Adherence
Dates: 4/1/2015 – 3/31/2018
Direct Funds: \$259,459
Indirects: \$25,547
Total Funding: \$285,006

Principal Investigator: **Dye, Timothy D**
Sponsor: DHHS/PHS/NIH
Title: MundoComm: ICT for Maternal Health in Costa Rica and Latin America
Dates: 5/18/2015 – 4/30/2019
Direct Funds: \$368,589
Indirects: \$17,250
Total Funding: \$385,839

Principal Investigator: **Dye, Timothy D**
Sponsor: DHHS/PHS/CDC
Title: Rochester Prevention Research Center- SIP 14-021 Dye
Dates: 9/30/2016 – 9/29/2018
Direct Funds: \$714,285
Indirects: \$285,715
Total Funding: \$1,000,000

Principal Investigator: **Dye, Timothy D**
Sponsor: NYS/AIDS Institute
Title: PrEP Detailing for Health Care Providers
Dates: 10/1/2016 – 11/30/2017
Direct Funds: \$454,545
Indirects: \$45,455
Total Funding: \$500,000

Principal Investigator: **Dye, Timothy D**
Sponsor: NYS/AIDS Institute
Title: Resource Center for Excellence: 17-18 COLA
Dates: 4/1/2017 – 3/31/2018
Direct Funds: \$38,192
Indirects: \$3,472
Total Funding: \$38,192

Principal Investigator: **Falsetta, Megan**
Sponsor: National Vulvodynia Association
Title: Discovery of New Agents to Treat Vulvar Vestibule Pain
Dates: 3/1/2018 – 2/28/2019
Direct Funds: \$28,000
Indirects: \$0
Total Funding: \$28,000

Principal Investigator: **Fields, Alecia**
Sponsor: Dept. Pilot
Title: Women's Experiences in Crisis Pregnancy Centers in Western New York:
A Qualitative Study
Dates: 6/1/2017 – 6/30/2018
Direct Funds: \$4,123
Indirects: \$0
Total Funding: \$4,123

Principal Investigator: **Foster, David C**
Sponsor: DHHS/PHS/NIH
Title: Localized vulvodynia pathogenesis: fibroblast, yeast & melanocortin
Dates: 8/1/2012 – 7/31/2018
Direct Funds: \$1,003,342
Indirects: \$536,588
Total Funding: \$1,539,390

Principal Investigator: **Glantz, John Christopher**
Sponsor: NYS/Health
Title: Regional Perinatal Center - COLA
Dates: 4/1/2014 – 3/31/2019
Direct Funds: \$94,760
Indirects: \$0
Total Funding: \$94,760

Principal Investigator: **Glantz, John Christopher**
Sponsor: NYS/Health
Title: Regional Perinatal Center
Dates: 4/1/2014 – 3/31/2019
Direct Funds: \$1,175,309
Indirects: \$0
Total Funding: \$1,175,309

Principal Investigator: **Glantz, John Christopher**
Sponsor: NYS/Health
Title: Regional Perinatal Center -17-18 Direct Care COLA
Dates: 4/1/2017 – 3/31/2018
Direct Funds: \$18,952
Indirects: \$0
Total Funding: \$18,952

Principal Investigator: **Hall, Wyatte C**
Sponsor: UNIV/Roch Inst of Tech
Title: Investigating Key Biopsychosocial Factors that Mediate Lifespan Management of Prelingual Deafness
Dates: 8/14/2017 – 7/31/2019
Direct Funds: \$50,000
Indirects: \$27,000
Total Funding: \$77,000

Principal Investigator: **Harrington, Amy R**
Sponsor: Dept. Pilot
Title: EQUATE- Evaluating Quantity of Antenatal Transplacental Cell Exchange
Dates: 7/1/2016 – 6/30/2019
Direct Funds: \$8,000
Indirects: \$0
Total Funding: \$8,000

Principal Investigator: **Harrington, Amy R**
Sponsor: Mae Stone Goode
Title: EQUATE-RHEDD: Evaluating Quantity of Antenatal Transplacental Cell Exchange- Rh Expression During Development
Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$12,988
Indirects: \$1,948
Total Funding: \$14,936

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: Mae Stone Goode
Title: Defining the Impact of Polycystic Ovary Syndrome on Sleep Quality and Melatonin Levels
Dates: 1/1/2016 – 12/31/2018
Direct Funds: \$13,044
Indirects: \$1,956
Total Funding: \$15,000

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: UNIV/Penn State
Title: Ancillary Site for Reproductive Medicine Network
Dates: 4/1/2016 – 6/30/2018
Direct Funds: \$172,132

Indirects: \$92,340
Total Funding: \$264,472

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: UNIV/Yale
Title: RMN Studies: ACTorNOT
Dates: 4/11/2016 – 11/30/2018
Direct Funds: \$5,775
Indirects: \$3,089
Total Funding: \$8,864

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: UNIV/Yale
Title: RMN Studies: FITPlese
Dates: 4/11/2016 – 11/30/2018
Direct Funds: \$137,137
Indirects: \$1,854
Total Funding: \$138,991

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: UNIV/Yale
Title: RMN Studies: RMN Repository
Dates: 4/11/2016 – 11/30/2018
Direct Funds: \$8,982
Indirects: \$4,368
Total Funding: \$13,350

Principal Investigator: **Hoeger, Kathleen M**
Sponsor: UNIV/Cornell
Title: Ovarian Ultrasonography for the Clinical Evaluation of Polycystic Ovary Syndrome
Dates: 9/12/2017 – 8/31/2018
Direct Funds: \$23,660
Indirects: \$12,688
Total Funding: \$36,348

Principal Investigator: **Hollenbach, Stefanie**
Sponsor: Mae Stone Goode
Title: Structural Properties of Placentas (SToPP): Ischemic Placental Disease
Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$12,931
Indirects: \$1,940
Total Funding: \$14,871

Principal Investigator: **Lee, Toy G**
Sponsor: Mae Stone Goode
Title: Cannabinoid Agonist as a Treatment for Cyclophosphamide Induced Cystitis in Mouse Bladder
Dates: 1/1/2017 – 12/31/2018

Direct Funds: \$12,633
Indirects: \$1,895
Total Funding: \$14,529

Principal Investigator: **Link, Heather M**
Sponsor: Mae Stone Goode
Title: Utilizing MHealth to Improve Diabetes in an Obstetric Population
Dates: 1/1/2017 – 12/31/2017
Direct Funds: \$12,599
Indirects: \$1,890
Total Funding: \$14,490

Principal Investigator: **Lozada, Yolianne**
Sponsor: Dept. Pilot
Title: Prevalence of Cesarean Scar Defect related symptoms after cesarean delivery
Dates: 6/1/2017 – 6/30/2018
Direct Funds: \$10,000
Indirects: \$0
Total Funding: \$10,000

Principal Investigator: **Lynch, Tara**
Sponsor: Mae Stone Goode
Title: Correlating Placental Villitis and HPV infection in Pregnancy with Risk for Spontaneous Preterm Delivery
Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$12,000
Indirects: \$1,800
Total Funding: \$13,800

Principal Investigator: **Marriott, Jahron**
Sponsor: Center for Community Health
Title: Partnership for Pregnancy and Birth Among Jamaican Families in Rochester
Dates: 10/1/2017 – 6/30/2018
Direct Funds: \$1,498
Indirects: \$0
Total Funding: \$1,498

Principal Investigator: **Miller, Lauren A**
Sponsor: Mae Stone Goode
Title: Analysis of Gadolinium in the Human Placenta in Women with Prior MRI with and without Gadolinium-based Contrast Prior to Conception
Dates: 1/1/2016 – 12/31/2018
Direct Funds: \$12,992
Indirects: \$1,948
Total Funding: \$14,940

Principal Investigator: **Miller, Morton W**

Sponsor: Mae Stone Goode
Title: Hyperthermic Chemical Synergistic Teratogenicity
Dates: 2/1/2014 – 12/31/2018
Direct Funds: \$13,043
Indirects: \$1957
Total Funding: \$15,000

Principal Investigator: **Miller, Richard Kermit**
Sponsor: Org. of Teratology Information Specialist
Title: The OTIS/Mother to Baby Reproductive and Environmental Health Network
Dates: 9/1/2014 – 8/31/2018
Direct Funds: \$298,000
Indirects: \$0
Total Funding: \$298,000

Principal Investigator: **Moore, Richard G**
Sponsor: Mae Stone Goode
Title: Establishing the Role of HE4 in Immune Dysfunction in Ovarian Cancer
Dates: 1/1/2016 – 12/31/2018
Direct Funds: \$13,030
Indirects: \$1,955
Total Funding: \$14,985

Principal Investigator: **Moore, Richard G**
Sponsor: Fujirebio Diagnostics, Inc
Title: Targeted Therapeutics Laboratory for Gynecologic Cancers
Dates: 3/25/2016 – 9/28/2017
Direct Funds: \$57,371
Indirects: \$20,080
Total Funding: \$77,451

Principal Investigator: **Moore, Richard G**
Sponsor: Angle, Ltd.
Title: Evaluation of Multiple Protein Biomarkers to Estimate Risk of Cancer in Gynecology Patients Presenting with a Pelvic Mass
Dates: 4/15/2016 – 4/14/2018
Direct Funds: \$140,795
Indirects: \$46,538
Total Funding: \$187,333

Principal Investigator: **Moore, Richard G**
Sponsor: UNIV/Texas/Anderson Cancer Ctr
Title: MD Anderson Cancer Center EDRN-CVC for Early Detection of Ovarian Cancer
Dates: 5/5/2016 – 3/31/2019
Direct Funds: \$53,883
Indirects: \$29,006
Total Funding: \$82,889

Principal Investigator: **Moore, Richard G**
Sponsor: Mary Kay Ash Fnd
Title: The role of HE4 in Immunity, Chemotaxis and Immune Dysfunction in Ovarian Cancer
Dates: 7/1/2016 – 6/30/2018
Direct Funds: \$86,956
Indirects: \$13,044
Total Funding: \$100,000

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG0213 Phase III carboplatin and paclitaxel (or gemcitabine) alone or in combo w/bevacizumab followed by bevacizumab and secondary cytoreductive surgery in platinum-sensitive, recurrent ovarian, peritoneal primary and fallopian tube cancer
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$3,461
Indirects: \$1,038
Total Funding: \$4,500

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG0237 Comparative Analysis of CA-IX, p16, Proliferative Markers & HPV in the Diagnosis of Significant Cervical Lesions in Patients with a Cytologic Diagnosis of Atypical Glandular Cells
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$14,384
Indirects: \$4,315
Total Funding: \$18,700

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG-0238 pelvic irradiation with or without concurrent weekly cisplatin in patients W pelvic-only recurrence of carcinoma of the uterine corpus
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$1,730
Indirects: \$519
Total Funding: \$2,250

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG-0263 Ph III adjuvant radiation vs. chemoradiation in intermediate risk, stage I/IIA cervical cancer treated with initial radical hysterectomy and pelvic lymphadenectomy
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$1,730
Indirects: \$519
Total Funding: \$2,250

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG-0274 Ph III adjuvant chemotherapy following chemoradiation as primary treatment for locally advanced cervical cancer compared to chemoradiation alone (OUTBACK)
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$1,730
Indirects: \$519
Total Funding: \$2,250

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: GOG-0281: Phase 2/3 Trametinib in recurrent or progressive low-grade serous ovarian cancer or peritoneal cancer
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$2,730
Indirects: \$819
Total Funding: \$3,550

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: NRG-GY003 Nivolumab With or Without Ipilimumab in Treating Patients With Persistent or Recurrent Epithelial Ovarian, Primary Peritoneal, or Fallopian Tube Cancer
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$1,730
Indirects: \$519
Total Funding: \$2,250

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: NRG-GY004 A Phase III olaparib or the combination of cediranib and olaparib to standard platinum-based chemotherapy in women with recurrent platinum-sensitive ovarian, fallopian tube, or primary peritoneal cancer
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$78,230
Indirects: \$23,469
Total Funding: \$101,700

Principal Investigator: **Moore, Richard G**
Sponsor: GOG Foundation
Title: NRG-GY005: Phase II/III Cediranib and Olaparib Compared to Cediranib or Olaparib Alone, or SOC Chemotherapy in Recurrent Platinum-Resistant or Refractory Ovarian, Fallopian Tube, or Primary Peritoneal Cancer (Coop Group Temp CTA)
Dates: 8/1/2016 – 1/31/2018
Direct Funds: \$39,615
Indirects: \$11,885

Total Funding: \$51,500

Principal Investigator: **Moore, Richard G**

Sponsor: GOG Foundation

Title: NRG-GY011: Surgical Window Pilot Investigation of the Relationship of Short Term Medroxyprogesterone Acetate Compared to Medroxyprogesterone Acetate + Entinostat on the Morphologic, Biochemical, and Molecular Changes in Primary Endometrioid Adenocarcinoma of the Uterine Corpus

Dates: 8/1/2016 – 1/31/2018

Direct Funds: \$9,115

Indirects: \$2,735

Total Funding: \$11,850

Principal Investigator: **Moore, Richard G**

Sponsor: GOG Foundation

Title: RTOG-0724 Ph III concurrent chemotherapy and pelvic radiation therapy with or without adjuvant chemotherapy in high-risk patients with early-stage cervical carcinoma following radical hysterectomy

Dates: 8/1/2016 – 1/31/2018

Direct Funds: \$1,730

Indirects: \$519

Total Funding: \$2,250

Principal Investigator: **Moore, Richard G**

Sponsor: AstraZeneca

Title: IGYO16111 A single arm, open-label, Phase IIb study to assess the efficacy and safety of the combination of cediranib and olaparib tablets in women w/

Dates: 10/1/2016 – 3/31/2020

Direct Funds: \$181,538

Indirects: \$54,462

Total Funding: \$236,000

Principal Investigator: **Moore, Richard G**

Sponsor: The Marsha Rivkin Center for Ovarian Cancer Research

Title: Targeting HE4 for checkpoint Immunotherapy of ovarian cancer

Dates: 4/1/2017 – 7/15/2018

Direct Funds: \$75,000

Indirects: \$0

Total Funding: \$75,000

Principal Investigator: **Moore, Richard G**

Sponsor: Tesaro, Inc.

Title: A Phase 3, Randomized, Double-Blind, Placebo-Controlled, MC Study of Niraparib Maintenance Treatment in Patients W/ Advanced Ovarian Cancer Following

Dates: 5/18/2017 – 7/1/2022

Direct Funds: \$654,938

Indirects: \$196,482

Total Funding: \$851,420

Principal Investigator: **Moore, Richard G**
Sponsor: Mitra Biotech
Title: CANscript Clinical Outcomes in a Real World Setting (ANCERS-2): A Prospective, MC, Observational Study Examining the Clinical Utility of CANscript in

Dates: 8/1/2017 – 2/28/2022
Direct Funds: \$141,927
Indirects: \$42,578
Total Funding: \$184,505

Principal Investigator: **Moore, Richard G**
Sponsor: Angle, Ltd.
Title: Harvest of Circulating Tumor Cells From Patients With Metastatic Breast Cancer Using the Parsortix PC1 System – Homing Study

Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$92,188
Indirects: \$49,782
Total Funding: \$141,970

Principal Investigator: **Moore, Richard G**
Sponsor: Tesaro, Inc.
Title: TESARO A Phase 2 Single Arm OL Study to Evaluate The S & E of Niraparib Combined With Bevacizumab as Maintenance Treatment in Patients with Advanced O

Dates: 3/20/2018 – 4/30/2023
Direct Funds: \$173,392
Indirects: \$52,018
Total Funding: \$225,410

Principal Investigator: **Murphy, Shawn P**
Sponsor: DHHS/PHS/NIH
Title: Mechanisms of placental infection by food-borne pathogens

Dates: 7/15/2012 – 6/30/2018
Direct Funds: \$1,668,374
Indirects: \$430,169
Total Funding: \$2,098,543

Principal Investigator: **Murphy, Shawn P**
Sponsor: Mae Stone Goode
Title: Generation of recombinant Zika virus expressing green fluorescence protein for studies of infection in the human placenta

Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$10,435
Indirects: \$1,565
Total Funding: \$12,000

Principal Investigator: **Olson-Chen, Courtney**

Sponsor: Mae Stone Goode
Title: Lymphocytic Choriomeningitis Virus Infection of the Human Placenta across Gestation
Dates: 1/1/2016 – 12/31/2018
Direct Funds: \$13,000
Indirects: \$1,950
Total Funding: \$14,950

Principal Investigator: **Perez-Ramos, Jose**
Sponsor: Dept. Pilot
Title: A pilot mHealth intervention to prevent ZIKV among women in a remote Puerto Rican community
Dates: 7/1/2017 – 6/30/2019
Direct Funds: \$9,987
Indirects: \$0
Total Funding: \$9,987

Principal Investigator: **Pressman, Eva K**
Sponsor: UNIV/Rutgers
Title: Prenatal anxiety, androgens and sex-dependent development
Dates: 3/1/2017 – 5/31/2020
Direct Funds: \$878,073
Indirects: \$473,468
Total Funding: \$1,351,541

Principal Investigator: **Pressman, Eva K**
Sponsor: UNYTE
Title: Transplacental Transfer of Vitamin D3 and 25(OH)D3 in Human Pregnancy
Dates: 1/1/2018 – 10/31/2018
Direct Funds: \$10,000
Indirects: \$0
Total Funding: \$10,000

Principal Investigator: **Seligman, Neil S**
Sponsor: PreTel Inc.
Title: Clinical Efficacy of an EMG/ECG Fetal Monitor
Dates: 4/20/2016 – 4/20/2018
Direct Funds: \$6,153
Indirects: \$1,846
Total Funding: \$8,000

Principal Investigator: **Seligman, Neil S**
Sponsor: PreTel Inc.
Title: Electromyographic Evaluation of Myometrial Electrical Activity in Women with a Short Cervix: A Pilot Study
Dates: 6/1/2017 – 12/31/2018
Direct Funds: \$1,500
Indirects: \$0

Total Funding: \$1,500

Principal Investigator: **Singh, Rakesh K**
Sponsor: Mae Stone Goode
Title: Identification of a novel septin-2 inhibitor for the treatment of epithelial ovarian cancer (EOC) via high throughput screening (HTS)
Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$13,044
Indirects: \$1,956
Total Funding: \$15,000

Principal Investigator: **Smith, Shannon M**
Sponsor: Mae Stone Goode
Title: Understanding the relationships between dyadic coping and relationship satisfaction, stress, and pain in chronic pelvic and vulvar pain patients and their partners
Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$13,028
Indirects: \$1,954
Total Funding: \$14,982

Principal Investigator: **Srivastava, Rajesh K**
Sponsor: Mae Stone Goode
Title: Effects of Bisphenol A and Phthalates on Human Ovarian Granulosa Cell Steroidogenesis
Dates: 3/1/2014 – 12/31/2018
Direct Funds: \$18,000
Indirects: \$2,700
Total Funding: \$20,700

Principal Investigator: **Stodgell, Christopher J**
Sponsor: Mae Stone Goode
Title: Gene-Environment Interactions in Teratogen-Induced Autism
Dates: 1/1/2010 – 12/31/2018
Direct Funds: \$24,529
Indirects: \$3,679
Total Funding: \$28,208

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: Mae Stone Goode
Title: Postpartum Testing for Diabetes Mellitus in Women
Dates: 1/1/2010 – 12/31/2018
Direct Funds: \$10,435
Indirects: \$1,565
Total Funding: \$12,000

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: UNIV/SUNY-Buffalo

Title: Comparing gabapentin, ondansetron and placebo in treating hyperemesis gravidarum
Dates: 1/5/2014 – 12/31/2018
Direct Funds: \$180,986
Indirects: \$95,806
Total Funding: \$276,792

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: Mae Stone Goode
Title: Tdap and Flu
Dates: 2/1/2015 – 12/31/2018
Direct Funds: \$12,285
Indirects: \$1,843
Total Funding: \$14,128

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: Mae Stone Goode
Title: Brain Development in Infants of Diabetic Mothers as Measured by Neonatal EEG
Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$12,514
Indirects: \$1,877
Total Funding: \$14,391

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: MCIC Vermont, Inc.
Title: Neonatal Neurological Injury Review
Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$30,000
Indirects: \$0
Total Funding: \$30,000

Principal Investigator: **Thornburg, Lorelei Lacina**
Sponsor: MCIC Vermont, Inc.
Title: Improving Documentation for Critical Ob Events
Dates: 1/1/2017 – 12/31/2018
Direct Funds: \$30,000
Indirects: \$0
Total Funding: \$30,000

Principal Investigator: **Toscano, Marika**
Sponsor: Dept. Pilot
Title: Handheld point-of-care ultrasound for gynecologic imaging in a low-resource setting: Antigua, Guatamala
Dates: 6/1/2017 – 12/31/2018
Direct Funds: \$3,249
Indirects: \$0
Total Funding: \$3,249

Principal Investigator: **Tourtlot, Ellen J**
Sponsor: Mae Stone Goode
Title: Analysis of Long Term Immunity After Vaccine As Compared to Long Term Immunity after Natural Varicella Infection
Dates: 1/1/2015 – 12/31/2016
Direct Funds: \$13,039
Indirects: \$1,955
Total Funding: \$14,995

Principal Investigator: **Tourtlot, Ellen J**
Sponsor: Dept. Pilot
Title: Addressing elevated depression screens among underserved women in an obstetrics practice: A descriptive study
Dates: 7/1/2017 – 6/30/2019
Direct Funds: \$9,940
Indirects: \$0
Total Funding: \$9,940

Principal Investigator: **Towner, Mary**
Sponsor: Dept. Pilot
Title: Assessment of a Gynecologic Surgery Simulation Model
Dates: 7/1/2016 – 9/30/2017
Direct Funds: \$3,500
Indirects: \$0
Total Funding: \$3,500

Principal Investigator: **Vitek, Wendy S**
Sponsor: Mae Stone Goode
Title: Does Tissue Thickness Impact the Recovery of Viable Follicles from Vitri-fied Ovarian Tissue?
Dates: 3/1/2014 – 12/31/2016
Direct Funds: \$3,490
Indirects: \$74
Total Funding: \$3,565

Principal Investigator: **Westen, Elizabeth A**
Sponsor: Mae Stone Goode
Title: Early Gestational Weight Gain, Weight Retention and Body Composition 6 Months Postpartum
Dates: 1/1/2018 – 12/31/2018
Direct Funds: \$12,957
Indirects: \$1,943
Total Funding: \$14,900

Principal Investigator: **Whaley, Natalie**
Sponsor: Anonymous
Title: Fellowship in Family Planning
Dates: 7/1/2016 – 6/30/2018
Direct Funds: \$103,300

Indirects: #0
Total Funding: \$103,300

Principal Investigator: **Whaley, Natalie**
Sponsor: Dept. Pilot
Title: Exploring Women's Reproductive and Gynecologic Health Needs and Health Priorities and Determining Community Resources and Capacity in a Remote, Mountainous Area of Haiti: A Rapid Assessment Procedure
Dates: 6/1/2017 – 6/30/2019
Direct Funds: \$10,000
Indirects: \$0
Total Funding: \$10,000

HONORS AND AWARDS

Cynthia L. Angel, M.D.

1. Physician of Distinction Award - Highland Hospital, Rochester NY
2. Exceptional Women In Medicine - Castle Connolly
3. Howard J. Berman Prize - Howard Berman Prize Committee, Rochester, NY
4. America's Top Oncologist
5. America's Top Doctors in Gynecologic Oncology - U.S. News in partnership with Castle Connolly Medical Ltd.
6. America's Top Oncologists - Consumer's Research Council of America
7. America's Top Oncologist - SLD Industries, Inc.

Amy R. Benjamin, M.D.

1. Designee, Center of Excellence in Minimally Invasive Gynecology - AAGL
2. Strong Star Certificates of Appreciation - University of Rochester Medical Center

Adrienne D. Bonham, M.D., M.S.

1. Beta Gamma Sigma - International business school honor society
2. Alpha Omega Alpha Medical Honor Society

Kristen E. Burhans, M.D.

1. CREOG National Faculty Award for Excellence in Resident Education

Brent DuBeshter, M.D.

1. US News Top Doctor Recognition
2. Americas Top Oncologists - Consumer Research Council of America

Timothy De Ver Dye, Ph.D.

1. Fellow (2004) and Chartered Geographer (2006) - Royal Geographic Society, London, UK (National Award)
2. Fulbright Specialist Award – 2016 to United Nations University's Institute for Computing and Society, Macau; U.S. Department of State, Bureau of Educational and Cultural Affairs
3. Fellow (elected), American College of Epidemiology
4. Fellow, Society for Applied Anthropology
5. 2018 Recipient, University of Rochester School of Medicine and Dentistry Faculty Diversity Award

J. Christopher Glantz, M.D., M.P.H.

1. Dr. L. Stanley James Award - New York State Perinatal Association, Albany, NY

Monique Ho, M.D.

1. Strong Stars

Stefanie Hollenbach, M.D.

1. NIH Extramural Clinical Research Loan Repayment Program Grant

Heather R. Lane, M.S.N.

1. 2017 ACNM Outstanding Preceptor Award

Mitchell A. Linder, M.D.

1. Marinoff Career development award

Richard K. Miller, Ph.D.

1. Fellow, Academy of Toxicological Sciences - Academy of Toxicological Sciences
2. Scientific Review Board, NIH TERIS

Jaclyn Erin Morrison, M.D.

1. Alpha Omega Alpha Honor Society

Jacqueline Terese Nasso, M.S.

1. Robert Wood Johnson Foundation Nursing Leader Showcase, University of Rochester School of Nursing. Invited participant by student scholarship recipients from the School of Nursing | 2012; 2015; 2017

Katrina F. Nicandri, M.D.

1. Marquis Who's Who in America
2. NY Top Doctor - USA TopDocs
3. Alpha Omega Alpha inducted

Rogelio E. Perez D'Gregorio, M.D., M.S.

1. Member of the Organization of Teratology Information Specialist (OTIS) March 2018
2. Associate Member American College Obstetricians and Gynecologists (ACOG ID: 0004265691)
- 3.

Colby A. H. Previte, M.D.

1. Commendation for Excellence in Third Year Teaching - School of Medicine and Dentistry, Class of 2019, University of Rochester
2. ACOG Mentor Award - American College of Obstetricians and Gynecologists, Washington, D.C. (National Award)
3. Commendation for Excellence in Third Year Teaching - School of Medicine and Dentistry, Class of 2018, University of Rochester

Neil S. Seligman, M.D.

1. Strong Stars (five)
2. Strong Star
3. Strong Star
4. Strong Star
5. Quality and Safety Certificate of Recognition - Quality Care Committee
6. Certificate of Excellence for Puerto Rico disaster relief work - Healthcare Association of New York State

Rakesh K. Singh, Ph.D., M.Phil.

1. Atomwise Inc's Artificial Intelligence Molecular Screen (AIMS) award to develop small molecule inhibitors of PD-L1/PD-1 interaction

Sajeena G. Thomas, M.D.

1. Patient's Choice and Compassionate Doctor Award - Vitals.com

Wendy S. Vitek, M.D.

1. URMC/Susan B. Anthony Center Women's Faculty Development Program, Developing From Within: Exploring and Enhancing Choices for Mid-Career Women
2. Second Year Medical Student Teaching Commendation, University of Rochester School of Medicine and Dentistry, Rochester, NY

Natalie Sue Whaley, M.D., M.P.H.

1. National Faculty Award for Resident Education - Council on Residency Education in Obstetrics and Gynecology, University of Rochester

James Robert Woods, Jr., M.D.

1. Community Champion - The Perinatal Network of Monroe County, Inc., Rochester, NY
2. Guide to America's Top Obstetricians and Gynecologists - SLD Industries
3. Who's Who in Medicine and Healthcare
4. Who's Who Among America's Teachers

PRESENTATIONS AT NATIONAL AND REGIONAL MEETINGS

Cynthia L. Angel, M.D.

1. RIT Lecture, "Ovarian Cancer & Hereditary Syndromes" - 9/28/2017-9/28/2017

Cabiria Monica Barbosu, M.D., Ph.D., M.B.A.

1. Variation in HIV/AIDS, HCV, and STD Training Needs and Preferences by Provider Type: Findings from a NYS Needs Assessment. Tamala David, Kathleen Holt, Scott McIntosh, Monica Barbosu, Jose Perez-Ramos, Timothy Dye. New York State Public Health Association 2018 Annual Meeting, Glens Falls, NY - 4/18/2018-4/21/2018.
2. Evaluating LGBT-health clinician trainings on HIV/STD prevention conducted throughout New York State Brooke A. Levandowski, Monica Barbosu, Beatrice Aladin, Ivelisse Rivera, Kyan Lynch,, Marguerite Urban, Terri Wilder, Cheryl Smith, Tim Dye 2018 Diversity Conference: Overcoming the Invisible, URMC, Rochester, NY. 4/13/2018
3. Creating a Clinical Learning Portal to Address Romanian Clinicians HIV/AIDS Clinical Training Needs. C.M. Barbosu, A. Radulescu, C. Manciu, E. Muir, B. Levandowski, TDV Dye. 9th Annual CUGH Global Health Conference, New York, NY - 3/16/2018- 3/18/2018
4. Tobacco Cessation Training and Policy in Primary Care: a New York State Needs Assessment. McIntosh S, Holt S, Pastena R, Barbosu M, David T, Pérez Ramos JG, Ossip DJ, Dye TDV. SRNT Annual Meeting, Baltimore, Maryland February 21-24, 2018
5. An Innovative Online HIV/AIDS Training Platform for Health Care Providers. Monica Barbosu, Thomas Fogg, Jack Chang, Gail Figgins, Brooke Levandowski, Ivelisse Rivera, Jose Perez-Ramos, Beatrice Aladin, Cheryl Smith, Timothy Dye. CFAR UR, Rochester, NY, December 1, 2017
6. Personalized Pre-exposure Prophylaxis (PrEP) Education based on Self-Assessment by Primary Care Providers in Upstate New York. Ivelisse Rivera, Monica Barbosu, Jahron Marriott, Thomas Fogg, Tim Dye. APHA 2017, Atlanta, GA, November 4-8, 2017
7. Rapid Learning Engagement in Action: Conceptualization and Production of Culturally-Transferable Brief Animations to Recruit Health Providers in Institutional Opioid Policy Development. TD Dye, I. Rivera, M Barbosu, J Marriott, M Demment, E Sullivan, LM Dye, T Fogg, J Perez-Ramos. APHA 2017, Atlanta, GA, November 4-8, 2017
8. Tobacco Policy in Primary Care: A Needs Assessment in New York State. McIntosh S, Holt K, Miller S, Barbosu M, David T, Perez-Ramos J, Dye T. APHA 2017, Atlanta, GA, November 4-8, 2017
9. Telementoring to Improve Clinical Care for Sexually Transmitted Diseases (STDs): Lessons from an STD ECHO Clinic in New York State (NYS). Thomas Fogg, Ivelisse Rivera, Monica Barbosu, Marguerite Urban, Jahron Marriott, Tara Babu, Beatrice Aladin, Cheryl Smith, Timothy Dye. APHA 2017, Atlanta, GA, November 4-8, 2017
10. Variation in HIV/AIDS, HCV, and STD training needs and experiences by health provider type; findings from a NYS needs assessment. Tamala David, Scott McIntosh, Kathleen Holt, Monica Barbosu, Margaret Demment, José G Pérez-Ramos, Timothy Dye. APHA 2017, Atlanta, GA, November 4-8, 2017
11. Interest in Training on Prescribing Medical Marijuana among HIV/AIDS Service Providers in New York State (NYS). Dye TDV, Demment MM, Aladin B, David T, Muir E, Holt K, Wilder T, McIntosh S, Barbosu M, Urbina A, Pérez-Ramos, Fogg T, Rivera XX, Doll T, Smith CA. APHA 2017, Atlanta, GA, November 4-8, 2017

12. Using human-centered design to overcome challenges in evaluating a large statewide clinical education initiative Demment M, Aladin B, Chang J, Holt K, Barbosu M, Smith C, Fogg T, Dye T, Evaluation 2017, Washington, DC - 11/6/2017-11/11/2017
13. An Innovative Telementoring Educational Initiative to Combat the Epidemic of Sexually Transmitted Infections (STIs). Thomas Fogg, Ivelisse Rivera, Monica Barbosu, Marguerite Urban, Tara Babu, Jahron Marriott, Beatrice Aladin, Cheryl Smith, Timothy Dye. MetaECHO 2017 Conference, Albuquerque, NM, September 13-16, 2017
14. Using Digital Tools to Effectively Improve Response Rates in Clinical Education Beatrice Aladin, Jose Perez-Ramos, Cheryl Smith, Marguerite Urban, Monica Barbosu, Terry Doll, Jack Chang, Margaret Demment, Gail Figgins, Thomas Fogg, and Timothy Dye. National Conference on Health Communication, Marketing, and Media, Atlanta, GA, August 15-17, 2017

Sarah J. Betstadt, M.D., M.P.H.

1. Invited Speaker. Abortion & Politics. Rochester General Hospital Grand Rounds, Rochester, NY 2/2018
2. Guest Lecturer, Rochester Institute of Technology, Family Planning curriculum for third year physician assistant students
3. American College of Obstetricians and Gynecologists, Junior Fellow-Submitted case report for "Stump the Professor" presentation at District I Meeting

Balasubramanian Bhagavath, M.B.B.S.

1. Roundtable Discussion Moderator "When to operate on fibroids for fertility", ASRM 2017 Annual Meeting, San Antonio, TX, October 2017 - 10/2017
2. Roundtable Discussion Moderator "When to operate on fibroids for fertility", ASRM 2017 Annual Meeting, San Antonio, TX, October 2017
3. Bala Bhagavath, MD, Yolianne Lozada-Caprilles, MD, Divya Kumar, MPH, Miranda Harris-Glocker, MD, Diane Cunningham, MD, Rita Clement, MD, Nancy McKnight, MD. Novasure Global Endometrial Ablation Database Results. Poster Presentation AAGL 46th Annual Meeting, National Harbor, MD, November 2017
4. Bala Bhagavath, MD, Virginia Towle, RN, Sue Conner, RN, Divya Kumar, MPH, Katrina Nicandri, MD, Amy Benjamin, MD. Backfill of Urinary Bladder in the Operating Room Significantly Decreases Postoperative Urinary Retention: A Randomized Controlled Trial. Poster Presentation AAGL 46th Annual Meeting, National Harbor, MD, November 2017
5. Grand Rounds presentation: "Effective Presentation Skills" MedStarWashington Hospital Center and Georgetown Hospital Center/Georgetown University School of Medicine, Washington, DC, December 21, 2017
6. Grand Rounds presentation: "Fibroid Management in the 21st Century", The George Washington University School of Medicine and Health Sciences, Washington, DC, February 14, 2018

Kristen E. Burhans, M.D.

1. Guest presenter at URM Medical Humanities Seminar regarding care of incarcerated women - 4/27/2018

Erin E. Duecy, M.D.

1. Erin E. Duecy MD, Diane M. Hartmann MD. Supervision Challenges: Local Intelligence focuses the battle plan. Poster. ACGME Annual Educational Conference. March 2018. Orlando, FL. - 3/2018
2. Erin E. Duecy MD, Diane M. Hartmann MD. Wellness Assessment and Support for Residents in the Academic Disciplinary Process: Update on Outcomes. Poster. ACGME Symposium on Physician Wellbeing October. 2017. Chicago. IL. - 10/2017
3. Geriatric Incontinence. Annual lecture for URM Geriatric Fellows.

Timothy De Ver Dye, Ph.D.

1. Pérez-Ramos JG, Del Rio Pineda DM, Torres Zayas H, Cardona NR, Vélez Vega C, Murphy C, Dye TDV. Campus Research Partnership, Community Commitment, and the People-to- People for Puerto Rico (#p2p4PUR) Movement: Researchers and Citizens in Solidarity. Association for Clinical and Translational Science Translational Science Conference 2018, Washington DC.
2. Vega Ocasio D, Morrell C, Stewart Ibarra A, Maggirwar SB, Dye TD. Assessing the intersection of social-biological process in Dengue virus infection in Marginalized, Affected Communities of Ecuador. Association for Clinical and Translational Science Translational Science Conference 2018, Washington DC.
3. DeAndrea-Lazarus IA, Barbosu M, Aladin B, Smith C, Chang J. Dye TD. Augmented reality with Microsoft HoloLens as a training platform for healthcare professionals. Association for Clinical and Translational Science Translational Science Conference 2018, Washington DC.
4. Farovitch L, Miller B, Van Wijngaarden E, Paddon C, Leydet B, Dye TD. Surveillance of Global Tick-borne Diseases (TBD) in Ecological Context: Geographic Distribution, Novel Biodiagnostic Testing, and Preventive Strategies for the Deaf Population. Association for Clinical and Translational Science Translational Science Conference 2018, Washington DC.
5. Li D, Fogg T, Dye TD. Promoting Discussion and Collaborations between Quantitative Researchers and Clinical Researchers. Association for Clinical and Translational Science Translational Science Conference 2018, Washington DC.
6. Dye TDV, Hall WC, Pérez-Ramos JG, Elliott M, Lynch K. Conscientização: A pedagogical concept for recruitment and tailoring higher education programs for underrepresented populations globally. 78th Annual Meeting of the Society for Applied Anthropology, Philadelphia, 2018.
7. Dye TDV, Sy A, Albert P, Cash H, Hadley J, Tomeing T, Muir E, Robles B, McIntosh S, Ikerdeu E, Buenconsejo-Lum L. Critical Medical Ecological Perspectives on Diabetes in The Pacific Islands: Colonialism, Power, and Balance in Human-Environment Interaction Over Time. 9th Annual CUGH Global Health Conference 2018, March 16-18, New York City, NY, USA.
8. Pérez-Ramos JG, Vélez-Vega C, Torres-Zayas H, McIntosh S, Barrett ES, Dye TDV. "Culebra es una isla olvidada:"Environmental Risk Perceptions and Challenges on a Small Outer Island of Puerto Rico. 9th Annual CUGH Global Health Conference. 2018, March 16- 18, New York City, NY, USA.
9. Demment M, Aladin B, Chang J, Holt K, Barbosu M, Smith C, Fogg T, Dye T. Using human-centered design to overcome challenges in evaluating a large statewide clinical education initiative. American Evaluation Association Annual Meeting, November 2017, Washington, DC.
10. Rivera I, Vega-Ocasio D, Riel J, Guerrero-Bravo JE, Astern JM, Murphy CM, Velez-Vega CM, Lee MJ, Quarells R, Dye TD. CTSA-RCMI Interdisciplinary Exchange and Genetic Research. Research Centers in Minority Institutions (RCMI) Translational Research Network Biennial Meeting 2017, Washington, DC.

11. McIntosh S, Holt K, Miller S, Barbosu M, David T, Pérez-Ramos JG, Ossip D, Dye TD. Tobacco Policy in Primary Care: A Needs Assessment in New York State. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
12. Pérez-Ramos JG, Vega Ocasio D, Rivera I, Murphy C, Velez-Vega C, PhD, Dye TD. Lessons Learned from a Public Health Emergency: Challenges to Community Engagement in Puerto Rico during the Zika Crisis. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
13. Pérez-Ramos JG, Dye TD, David T, Avendaño E, Flores Golfín D, Ossip D, McIntosh S. Creating an Information and Communications Technology (ICT)-based immersive improvised learning experience for maternal health emergencies in a resource-challenged environment. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
14. Hall W, Li D, Dye TD. Behavioral diagnoses in deaf children: Accurate ascertainment or obfuscation from language deprivation? American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
15. Marriott J, Li D, Thomas J, Dozier A, Wojtowycz M, Shelton J, Gifford J, Dye TD. Pregnancy and Birth Outcomes among Jamaican Immigrants in Upstate New York. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
16. Thomas J, Dozier A, Dye T, Li D. Health outcomes of infants born to immigrant women by maternal country of origin. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
17. Hall W, Li D, Dye TD. When inclusion excludes: Using NHIS insights for a preliminary rethinking of deaf children's experiences in the home. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
18. Dye TD, Demment M, Aladin B, Wilder T, Muir E, David T, Holt K, McIntosh S, Barbosu M, Urbina A, Pérez-Ramos JG, Fogg T, Rivera I, Doll T, Smith C. Interest in training on prescribing medical marijuana among HIV/AIDS service providers in New York State (NYS). American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
19. Pérez-Ramos JG, Rivera I, Murphy C, Velez-Vega C, Dye TD. Conspiracy theories in a public health crisis: Experiences among health professionals and community members toward Zika in Puerto Rico American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
20. Sy A, Tomeing T, Yuan J, McIntosh S, Demment M, Tannis C, Buenconsejo-Lum L, Dye TD. Using Facebook to Communicate Diabetes Prevention Messages in Majuro, Republic of Marshall Islands: Waan Lomor. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
21. Murphy C, Velez-Vega C, Pérez-Ramos JG, Dye T, Cordero J, McIntosh S. Helping others through research, "I want to know my participation makes a difference:" Voices of Research Participants in Puerto Rico Regarding Genomic Testing. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
22. Rivera I, Demment M, Deutsch L, Dye TD. I will only trust a scientist who seems honest: Confessions of Latina women on placental donation to a biomedical research repository in western New York, a qualitative glimpse. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
23. Dye TD, Rivera I, Barbosu M, Marriott J, Demment M, Sullivan E, Dye LM, Fogg T. Rapid Learning Engagement in Action: Conceptualization and Production of Culturally-Transferable Brief Animations to Recruit Health Providers in Institutional Opioid Policy Development. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
24. Fogg T, Rivera I, Barbosu M, Urban M, Marriott J, Babu T, Aladin B, Smith C, Dye TD. Telementoring to Improve Clinical Care for Sexually Transmitted Diseases (STDs): Lessons from an STD ECHO Clinic in New York State (NYS). American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.

25. Rivera I, Barbosu M, Marriott J, Fogg T, Liberman J, Dye TD. Personalized Pre-Exposure Prophylaxis (PrEP) Education based on Self-Assessment by Primary Care Providers in Upstate New York. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
26. Marriott J, Duckles J, Dye TD. Re-evaluating the Social Phenomena of Violence Among African-American Adolescents: A Narrative Review and New Analytic Filter. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
27. David T, McIntosh S, Holt K, Barbosu M, Demment M, Pérez-Ramos J, Dye TD. Variation in HIV/AIDS, HCV, and STD training needs and experiences by health provider type; findings from a NYS needs assessment. American Public Health Association Annual Meeting and Expo, Atlanta, Georgia, November 2017.
28. Vélez Vega CM, Murphy C, Figueroa A, Pérez-Ramos JG, Dye TDV. Eso viene de por ahí: Community perception of Zika and mosquito-borne virus in Puerto Rico. Healthy People, Healthy Ecosystems: Implementation, Leadership & Sustainability in Global Health, The 8th Annual Consortium on Universities of Global Health (CUGH) Global Health Conference, Washington DC 2017.
29. Dye TDV, Li D, Demment M, Groth S, Fernandez ID, Pérez-Ramos J, Dozier A. "I think we can be controlled:" A mixed-method comparative study of multidimensional health locus of control and (un)healthy days in India and the United States. Healthy People, Healthy Ecosystems: Implementation, Leadership & Sustainability in Global Health, The 8th Annual Consortium on Universities of Global Health (CUGH) Global Health Conference, Washington DC 2017.
30. Marriott J, Sy A, Tomeing T, McIntosh S, Demment M, Dye TD. "It's kind of a shameful thing:" Stigmatization and Diabetes in Majuro, Republic of the Marshall Islands (RMI). Healthy People, Healthy Ecosystems: Implementation, Leadership & Sustainability in Global Health, The 8th Annual Consortium on Universities of Global Health (CUGH) Global Health Conference, Washington DC 2017.
31. McIntosh S, Avendaño E, Ossip DJ, Perez-Ramos J, David T, Dye TD. Lessons Learned from Central America: Technology Training for Maternal Health Project Development in LMICs. Healthy People, Healthy Ecosystems: Implementation, Leadership & Sustainability in Global Health, The 8th Annual Consortium on Universities of Global Health (CUGH) Global Health Conference, Washington DC 2017.

Lisa M. Gray, M.D.

1. Maternal, Fetal, and Placental Physiology. MFM Fellow Lecture Series. University of Rochester Medical Center. Rochester, NY. - 8/10/2017-8/31/2017
2. Multifetal Gestations and Fetal Anomalies. NICU Fellow's Conference. University of Rochester Medical Center. Rochester, NY. - 11/16/2017
3. Cardiac Care in the Obstetric Patient. Cardiology Fellow's Lecture. University of Rochester Medical Center. Rochester, NY. - 10/23/2017
4. Analgesia and Anesthesia / Basic Science / Biochemistry. MFM Fellow Lecture Series. University of Rochester Medical Center. Rochester, NY. - 8/10/2017

Amy Robinson Harrington, M.D.

1. Poster presentation. Inattention to Maternal Physiology may Lead to Missed RhIG Administration Due to Underestimation of Fetomaternal Hemorrhage Volume. Society for Reproductive Investigation. March 2018. San Diego, California. - 2018-2018

2. ePoster presentation. Automated Residency Scheduling: Impacts on Resident Satisfaction. Stephanie J. Hollenbach MD, MS, Amy Harrington MD, Erin E. Duecy MD, MS. April 27-30, 2018. ACOG Annual Clinical and Scientific Meeting. Austin, Texas. - 2018-2018
3. Poster presentation. Outreach Program to Improve Postpartum Contraceptive Services. Cynthia Rand, Sarah Gallivan, Erica Shaw, Nicolas Goldstein, Amy Harrington MD. Pediatric Academic Societies (PAS). May 5-8, 2018. Toronto, Canada. - 2018-2018
4. Poster presentation. Creating and Implementing an Effective Self-Study Team. Amy Harrington MD, Lorelei Thornburg MD, Courtney Olson-Chen MD, Lisa Gray MD, & Erin Duecy MD. UR Medicine Annual Health Professions' Faculty Development Colloquium. June 13, 2018. Rochester, NY. - 2018-2018
5. Poster presentation, Long Acting Reversible Contraception: Knowledge, Perceptions and Practices Among Current US Obstetrics and Gynecology Residents. Josette C. Dawkins MD, Gregory K. Lewis MD, Earlando O. Thomas MD, Amy R. Harrington MD. ASRM 2017 Scientific Congress, San Antonio, Texas. - 2017-2017
6. Poster presentation. Previaible "provoked" fetomaternal hemorrhage may represent insensible cell exchange. Results of the EQUATE Study: Evaluating Quantities of Antenatal Transplacental Cell Exchange. Stefanie J. Hollenbach MD, MS, Matthew Cochran MS, Amy Harrington MD. 2018 Society of Maternal Fetal Medicine, Dallas, Texas. - 2017-2017
7. Invited Speaker. Reproductive Rights Panel. Cornell's Lawyering for Reproductive Justice. Cornell, NY. - 2017-2017
8. HSV Infections & Pregnancy, NY State Clinical Education Initiative, ECHO, Rochester, NY - 2018
9. ECHO Lunch & Learn, STI's in Pregnancy, Rochester, NY - 2018
10. Menopause & Abnormal Uterine Bleeding Educational sessions for Planned Parenthood practitioners, Rochester, NY - 2017
11. The EQUATE study: a review and updates. Department of Ob/Gyn Grand Rounds, Rochester, NY 2017
12. The Equate study. Department of Ob/Gyn Research Workshop, URM, Rochester, NY - 2017
13. Oral Pesentation at ACOG ACM 2016 pending-Geographic Disparities in Access to Abortion Services in Western New York. Reisinger, T, Harrington AR, Walker, ER. American College of Obstetricians and Gynecologists, Annual Clinical Meeting, Washington, DC, May 2016. Abstract submitted to the 2016 North American Forum on Family Planning. - 1/2015-Present

Diane M. Hartmann, M.D.

1. ACGME CLER, "ACGME CLER Evaluation Committee Presentation," Chicago, IL - 4/26/2018
2. ACGME AEC Conference, "Integrating GME and the Clinical Learning Environment," Orlando, FL - 3/1/2018
3. ACGME AEC Conference, "SI2025," Orlando, FL - 3/1/2018

Kathleen M. Hoeger, M.D., M.P.H.

1. Main Program Speaker, ESHRE 33rd Annual Meeting, "Adolescent PCOS Diagnosis and Future Fate" Geneva, Switzerland- July 2017
2. ASRM Post graduate Course Chair, 2017 ASRM Annual Meeting. "Practical Management of PCOS from Fertility to Long term Health" San Antonio TX October 2017
3. ASRM Invited Debate "Should we use Oral Contraceptives in Obese Women"
4. 2017 ASRM Annual Meeting San Antonio, TX October 2017
5. ASRM Invited Interactive Seminar " Emotional Needs of Women with PCOS and Impact on Weight Management" 2017 ASRM Annual Meeting San Antonio TX October 2017

6. Phthalate exposure, reproductive hormones, and lifestyle behaviors in women seeking fertility care. A Pilato; C Chen; S Thurston; W Vitek; **K Hoeger**; E Barrett. Poster Presentation at the 73rd Annual ASRM Annual Meeting, San Antonio, TX October 2017
7. Ovarian morphology differs between PCOS and normoandrogenic anovulation despite both meeting the updated criteria for polycystic ovaries. Vanden Brink H, Jarrett BY, Kochman L, Joseph-Sohan MI, Guillaume-Abraham JE, Stubbs RE, Pereira N, **Hoeger KM**, Spandorfer SD, Lujan ME Oral Presentation at the 15th Annual Meeting of the Androgen Excess and PCOS Society, San Antonio, TX, October 26-28, 2017.

Stefanie Hollenbach, M.D.

1. Hollenbach S.J., Harrington A, Duecy EE. "Automated Residency Scheduling: Impacts on Resident Satisfaction and Wellness." ACOG Annual Clinical and Scientific Meeting Austin: April 2018.
2. Hollenbach S.J., Harrington A. "Inattention to Maternal Physiology May Lead to Missed RhIG Administration Due to Underestimation of Fetomaternal Hemorrhage Volume." Society for Reproductive Investigation 65th Annual Scientific Meeting San Diego: March 2018.
3. Hollenbach S.J., Cochran M, Harrington A. "Preivable 'Provoked' Feto-Maternal Hemorrhage May Represent Insensible Cell Exchange." The Society for Maternal Fetal Medicine Annual Meeting Dallas: January 2018.

Kyu Kwang Kim, Ph.D.

1. Moore RG, Miller MC, Kim K, Sivagnanalingam U, DuBeshter B, Angel C, Thomas SG, Seto K, Englert D. Ember trial: Evaluation of multiple protein and molecular biomarkers to estimate risk of cancer in gynecology patients presenting with a pelvic mass. *Gynecologic Oncol.* 149(S1) 2018 p178-179. - 2018
2. Turner R, Kim K, Khazan N, Singh RK, Moore RG. MEK inhibition in clear cell ovarian cancer with a novel drug candidate. *Gynecologic Oncol.* 149(S1) 2018, p76. - 2018
3. Singh RK, Turner R, Kim K, Sivagnanalingam U, Moore RG. Targeting vitamin D receptor (VDR)/immune checkpoint inhibitor receptor ligand PD-L1 axis for immunotherapy of ovarian cancer. *Gynecologic Oncol.* 149(S1) 2018, p48. - 2018
4. Kim K, Yano N, James NE, Ribeiro JR, Turner R, Singh RK, Moore RG. Septin-2 as the binding partner of HE4 with a biological role in HE4 secretion. *Gynecologic Oncol.* 149(S1) 2018 p75-76. - 2018

Brooke A. Levandowski, Ph.D., M.P.A.

1. "Using qualitative data in suicide prevention research". University of Rochester Medical Center's Injury Control Research Center for Suicide Prevention Research Training Institute, Rochester, NY - 5/9/2018
2. "Evaluating LGBT-health clinician trainings on HIV/STD prevention conducted throughout New York State". Poster presentation. University of Rochester Medical Center poster session Celebrating Diversity and Inclusion at URM, Rochester, NY. - 4/27/2018
3. "Choosing the best path: Determining data quality for subject identification within clinical research on buprenorphine use during pregnancy within a medical center". Poster presentation. Translational Science, Washington DC. - 4/20/2018
4. "Evaluating LGBT-health clinician trainings on HIV/STD prevention conducted throughout New York State". Poster presentation. University of Rochester Diversity conference, Rochester, NY. - 4/13/2018

5. "An overview of findings from community based participatory research on improving contraceptive conversations". Oral presentation. University of Rochester Department of Obstetrics and Gynecology Resident teaching seminar, Rochester, NY. - 3/29/2018
6. "An innovative online HIV/AIDS training platform for health care providers". Poster presentation. Center for AIDS Research World AIDS Day conference, Rochester, NY 12/1/2017
7. "Are we speaking the same language? Bridging the gap between young women and providers discussing birth control" Oral presentation, North American Forum on Family Planning, Atlanta, GA. - 10/14/2017
8. "What do young women need to engage in effective contraception conversations with their providers?" Poster presentation, North American Forum on Family Planning, Atlanta, GA. - 10/14/2017
9. "Asking the community about improving contraceptive conversations between young women and their providers". Oral presentation, UNYTE Scientific Session, Rochester, NY. - 7/17/2017
10. "Maternal figures' role in young women's reproductive health decisions". Poster presentation, UNYTE Scientific Session, Rochester, NY. - 7/17/2017

Vivian Lewis, M.D.

1. "Making mentoring work: what the data tell us." Keynote address. Annual Warner Reynold Leadership Academy. University of Chicago Biological Sciences Division; Chicago IL. Lewis V. 2017
2. "Productive Mentorship" Panel presentation for online educational series. Center for the Integration of Research, Teaching and Learning (University of Rochester): March 15, 2028
3. Guest lecturer, St Johns Fisher: Human Capital Management class. "MeToo and the Ivory Tower" April 2018
4. Junior Women Faculty Development workshop: Mentors vs Sponsors; (URMC and RIT) November 2017

Mitchell A. Linder, M.D.

1. "Using EMR Templates to Meet Colposcopy Documentation Guidelines". ASCCP Conference. Las Vegas NV. - 4/19/2018

Jaclyn Erin Morrison, M.D.

1. "Reproductive and Obstetrical Care for Adolescents and Women with Disabilities". Morrison, Jaclyn, Susan Ernst, and Melanie Ornstein. Conference Workshop/Oral Presentation. North American Society for Pediatric and Adolescent Gynecology Annual Clinical & Research Meeting 2018, West Palm Beach, FL. - 4/2018

Jacqueline Terese Nasso, M.S.

1. March of Dimes Centering Pregnancy Conference, Invited podium presentation, "Gestational Diabetes: The Effect of a Group Prenatal Care Program on Knowledge, Empowerment and Patient Outcomes" November 2017
2. Innovations in Medical Education, Invited presentation, "Interprofessional Roles and Opportunities at the University of Rochester Medical School and Nursing School" June 2017

Katrina F. Nicandri, M.D.

1. Lecturer, Gynecologic Issues for Adolescents with Developmental Disabilities. -University of Rochester School of Medicine -Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Discuss issues and problems unique to adolescents with disabilities and ways a gynecologist may help improve quality of life.
2. Lecturer, Normal and Abnormal Puberty -University of Rochester School of Medicine -Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture Understand sequence of events that lead to puberty, normal menstrual cycle, sexual maturation ratings, and recognize signs of abnormal development.
3. Lecturer, Periods, More than a Punctuation -University of Rochester School of Medicine - Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Understand common menstrual problems in adolescents (secondary amenorrhea, dysmenorrhea, etc)
4. Lecturer, Problem Periods -University of Rochester School of Medicine -Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Discuss primary dysmenorrhea and endometriosis and their mechanism of action and treatment modalities. -
5. Lecturer, Disorders of Sexual Development -University of Rochester School of Medicine - Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Define disorders of sexual development, embryogenesis, gender identity, and etiologies of DSD.
6. Lecturer, Primary Amenorrhea -University of Rochester School of Medicine -Rochester NY - Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Discuss etiologies, evaluation, and treatment of primary amenorrhea.
7. Lecturer, Pediatric and Adolescent Gynecology, CREOG Review -University of Rochester School of Medicine -Rochester NY -Resident Education Lecture, Thursday Didactic Series -Development of Original Lecture -Review topics to be tested on the resident in-service exam in the area of Pediatric and Adolescent Gynecology.
8. Lecturer, Abnormal Uterine Bleeding -University of Rochester School of Medicine -Rochester NY -Women's Health Core Curriculum -2nd year medical students -Review common etiologies of AUB and treatment modalities
9. Lecturer, Postmenopausal Vaginal Bleeding -University of Rochester School of Medicine - Rochester NY -Obstetrics and Gynecology Clerkship -3rd year medical students -Small Group Case Review and evaluation of required clerkship presentations.

Courtney Olson-Chen, M.D.

1. M. Toscano, C. Olson-Chen. ZIP code matters: An ecological study of preterm birth in Rochester, New York. Poster presentation. American Congress of Obstetricians and Gynecologists Annual Meeting. - 4/2018
2. S.Y. Naqvi, A. Yoruk, E. Pressman, C. Olson-Chen, S. Prasad, B. Barrus, I. Gosev, J. Alexis, S. Thomas. Cardiomyopathy bridged to heart transplant with ambulatory extracorporeal membrane oxygenation in a peripartum patient. Poster presentation. American College of Cardiology Annual Scientific Session. - 3/2018
3. T.A. Lynch, C. Olson-Chen, S. Colihan, C. Hollomna, H. Link, D. King, C. Eckman, S. Dexter, A. Varlamov, J. Meyers, E. Pressman, A. Malshe. Preterm premature rupture of membranes: An analysis of expectant management until 35 weeks. Poster presentation. Society for Reproductive Investigation Annual Meeting. - 3/2018

4. M. Toscano, L. Pekman, D. Li, T. Dye, C. Olson-Chen. Antepartum contraceptive counseling in women with preterm birth. Poster presentation. Society for Reproductive Investigation Annual Meeting. - 3/2018
5. C. Olson-Chen, D. Gilmandyar, K. Szlachetka, E. Faske, E. Fountaine, T. Ozcan. The association between 3D cervical volume and spontaneous preterm birth. Poster presentation. Society for Maternal-Fetal Medicine Annual Pregnancy Meeting. - 2/2018
6. C. Olson-Chen, K. Szlachetka, D. Gilmandyar, E. Faske, E. Fountaine, T. Ozcan. Uterocervical angle does not predict spontaneous preterm birth in either a low-risk or high-risk group: a prospective study. Poster presentation. Society for Maternal-Fetal Medicine Annual Pregnancy Meeting. - 2/2018

Rogelio E. Perez D'Gregorio, M.D., M.S.

1. The first lecture, about the “Role of MotherToBaby in lead poisoning”, was given in Penn Yan, Yates County, on March 9, 2018 in a meeting of the Finger Lakes Coalition to Stop Lead Poisoning group. The counties of Monroe, Wayne, Ontario, Livingston, Yates, Seneca, Steuben, Chemung, Schuyler were represented, a total of 11 people attended.
2. The second lecture, on May 2nd 2018, at the Family Medicine Department in Highland, Rochester, was about “Lead in pregnancy and lactation”. It was attended by 8 family physicians and 5 nurses.
3. The third lecture, was about the “Children’s Environmental Health Center, and the different activities that we will be offering to the 15 counties of the region”, directed to health care providers, consumers and farmer workers, both in English and Spanish. It was held in Geneva, Ontario County, with participation of 12 people from the counties of Monroe, Wayne, Ontario, Livingston, Yates, Seneca, Steuben, Chemung and Schuyler.

Eva Karen Pressman, M.D.

1. Delaney KM, Guillet R, Queenan RA, Pressman EK, O'Brien KO. Calcitriol is Associated with Iron Status in Term Neonates. American Society of Nutrition 2018 Annual Meeting. Boston, MA - 6/12/2018
2. Best CM, Pressman EK, Queenan RA, Cooper E, O'Brien KO. Serum Vitamin D Binding Protein and Free 25-Hydroxyvitamin D Concentrations in a Multiracial Cohort of Pregnant Adolescents. American Society of Nutrition 2018 Annual Meeting. Boston, MA - 6/12/2018
3. Young R, Miller LA, Olsen-Chen C, Pressman E, Seligman N. Term Contractions Characterized by an Abrupt Increase in Uterine Bioelectrical Activity. Society for Reproductive Investigation 65th Annual Scientific Meeting, March 6-10, San Diego, CA. - 3/6/2018
4. Miller L, Knight K, Thornburg L, Pressman E. The Effects of 3rd Trimester Sleep Quantity & Quality on Adipocytokines. 2018 SMFM Annual Meeting, Dallas, TX. - 2/1/2018
5. Miller L, Knight K, Thornburg L, Pressman E. The Effects of Pre-pregnancy BMI and Antenatal Weight Change on Adipocytokine Level. 2018 SMFM Annual Meeting, Dallas, TX. - 2/1/2018

Colby A.H. Previte, M.D.

1. OB/GYN Clerkship Learning Environment Themes Identified on Qualitative Review of End-of-Clerkship Evaluations. Colby Previte, MD, APGO Academic Scholars and Leaders Program Fellow, 2017-2018 Local Mentor: Ruth Anne Queenan, MD, MBA. National Advisor: Lee Learman, MD, PhD. Poster presentation, VREOG & APGO

John T. Queenan, Jr., M.D.

1. ‘Gender Affirmation Surgery’ and ‘Medical and Surgical Management of Ectopic Pregnancy in 2018’ Medical Directors Council, Planned Parenthood of America, Snowbird, UT, February 22-24, 2018
2. ‘Manage and Prevent Complications of Laproscopic and Hysteroscopic Surgery’; ‘Hirsutism’, ‘PCOS’; ‘Diagnosis, Medical and Surgical Management of Ectopic Pregnancy.’ ‘Reproductive Endocrinology Case Reviews’, Columbus Comprehensive Review, Columbus, OH. October 3-5, 2017.
3. ‘Ethical issues in the use of donor Sperm’ Ethics Grand Rounds, University of Rochester Medical Center, Rochester, NY 9/29/17

Neil S. Seligman, M.D.

1. Array Comparative Genomic Hybridization Yields Interpretable Results from Fetal Tissue Stored Up to 5 Days at Room Temperature. Faculty research Presentation. University of Rochester Department of Obstetrics and Gynecology, Rochester, NY - 4/2018
2. Pregnancy and Prenatal Care During the Opioid Epidemic. 9th Annual Joseph Ryan Conference. Strong Recovery, University of Rochester Medical Center. Rochester, New York. (Key Note Speaker) - 4/2018
3. Lynch T, Szlachetka K, Seligman N. How Should Uterocervical Angle Be Measured with Cervical Funneling? American Institute of Ultrasound in Medicine 2014 Annual Convention, New York, NY (Poster) - 3/2018
4. Lynch T, Szlachetka K, Seligman N. Ultrasonographic Measurement of Uterocervical Angle in Twins: Predicting Spontaneous Preterm Birth. American Institute of Ultrasound in Medicine 2014 Annual Convention, New York, NY (Poster) - 3/2018
5. Perinatal Genetic Testing. St. Joseph's Hospital Health Center Department of Obstetrics and Gynecology, Syracuse, NY (Grand Rounds) - 12/2017
6. Hyperemesis Gravidarum. Emergency Department APP Education Day, Rochester, NY (Oral Presentation) - 9/2017

Rakesh K. Singh, Ph.D., M.Phil.

1. Singh RK. et al. Targeting VDR/PD-L1 pathway via MeTC7 for immunotherapy of ovarian cancer: SGO 49th Annual Meeting on Women's Cancer, 2018

Christopher J. Stodgell, Ph.D.

1. Symposia Chair; Update on the Teratology of Autism: Thinking outside of the box. Teratology Society Annual Meeting, June 2018, Clearwater Beach FL.

Loralei L. Thornburg, M.D.

1. Accreta- District II ACOG, Bermuda, - 10/2017
2. Second Opinion, WXXI television for Public Broadcasting System (1) Myth or Medicine? Women with Lupus can have healthy pregnancy <https://youtu.be/4Ip8LH6BpbU> (2) Myth or Medicine? Breastfeeding will keep you from getting pregnant (3) Myth or Medicine? If you don't want to get your Tdap (Tetanus) in pregnancy it can be given afterwards and will have the same effect (4) Myth

or Medicine? Cesareans are better for babies and give them those nice round heads (5) Myth or Medicine? Episiotomies prevent tearing and prevent bladder issues later in life (6) Myth or Medicine? Depression cannot be treated in pregnancy/Depression & Psychiatric medications are dangerous in pregnancy – 2017

3. Miller, LA, Thornburg, LL, Katzman, P, Darrah, T, Miller, RK. Pre-Conception Exposure to Gadolinium: An Analysis of Maternal & Neonatal Outcomes. SMFM annual meeting 2018, Dallas, Tx.
4. Miller, LA, McKnight, K, Simon, V, Thornburg, LL, O'Brien, K, Pressman, EK. The Effects of 3rd Trimester Sleep Quantity & Quality on Adipocytokines. SMFM annual meeting 2018, Dallas, Tx.
5. Miller, LA, McKnight, K, Simon, V, Thornburg, LL, O'Brien, K, Pressman, EK. The Effects of Pre-pregnancy BMI and Antenatal Weight Change on Adipocytokine Levels. SMFM annual meeting 2018, Dallas, Tx.
6. Miller, LA, Thornburg, LL, Katzman, P, Darrah, T, Miller, RK. Pre-Conception Exposure to Gadolinium: An Analysis of Maternal & Neonatal Outcomes. SMFM Annual Meeting SMFM annual meeting 2018, Dallas, Tx.

Ellen J. Tourtelot, M.D.

1. Grand Rounds Presentation: Varicella Immunity After Vaccination as Compared to Immunity After Chicken Pox Infection University of Rochester Medical Center - 6/21/2018
2. WHP UPP Team Improvement Effort presentation-Met goal of 100% of patients screened for depression at New Prenatal Intake Visit. - 6/12/2018
3. Poster Presentation: "Addressing Elevated Depression Screens Among Underserved Women in an Obstetrics Practice: A Descriptive Study" Devyani Shah, MD, PGY-4 Psychiatry Resident, Ellen Poleshuck, PhD, Nicole Trabold, PhD, Kendall Cunningham, MS4, Keelin Abbot, Jasmine Davis, MS, MFT, Ellen Tourtelot MD - 5/31/2018
4. Conference Presentation: Perinatal Depression. Maternal and Child Health Hospital of Hunan Province. Changsha, China. - 4/10/2018

Wendy S. Vitek, M.D.

1. Vitek W, Barrett ES, Mbowe O, Thurston SW, Santoro N, Diamond MP, for the NICHD Cooperative Reproductive Medicine Network. Pre-conception allostatic load is not associated with diminished ovarian reserve among women with unexplained infertility. American Society for Reproductive Medicine Scientific Conference & Expo, San Antonio, October 31, 2017
2. Vitek W, Barrett ES, Mbowe O, Thurston SW, Santoro N, Diamond MP, for the NICHD Cooperative Reproductive Medicine Network. Pre-conception allostatic load is associated with pregnancy outcomes, but not fertility among women with unexplained infertility. American Society for Reproductive Medicine Scientific Conference & Expo, San Antonio, November 1, 2017

Natalie Sue Whaley, M.D., M.P.H.

1. Oral presentation at Society for Applied Anthropology Annual Meeting. April 3-7, 2018. Philadelphia, PA. F Bawany, N Whaley. Duty to God, or Duty to Family?: Family Planning in an Islamic Society. - 4/2018
2. Invited Speaker. Contraception and Termination Talk, Rochester Institute of Technology, Rochester, NY - 9/1/2017

Ronald Wesley Wood, Ph.D.

1. Lipetskaia, L., P. Doyle, and R. Wood, 3: Near infrared imaging in robotically assisted urogynecologic surgery. *American Journal of Obstetrics & Gynecology*, 2017. 216(3): p.S619
2. Bouta, E.M., et al., Treatment of TNF-Tg mice with anti-TNF restores lymphatic contraction, repairs lymphatic vessels, and may increase monocyte/macrophage egress. *Arthritis & rheumatology (Hoboken, NJ)*, 2017. 69(6): p. 1187
3. Bell, R., et al. Near Infrared Indocyanine Green Imaging Reveals Diminished Flow in Basalic Associated Lymphatic Vessels in the Hands of Rheumatoid Arthritis Patients during Flare. in *ARTHRITIS & RHEUMATOLOGY*. 2017. WILEY 111 RIVER ST, HOBOKEN 07030-5774, NJ USA.
4. Toy Gee Lee MD, P.D.M., Liling Zou PhD, Dongmei Li PhD, Robert Schor PhD, Ronald Wood, PhD, Ultrasound Imaging for the Monitoring of Cyclophosphamide Induced Cystitis in the Mouse Model, in *Individualizing Treatment for Urinary Incontinence - Evolving Research Questions into Research Plans*. 2018: National Institutes of Health, Bethesda MD
5. Toy Gee Lee, T.P.D., Ronald W Wood Ultrasound Imaging of Murine Bladder Cystitis, in *Individualizing Treatment for Urinary Incontinence - Evolving Research Questions into Research Plans*. 2018: National Institutes of Health, Bethesda MD
6. Gee Lee, P.D., Ronald Wood, Robert Schor, Murine Voiding Data Collection System, in *Individualizing treatment for Urinary Incontinence - Evolving Research Questions into Research Plans*. 2018: National Institutes of Health, Bethesda MD

PUBLICATIONS

Cynthia L. Angel, M.D.

1. Moore, R.G.; Miller, M.C.; Kim, K.; Sivagnanalingham, U.; DuBeshter, B.; Angel, C.; Thomas, S.G.; Seto, K.; Englert, D.. "Ember Trial: "Evaluation of multiple protein and molecular biomarkers to estimate risk of cancer in gynecology patients presenting with a pelvic mass"". 2018 149(Supplement 1): 178-179.

Cabiria Monica Barbosu, M.D., Ph.D., MS.B.A.

1. Game Changer: Update on HIV Pre-Exposure Prophylaxis for Minors in NYS Katie Lynch, Brooke A. Levandowski, Monica Barbosu, Thomas Fogg, Ivelisse Rivera, Timothy Dye. Family Doctor: A Journal of the NYS Academy of Family Physicians. Volume VI, Nr 2, 26-28, 39, Fall 2017
2. Use of an Online Provider Learning Community to Assess Clinical HIV/HCV/STDs related Training Needs. Monica Barbosu, Jose Perez-Ramos, Margaret Demment, Thomas Fogg, Terry Doll, Beatrice Aladin, Cheryl Smith, Timothy Dye . Journal of Clinical and Translational Science, Vol 1, Supplement S1, September 2017, p.51
3. Evaluation of an Enhanced Role-Based Access Control model to manage information access in collaborative processes for a statewide clinical education program. Le XH, Doll T., Barbosu M, Luque A, Wang D. Journal of Biomedical Informatics 50 (2014) 184–195
4. An Enhancement of the Role-Based Access Control Model to Facilitate Information Access Management in Context of Team Collaboration and Workflow for Coordination of Clinical Education Programs. XH. Le, T. Doll, M. Barbosu, A. Luque, D. Wang. Journal of Biomedical Informatics (JBI), 45(6):1084-107, Dec 2012

Sarah J. Betstadt, M.D., M.P.H.

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Balasubramanian Bhagavath, M.B.B.S.

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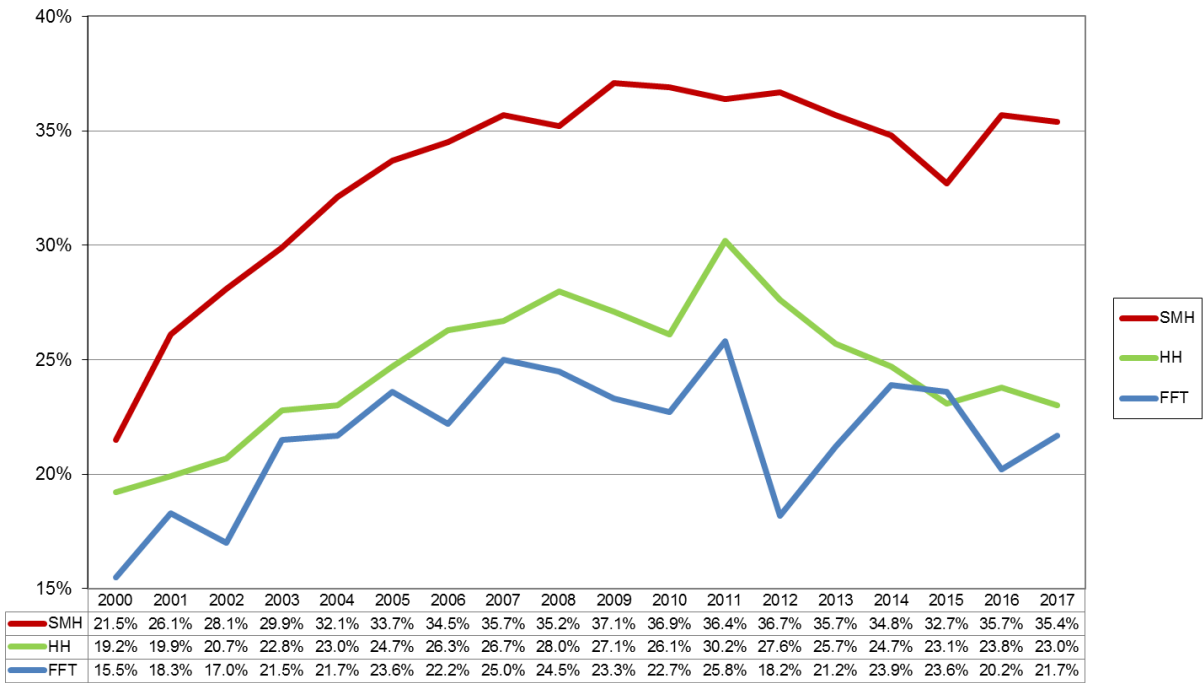
DEPARTMENTAL STATISTICS

University of Rochester

Department of Obstetrics and Gynecology

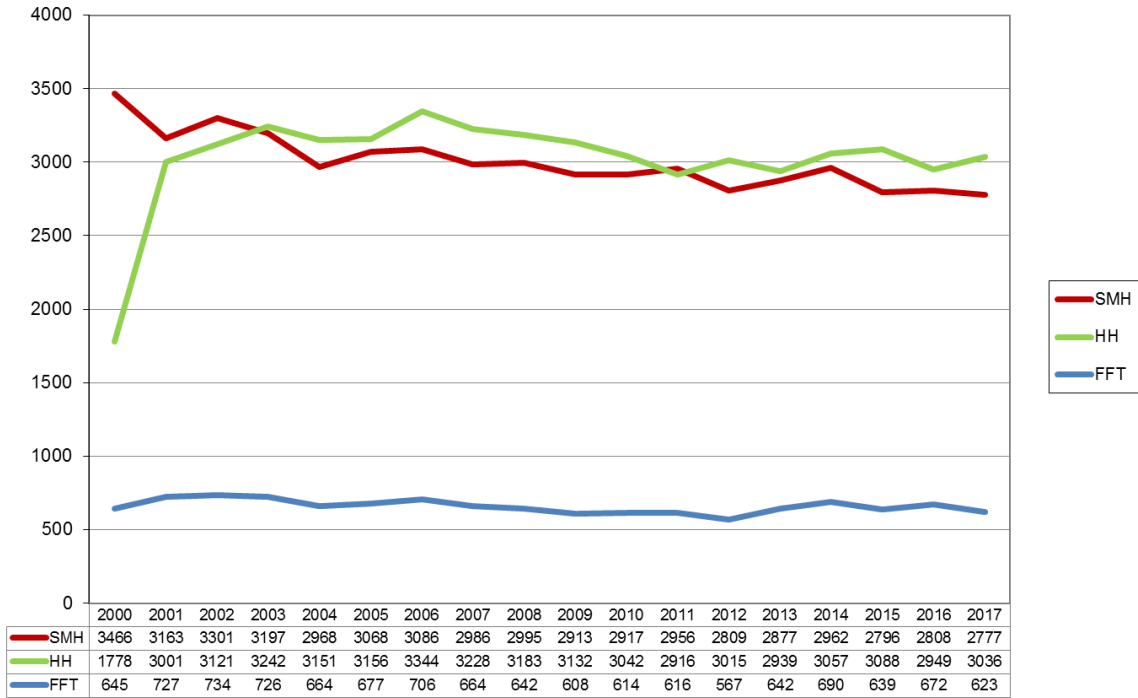
July 1, 2017 - June 30, 2018

Cesarean Section Rates



Calendar year

Number of Deliveries



Calendar year

Note: Deliveries = # of mothers

PERINATAL ULTRASOUND

Number of Ultrasound Encounters				
	2016	2017	2018	Total
Regional Sites	3	2360	5051	7414
UR Sites				
L&D	1160	1255	1410	3825
Lattimore	8208	9000	9577	26785
Red Creek	4339	3939	4226	12504
Grand Total	13710	16554	20264	50528

**CLINICAL SUBSPECIALTY
DIVISIONS**

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

GENERAL GYNECOLOGY AND OBSTETRICS



Adrienne Bonham, M.D.
Associate Professor and Division Director

The Division also includes: Amy Benjamin MD, Sarah Betstadt MD, MPH, Kristen Burhans MD, Jaclyn Morrison MD, Jil Johnson DO, Amy Harrington MD, Sheila Geen CNM, Ashley Gubbels MD, Diane Hartmann MD, Mitch Linder MD, Jennifer Mariani PA, Julia MacCallum MD, Katrina Nicandri MD, Ellen Tourtelot MD, Natalie Whaley MD, Joseph Scibetta MD, Christine King PA, David Foster MD, MPH, Fred Howard MD

INTRODUCTION

The Division of General Gynecology and Obstetrics continues to maintain the momentum that it developed since its inception. The members of the division dedicate themselves to offering the full complement of basic obstetric and gynecologic care as well as providing specialized care in the various gynecologic specialties. Our mission is to provide a meaningful educational experience for students and residents in the clinical setting, emphasize quality and continuity of care to indigent and underserved women, as well as emphasize our own professional development. It is also our mission to provide excellent patient care and to develop a level of expertise in our respective areas of interest that allow us to act as a resource for the community. The members of the division have particular expertise and interest in the areas of primary care and health screening, [family planning](#), pediatric and adolescent gynecology, minimally invasive surgery, vulvovaginal disorders and clinical quality outcome measures and education.

The division members are active clinically and surgically at many sites which include Strong Memorial Hospital, Lattimore Women's Health, Lattimore Ob/Gyn and Sawgrass Surgical Center. We provide obstetrical services at the Strong Memorial Hospital labor and delivery and birth center, all emergency room and hospital gynecological consultations, and private obstetrical and gynecological services at University Obstetrics and Gynecology and Women's Health Practice, both located at our offices on Lattimore Road. The division members provide preceptorships for all the resident continuity clinics at Strong Women's Health Practice.

We are very excited to have recruited several new physicians to our practice this year. Dr. Julia MacCallum comes to us from her training program at Dartmouth-Hitchcock where she completed a residency in obstetrics and gynecology as well as a program in Leadership Preventative Health. Her areas of interest are general obstetrics and gynecology as well as substance use in pregnancy. She will be instrumental in developing our new substance use in pregnancy clinic to be held at the Women's Health Practice. Dr. Ashley Gubbels comes to us from her Fellowship in Minimally invasive Surgery at St. Joseph's Hospital

and Medical Center in Arizona. Dr. Gubbels has received specialized training in chronic pelvic pain and will be joining us as a member of our Center for Chronic Pelvic Pain and Vulvar Disorders.

DIVISION MEMBERS

Amy Benjamin, MD is a graduate of University of Rochester School of Medicine residency program. She completed advanced training in Advanced Laparoscopic Surgery under the tutelage of Dr. Fred Howard and joined the division as full-time faculty. She is active in resident surgical education, precepts residents in pelvic pain clinic and provides outstanding clinical care for pelvic pain patients and general obstetrics and gynecology. Her interests are to improve quality of resident surgical training and perform advanced laparoscopic surgeries.

Sarah Betstadt, MD, MPH completed her medical school at SUNY, Upstate and residency at Baystate Medical Center. She has advanced training completing a family planning fellowship at Boston University. She is actively pursuing research and publishing in the area of contraception and family planning. Dr. Betstadt provides excellent care and training in the Family Planning service, which has become a large, regional referral practice. They have recently developed a relationship with Planned Parenthood and plan on a long term partnership with the goal of efficient and immediate care for patients and expanded training for residents. As site director for the third year medical student clerkship, she is responsible for the oversight of the education of those students assigned to Strong for their Ob/Gyn clerkship and holds weekly small group teaching sessions.

Adrienne Bonham, MD, MS completed her medical degree from the State University of New York at Buffalo and her residency at the University of Rochester. She also has a Master's of Science in human genetics from the University of Pittsburgh and a Master's of Science in Medical Management from the University of Rochester. In 2012 she became the Division Chief for General Obstetrics and Gynecology. Her clinical area of interest is the diagnosis and treatment of disorders of the lower genital tract. She has developed a busy regional referral practice for these conditions. Dr. Bonham is actively involved in several research projects relating to vulvar pain, precepts the residents' colposcopy clinic and supervises staff surgeries with the residents.

Kristen Burhans, MD graduated from medical school at the University at Buffalo and completed her residency at the University of Rochester. Dr. Burhans is interested in the practice of general obstetrics and gynecology, and sees patients at both our UOG as well as Women's Health Practice offices. She is also very interested in resident and student education. She has now taken on the role of director of the simulation program and continues to expand our capabilities in this exciting new method of training future physicians. Dr. Burhans also acts as the Clerkship Site Director for the Ob/Gyn clerkship at Strong Memorial Hospital.

David Foster MD, MPH Professor Emeritus, received his medical degree from Thomas Jefferson University and did his residency at Johns Hopkins. He completed a fellowship in gynecologic pathology and received his MPH from Johns Hopkins as well. He is an internationally known expert in the field of vulvovaginal disorders. He has published extensively on the topic and currently has two R01 NIH grants. He has recently retired from clinical practice, but remains on faculty as Professor Emeritus and continues to be active in research in the field of lower genital tract disorders.

Ashley Gubbels, MD is the newest member of our division. She comes to us from Arizona where she completed her Fellowship in minimally invasive surgery at St. Joseph's Hospital and Medical Center. Prior to that she received her medical degree at University of Minnesota and did her residency in obstetrics and gynecology at the University of Nebraska. She then practiced as a general ob/gyn practitioner in the United States Air Force Medical Corps for four years before starting her fellowship. Dr. Gubbels has received

specialized training in both minimally invasive surgery and chronic pelvic pain and is developing her practice focused on these areas of interest. She is the newest contributor to our Center for Chronic Pelvic Pain and Vulvar Disorders.

Amy Harrington, MD initially came to us from private practice in VA. She received her medical degree from Stony Brook University and did her residency at the University of Virginia. Her particular area of interest is family planning, and with Dr. Betstadt, she has developed a large regional referral center for these services. She has also started a complex contraception clinic designed to act as a referral center for patients with contraceptive complications as well as complex medical conditions which make contraception difficult. She is actively involved in precepting the resident clinics and does many of the staff surgeries with the residents. Dr. Harrington is also the Residency Director for the department of obstetrics and gynecology.

Diane Hartmann, MD As the Senior Associate Dean for Graduate Medical Education, Dr. Hartmann is responsible for 75 residency and fellowship programs and over 700 graduate medical trainees at the University of Rochester School of Medicine. She is currently a member of the Board of Directors of the American Board of Obstetrics and Gynecology and serves as an Oral Board Examiner. Dr. Hartmann is Chair of the Council on Residency Education in Obstetrics and Gynecology and has been named to be on the Board of Directors for the Accreditation Council on Graduate Medical Education's (ACGME).. She was recently appointed to the American Association of Medical Colleges (AAMC) National Advisory Panel on Medical Education

Fred Howard, MD Professor Emeritus, graduated from medical school at Vanderbilt University and did his residency at Fitzsimons Army Medical Center. He is internationally known as an expert in chronic pelvic pain and minimally invasive surgery and has lectured and published extensively on these topics. He instituted the department's minimally invasive surgery fellowship which remains extremely successful today.

Jil Johnson, DO came to us from Washington where she had specializing in minimally invasive surgery for over 8 years. Prior to that, she had completed her residency in Ob/Gyn in Akron OH and the completed her training by completing a fellowship in Minimally Invasive Surgery at Virginia Mason Medical Center. Dr. Johnson specializes in minimally invasive and robotic surgery and also runs the resident laparoscopy simulation training program. She also has a special interest in women's sexual health.

Mitch Linder, MD also came to us from a career in private practice. He obtained his medical degree from Temple University and did his residency in Obstetrics and Gynecology at the University of Rochester. His practice includes both general obstetrics and gynecology as well as specializing in vulvovaginal disorders. He has a special interest as well in optimization of the electronic medical record system and general practice operations. Dr. Linder also supervises residents in their staff clinics as well as on the obstetric and gynecologic hospital services.

Julia MacCallum, MD, MPH is a new member of the division coming to us from her training program at Dartmouth-Hitchcock Medical Center, where she completed both a residency in obstetrics and gynecology as well as doing postdoctoral training in Leadership Preventative Medicine, where she received her Master of Public Health degree. Her research and quality assurance work during this time centered on treatment of women with substance use in pregnancy. Prior to this, she received her medical degree from the University of Wisconsin. Her areas of interest also include the practice of general obstetrics and gynecology. She will be instrumental to the planned development of a substance use in pregnancy center which plan to institute over the next year.

Jaclyn Morrison, MD graduated from medical school at the University at Buffalo and completed her residency at the University of Rochester. Her areas of interest lie in pediatric and adolescent gynecology as well as the practice of general obstetrics and gynecology. Dr. Morrison acts as the Medical Director for the Birth Center at Strong Memorial Hospital and is also very active in resident and student education.

Katrina Nicandri, MD graduated from Medical College of Virginia and completed her residency at the University of Washington. Dr. Nicandri was a faculty member at the University of Washington after residency. Her interests lie in the area of pediatric and adolescent gynecology as well as providing excellent care in general obstetrics and gynecology, resident education, and providing clinical care in underserved areas and populations. She restructured our M&M's to provide a critical and educational venue and evaluation of clinical outcome measures, is chair of the Gyn Quality Assurance Committee has a special interest in patient safety initiatives.

Joseph Scibetta, MD comes to us following a long career in private practice in the Rochester area. Dr. Scibetta graduated from medical school and did his residency in Obstetrics and Gynecology at the University of Rochester. He has been a beloved attending and teacher in our system for many years, and we are thrilled to have him join our practice as full time faculty. Dr. Scibetta practices general obstetrics and gynecology and specializes in minimally invasive gynecologic surgery.

Ellen Tourtelot, MD obtained her medical degree and completed her residency at the University of Rochester before joining the faculty at Pennsylvania State University. Her passion for caring for the underserved, as well as her outstanding organizational capacities, has brought her back to the University of Rochester where she serves as the Medical Director for the Women's Health Practice. She oversees the administration of care given to over 10,000 underserved women in the Rochester area. She also actively supervises the resident clinics and staff surgeries.

Natalie Whaley, MD, MPH is another new addition to our division family. Dr. Whaley completed her medical degree at the University of Washington School of Medicine in 2009 and did her residence in Obstetrics and Gynecology at the University of Rochester. She then spent the next two years at Johns Hopkins completing a fellowship in family planning and received an MPH degree from the Johns Hopkins Bloomberg School of Public Health. Dr. Whaley is very active in our family planning program. Her areas of interest are family planning, contraception and care of the underserved.

PATIENT CARE/CLINICAL SERVICES

Areas of clinical care and research in the Division include:

- Adolescent and pediatric gynecology
- General Obstetrics and Gynecology
- Family planning
- Minimally invasive gynecological surgery
- Chronic pelvic pain
- Vulvovaginal disorders
- Care of the midlife woman
- Substance use in pregnancy
- Women's sexual health

The Division provides office-based clinical care on the University campus in the Women's Health Practice and the University Obstetrics and Gynecology practice at Lattimore. In the Women's Health Practice, Division members provide clinical care through oversight of nurse practitioners and residents in their continuity clinics, in addition to providing direct patient care.

EDUCATION

The Division is committed to excellence in education. The Division has leadership and teaching roles related to residency and medical student education. Dr. Harrington is the Residency Director for the department and designs and implements the resident education curriculum. Dr. Burhans is the site director for the third year clerkship. All of our providers are active in resident and student education both in the office, on service in the hospital and all frequently gives both formal and informal lectures to both students and residents. Our providers supervise the residency continuity clinics as well as specialty clinics such as Colposcopy and Vulvar Disorders, Pelvic Pain Clinic, Complex Contraception, Family Planning and Pediatric and Adolescent clinics. Drs. Whaley, Betstadt and Harrington have mentored many resident research projects. Dr. Nicandri is a frequent lecturer and clinic preceptor as well as running the M and M conferences and is director of the 4th year clerkship elective. Dr. Tourtelot has been reorganizing the ambulatory education curriculum and assuring that the clinic provides an active learning environment for the residents.

The entire Division is responsible for and committed to the education and supervision of the residents in their continuity clinics at Strong Memorial Hospital, Women's Health Practice. Our Division also is responsible for daily educational rounds with the residents on gynecology. These rounds consist of daily review of patient cases, examination of patients with residents, and availability for emergency operations. Individual division faculty also teach second and third year residents in their private offices.

RESEARCH

Several of the Division members are also funded co-investigators on collaborative studies with other divisions and departments. Members of the division are active in research in the areas of vulvodynia, endometriosis, contraception and the optimization of care to the underserved. Currently funded studies with members of the Division as principal investigators are summarized in each faculty member's individual annual report summary.

FUTURE PLANS

Our division's mission remains to provide our patients with excellent clinical care as well as our residents with a comprehensive and meaningful educational experience. In doing so, we hope to serve as role models for the residents and are in the process of standardizing the care provided throughout the system to best reflect the most up to date evidence based medicine.

It is our belief that the care of patients with chronic pain conditions is best provided in a comprehensive and integrated fashion. To this end, we have developed an integrated practice unit for pelvic and gynecologic pain which will include providers specializing in this area as well as allied health professions who treat women with these conditions. We have developed a behavioral health and physical therapy program within our office to provide a comprehensive, team based approach to the care of women with gynecologic pain.

We have recently instituted a program to expand access for long acting reversible contraception to underserved patients in the immediate postpartum period. We are working with the department of pediatrics to improve teen education regarding effective contraception and have instituted a same day access policy for teens. We continue to actively encouraging each member of the division to continue to develop in his or her own particular area of interest in order to better serve the community as well as to make the University of Rochester truly a center of excellence in these fields. We have also instituted a program to assist with

contraception planning for patients being discharged from the hospital. Consultation is available for all services to address these concerns prior to discharge.

The department has long cared for women with substance use in pregnancy issues, but with the acquisition of Dr. MacCallum, we plan on creating a separate program to specifically address the many issues associated with substance use in pregnancy. We plan to provide comprehensive, coordinated obstetrical care as well as to help address the psychosocial and behavioral health issues that our patients face.

GYNECOLOGIC ONCOLOGY



Richard G. Moore, M.D. FACS, FACOG
Professor and Division Director

The Division of Gynecologic Oncology faculty also includes: Brent DuBeshter M.D., Cynthia L. Angel M.D., Sajeena Thomas M.D. Rachael Turner, M.D., Ph.D., Rakesh Singh Ph.D., Kyu Kwang Kim Ph.D., Negar Khazan, Ph.D., Diana Bailey, M.S., CGC, Lauren Mahon, N.P. and Sara Rossi, N.P.

PATIENT CARE

The Division of Gynecologic Oncology at the Wilmot Cancer Institute and the Department of Obstetrics and Gynecology provides the most advanced and cutting edge care for women diagnosed with gynecologic cancers and is recognized as a national leader in the field of Gynecologic Oncology for patient care, clinical trials and basic science research. This year Highland Hospitals division of gynecology was honored to be recognized as one of the top 50 programs in the country with a rank of 45 by US News. The Gynecologic Oncology program has also earned the Joint Commission's Gold Seal of Approval. The Division is national leader in contemporary care with programs such as sentinel node evaluation for cervical, endometrial and vulvar cancers. We have also lead the way in the use of neoadjuvant chemotherapy with interval debulking surgeries for patients with ovarian cancer. We are one of the few major centers in the United States that offer complete robotic debulking surgeries for patients with ovarian cancer. These techniques allow many of our patients the ability to have complete resection of their tumors with minimally invasive surgery resulting in earlier discharge, faster recovery times and less delay in treatment.

The Division of Gynecologic Oncology offers the highest standard of care to all women with gynecologic cancers throughout NY State and northern Pennsylvania, including state of the art treatments such as personalized medicine with targeted therapies guided by genetic and molecular analysis of each patient's own tumor and immunotherapy. Our care not only involves the acute treatment of women with cancer, but also extends to our genetics and survivorship programs. We are currently developing a sexual health and wellness clinic to address the needs of patients during and after cancer treatment. We also work in close collaboration with the palliative care service at Highland Hospital where we now offer specially outfitted hospice rooms for end of life care.

EDUCATIONAL ACTIVITIES

Dr. Sajeena Thomas our Director of Education for the Division of Gynecologic Oncology is responsible for organizing and running all the clinical and elective rotations for medical students and residents that come through our service. The division continues to be involved with the teaching of medical students, interns, residents and oncology fellows. There are several clinical rotations for medical students from the University of Rochester as well as for visiting medical students from other medical schools. Each division member provides lectures for the medical students and residents and are also involved in local and regional

educational events. A weekly Tumor Conference continues to be popular with the residents and is attended by staff in gynecologic oncology, radiation oncology, pathology and clinical research.

RESEARCH

The research program in the Division of Gynecologic Oncology includes programs in clinical trials, translational research and basic science research.

The Division of Gynecologic Oncology has established one of the nation's most active clinical trials research programs in gynecologic oncology. We are primary members of the National Cancer Institute's NRG clinical research group and offer all the gynecologic NRG clinical trials, giving women with gynecologic cancer in our region and across the country the opportunity to participate in clinical trials. Our clinical trials program also offers treatment trials with industry partners studying new drugs for gynecologic cancer patients. We have over 20 clinical trials for the treatment of gynecologic malignancies that are investigating novel targeted therapies and immunotherapies many of which are offered only at the Wilmot Cancer Institute in this region. These trials allow women with the diagnosis of a gynecologic malignancy to receive cutting edge care in their own back yard. In addition to our treatment trials, we are also one of the only programs that are enrolling women on to an ovarian cancer screening trial in the nation.

The Targeted Therapeutics Laboratory (TTL) in the Wilmot Cancer Institute lead by Richard Moore, MD explores new treatment opportunities for ovarian and endometrial cancers. The TTL is staffed by a team of internationally recognized cancer researchers including Rakesh Singh PhD, Kyu Kwang Kim PhD, Racheal Turner MD PhD and Negar Khazan PhD. The research performed in the TTL has resulted in several novel targeted therapies for cancers. This team is recognized internationally as the leaders in research on the HE4 protein that is associated with ovarian cancer. Last year our laboratory received the prestigious Rivkin Grant for ovarian cancer research and currently has completed a Mary Kay Foundation grant in ovarian cancer research. Since its inception the TTL has obtained over a million dollars in research support for basic science and clinical trials. Our research also expands into the field of diagnostics with innovative technology such as "liquid biopsy" for the detection of circulating tumor cells in women with ovarian and endometrial cancer. We have recently completed a clinical trial for the detection of ovarian cancer through liquid biopsy with genetic analysis of circulating tumor cells. We are currently the lead site for a national FDA trial examining circulating tumor cell in women with metastatic breast cancer. The current funding and ongoing research in the TTL will allow our research division to be competitive for future NIH and NCI funding.

We have also established a clinical and basic science research program where undergraduates, medical students, residents and research fellows have the opportunity to perform research in gynecologic cancer.

FUTURE PLANS

Our clinical growth has opened the door allowing more women with a diagnosis of a gynecologic cancer to have access clinical trials. We have been fortunate to have patients come from all over New York, Pennsylvania, Massachusetts, Canada and Japan for treatment on clinical trial. With the establishment of the Targeted Therapeutics Laboratory, our goals are to develop new and innovative methods to diagnose and treat gynecologic cancers advancing the field with new and novel technologies. The TTL has submitted 3 patents for novel drugs over that past 2 years with the expectation of moving these drugs into clinical trials. With further expansion of the clinical trials program, basic science research and our partnership with the Wilmot Cancer Institute, we hope our efforts will assist the Wilmot Cancer Institute to obtain "National Cancer Institute designation." In addition, through outreach efforts, our program will collaborate with a number of offsite oncology clinics, affording our patients the convenience of being treated closer to home.

GYNECOLOGIC ONCOLOGY CLINICAL VOLUME

<u>Clinical Activity</u>	<u>Totals</u>						
<i>Surgical Volume</i>	2012	2013	2014	2015	2016	2017	2018
Partial vulvectomy	60	49	45	36	49	48	79
Cervical conization	31	21	20	26	26	30	39
Hysterectomy (open)	61	51	24	55	70	104	88
Hysterectomy (robotic)	352	378	327	330	361	456	547
Ovarian cancer debulking	95	100	91	42	62	103	110
Radical vulvectomy	31	31	17	20	21	29	22
Radical hysterectomy (open/robotic)	27	36	24	15	19	20	16
Total Procedures	657	666	548	524	608	790	901
<i>Outpatient Visits</i>							
New patients	909	958	838	796	977	917	954
Follow-up visits	3210	3359	3215	3116	3735	4626	5259
Colposcopy	386	345	262	321	267	276	266
Total	4505	4662	4315	4233	4979	5819	6479

MATERNAL-FETAL MEDICINE



Lorelei Thornburg, M.D.
Director of Maternal-Fetal Medicine Division
Director of Maternal-Fetal Medicine Fellowship

The Division of Maternal-Fetal Medicine faculty also includes: Ahmed I. Ahmed, M.D., Kathryn Drennan, M.D. (Director of Inpatient Antepartum and Gynecology Unit and Perinatal Associates), Elizabeth Westen, M.D. (Fellow), J. Christopher Glantz, M.D., M.P.H. (Director of the Regional Perinatal Database), Lisa M. Gray, M.D. (Director of OB/GYN Special Care Clinic and Assistant Fellowship Director), Monique Ho, M.D. (Director, of Reproductive Genetics and Regional Maternal-Fetal Medicine Services), Stefanie Hollenbach, (Fellow), Heather Link, M.D., M.P.H. (Fellow), Tara Lynch, M.D. (Fellow), Amol Malshe, M.B.B.Ch., Ponnilla Marinescu, M.D. (Fellow effective 7/1/18), Lauren A. Miller, M.D., M.P.H. (Fellow through 6/30/2018), Erica Nicasio, M.D. (Fellow effective 7/1/18), Courtney Olson-Chen, M.D. (Associate Program Director of OB/GYN Residency), Eva K. Pressman, M.D., (Chair of Obstetrics and Gynecology), Ruth Anne Queenan, M.D. (Chief of Obstetrics and Gynecology at Highland Hospital), Neil S. Seligman, M.D. (Director of Reproductive Genetics). The Reproductive Genetics Service includes: Diane Bailey, Ericka Bliss, Stephanie Laniewski and C. Jeanne Peterson.

The Division of Maternal-Fetal Medicine (MFM) continues to provide high-risk obstetric care with ultrasound evaluation, consultation, and direct obstetric management throughout the region.

PATIENT CARE

Prenatal care:

The Maternal-Fetal Medicine Division maintains an active full-service practice through Strong Perinatal Associates. The Strong Perinatal Associates practice based at The Women's Health Pavilion at 500 Red Creek Drive is a referral only practice for complicated pregnancies. Patients referred to us for antepartum and intrapartum obstetric care are seen throughout their pregnancy, delivered by our faculty members, and then return to their regional physicians for continued GYN care. Patients whose risks have passed during the latter part of pregnancy are offered the opportunity to return to their obstetrician, family medicine physicians or nurse midwife for their continued obstetric care. With approximately 1800 prenatal visits annually, this practice continues to serve as an important referral center for the area.

Additional high-risk pregnancy services are provided at the Special Care Clinic housed within The Women's Health Pavilion at 125 Lattimore Road. Staffed by residents, nurse practitioners, social workers and nutritionists, and supervised by the MFM faculty, the Special Care Clinic provides comprehensive services for many of the most complicated obstetric patients. The Special Care Clinic continues to thrive with approximately 130 deliveries and over 1700 obstetrical provider office visits for a total of 439 unique patients, plus visits with support services (social work, psychiatry, nutrition) housed within the clinic. In addition, the specialized Diabetes in Pregnancy Clinic is housed within the Special Care Clinic and continues to provide specialized care for women with diabetes complicating pregnancy. Dietary services within this clinic were able to begin billing this year, and again did over 200 visits for over 100 unique patients.

Perinatal Consultation:

Additionally, the practice provides perinatal consultation services for those patients that do not require transfer for delivery, but evaluation and discussion of pregnancy complications or maternal diseases in pregnancy, or planning for future pregnancies, and we have continued to shift our focus to more consultative and co-management care, increasing our consultations to over 700 this year (up from 200 in 2016) as we move in this direction for the practice. Wait times for both the office practice and consultation clinic remain low, with pregnant patients able to be seen within 1 week of referral (often same day, next day for urgent needs), and preconception consultations with 2-3 weeks. We have move to an access model to further improve referral flow into the MFM practice from throughout the region. We have been working to completely overhaul the MFM website to reflect this regional referral base.

Comprehensive and Coordinated Fetal Care:

In addition to providing full prenatal care, MFM serves as both the fetal and maternal care referral center for both our region and the surrounding regions for the most critically ill mothers and infants during pregnancy. This has resulted in increasing care coordination needs to assure that mother's and infant's receive the necessary services both before and after delivery. We now have a fetal care coordinator that fulfills this role, assuring that patients have appropriate services arranged prior to visits- since many of these woman travel 2-5 hours for care.

The fetal care coordination program sees patient from all over the region and beyond with complex fetal care needs for consultation, with many going onto deliver with us for care at the Golisano Children's Hospital. Last year this service cared for almost 200 patients with complex fetal anomalies (up from 150 last year), organizing over 350 consultations at the Golisano Children's Hospital prior to birth, with most of these children then going on to receive complex care services there after birth.

Fetal Monitoring:

Strong Fetal Monitoring continues to flourish with outpatient fetal monitoring offered at Lattimore Road and Red Creek Drive as well as in triage on nights and weekends. More than 6000 outpatient non-stress tests were performed in the last year, up from 4800 in 2016.

Level II Fetal Ultrasound services:

Level II ultrasound services are providers in three locations, Lattimore Road, Highland Hospital, Rochester General Hospital and our facility at Red Creek Drive. The volume of patients seen for OB/Gyn ultrasound at the URMC locations (Lattimore and Red Creek) remains high and stable, with again over 15,000 studies on over 9000 patients. The sites have on-site genetic counseling and MFM services, with immediate consultation and testing available, and serve as the regional referral for diagnosis, evaluation and management of complex fetal disease from around the region.

Regional Ultrasound & Consultation Services:

The MFM Division now performs ultrasound and consultation at a number of locations throughout the region. Starting in 2009, we began to provide onsite services to St. Joseph's Hospital and Associates for Women's Medicine in Syracuse to provide perinatal consultations and ultrasound services locally in Syracuse. Dr. Pressman and Dr. Seligman provide these services twice a month and over the last academic year again saw nearly 200 patients in consultation. This will likely expand in this coming year to a weekly service.

The MFM division provides Level II ultrasound at FF Thompson, including 2 days/month of onsite services- with over 3000 studies performed last year. Now we also cover ultrasound remotely at Noyes Hospital, Ob/gyn Associates of the Finger Lakes in Dansville, St. James in Hornell (Started June 2018), Auburn Community Hospital in Auburn and Comprehensive Women's Health Services in Watertown

(Started August 2018). These hospitals together had over 2800 ultrasound. At many of these sites we perform both daytime and evening/weekend ultrasound interpretation, allowing these remote communities access to ob/gyn ultrasound at any time.

Additionally last year we began to cover at Catholic Health's Mercy Hospital in Buffalo 3 days/week by remote reading with almost 2300 ultrasounds last year. We have also begun to provide telemedicine consultative services in Elmira at Twin Tiers Women's health, at Guthrie Corning Ob/gyn in Corning, at Ob-Gyn and Midwifery Associates of Ithaca and in Buffalo at Mercy Hospital.

We are further planning to expand these services, and likely we begin onsite coverage several days/month at some sites, as well as further remote services in other areas. We have developed a regional sonographer outreach position to provide training and support to all sites and improve imaging quality throughout the entire region.

Reproductive Genetics:

We have the only reproductive genetics division with MFM geneticists in the state outside of NYC. This division of MFM continues to provide genetic counseling to patients throughout the region with over 1100 prenatal and pre-pregnancy patients seen during the past year. This July we added Dr. Ahmed Ahmed (a second fully trained MFM geneticist) as well as another fully boarded genetic counselor Ericka Bliss.

With the introduction of noninvasive testing options in pregnancy, these counseling services are more needed than ever. The number of invasive diagnostic continues to be lower than previously with the new availability of non-invasive testing, but remained approximately stable from last year with over 100 amniocenteses and almost 90 chorionic villus sampling (CVS) procedures performed (both increased from last year, with CVS numbers almost doubling). Additionally, Dr. Seligman has developed beginning in 2013 a High-Order Multiples treatment program housed within Reproductive Genetics, with growing numbers of patient's taking advantage of this service regionally and avoiding referral to the next closest centers of New York and Philadelphia.

Lactation Medicine:

Rochester has always been "ahead of the curve" with lactation services- with Ruth Lawrence as the founder of the Lactation Medicine community nationally. Beginning in 2016, the MFM division and NICU division of pediatrics began a plan to implement outpatient comprehensive breastfeeding medicine and lactation services.

Dr. Rosen-Carole was hired into a full time lactation medicine role, and began seeing patients both in and out patient with complex lactation needs throughout the Golisano and URMC hospitals. She developed outpatient services both at Red Creek and on AC6, and over the last year her team has had over 1000 visits. They have begun offering tongue tie release services, both on Ac6 and the NICU. We initially began with two ½ day sessions per week, and rapidly increased to 5, adding lactation consultant (LC) only sessions, as well as physician sessions to expand the number of patients that can be served. However, even with this, wait times range have remained over 1 week, indicating the unmet need in the community for these services. We continue to explore options to increase these services.

We have also restructured the inpatient lactation services for NICU and OB/GYN, creating a single team of lactation consultants led by Dr. Rosen-Carole, with a new overarching lead LC position. This team is now able to truly providing comprehensive, patient-centered care to the complex maternal-child dyad. Dr. Rosen-Carole is now taking on the role of fellowship director, and the lactation service is training a full-time lactation medicine fellow starting in August 2018.

EDUCATION

The MFM division is dedicated to teaching medical students, residents and fellows. Our faculty are involved in all four years of the medical school curriculum and continue to work hard at encouraging the best medical students to pursue careers in women's health. Our entire faculty contributes to the resident didactic lecture series, obstetric simulation, monthly morbidity and mortality conferences, weekly perinatology/neonatology conferences and teaching on the inpatient and outpatient services. Radiology, Family Medicine, and Anesthesia residents also rotate through the MFM service. Our MFM fellowship has been ongoing for over 30 years and we continue to attract and train some of the country's finest fellows. We have expanded the fellowship from 1 to 2 fellows/year starting in 2015-6, and have successfully transitioned to the ACGME as well. In 2018, together with pediatrics we added a lactation medicine fellow as well.

RESEARCH

Research activities within the Maternal-Fetal Medicine Division continue to expand. We have hired a part time research coordinator to allow for further expansion. The division remains an active part of the North American Fetal Therapy Network (NAFNET), and through this group we are participating in several database studies, as well as planning to start enrollment for several multi-site clinical trials. Several fellows have ongoing prospective research, and several are involved in bench top translational work. Last year the faculty and fellows presented 24 abstracts at national and international meetings including:

SMFM meeting - Feb 2018, Dallas

1. Miller LA, Link HM, Carey K, Seligman N. Reducing Buprenorphine Dose During Pregnancy Leads to Improved Neonatal Outcomes.
2. Miller LA, Link HM, Carey K, Seligman N. Lower Dose of Buprenorphine at Delivery is Associated with Improved Neonatal Outcomes.
3. Ultrasonographic measurement of uterocervical angle in twins: predicting spontaneous preterm birth. Lynch TA, Szlachetka K, Seligman NS.
4. Olson-Chen C, Gilmandyar D, Szlachetka K, Faske E, Fountaine E, Ozcan T. The association between 3D cervical volume and spontaneous preterm birth
5. Olson-Chen C, Gilmandyar D, Szlachetka K, Faske E, Fountaine E, Ozcan T. Uterocervical angle does not predict spontaneous preterm birth in either a low-risk or high-risk group: a prospective study.
6. Miller, LA, McKnight, K, Simon, V, Thornburg, LL, O'Brien, K, Pressman, EK. The Effects of 3rd Trimester Sleep Quantity & Quality on Adipocytokines.
7. Miller, LA, McKnight, K, Simon, V, Thornburg, LL, O'Brien, K, Pressman, EK. The Effects of Pre-pregnancy BMI and Antenatal Weight Change on Adipocytokine Levels.
8. Hollenbach SJ, Cochran M, Harrington A. Previaible "provoked" fetomaternal hemorrhage may represent insensible cell exchange.
9. Miller, LA, Thornburg, LL, Katzman, P, Darrah, T, Miller, RK. Pre-Conception Exposure to Gadolinium: An Analysis of Maternal & Neonatal Outcomes.
10. Zaretsky, Tong, et. al. North American Fetal Therapy Network: Indications for delivery following laser ablation for twin-twin transfusion syndrome.

ACOG meeting - April 2018, Austin

1. Hollenbach SJ, Harrington A, Duecy E. Automated Residency Scheduling: Impacts on Resident Satisfaction and Wellness.
2. Lynch T and Drennan K. Periviable preterm birth: A descriptive study of deliveries from 2011-2017.

3. Colihan S, Lynch T, Walia J, and Zelig C. Obesity and Risk for Infectious Morbidities in Women Delivered by Cesarean Section after Induction of Labor.
4. Marika T, Olson-Chen, C. ZIP Code Matters: An Ecological Study of Preterm Birth in Rochester, New York.

AIUM meeting- March 2018, New York City

1. Lynch TA, Drennan K. Prenatal Prediction of Successful Intubation in Periviable Neonates Using Standard Fetal Biometric Parameters.
2. Lynch TA, Szlachetka K, Seligman NS. How should uterocervical angle be measured with cervical funneling?
3. Lynch TA, Szlachetka K, Seligman NS. Ultrasonographic measurement of uterocervical angle in twins: predicting spontaneous preterm birth.

SRI meeting- March 2018, San Diego

1. Lynch TA, Olson-Chen C, Colihan S, Holloman C, Link H, King D, Eckman C, Dexter S, Varlamov A, Meyers J, Pressman E, and Malshe A. Preterm premature rupture of membranes: An analysis of expectant management until 35 weeks.
2. Toscano M, Pekman L, Li D, Dye T, Olson-Chen C. Antepartum Contraceptive Counseling in Women with Preterm Birth.
3. Lynch T, Olson-Chen C, Colihan S, Holloman C, Link H, King D, Eckman C, Dexter S, Varlamov A, Meyers J, Pressman E, Malshe . Preterm Premature Rupture of Membranes: An analysis of expectant management until 35 weeks.
4. Hollenbach, Harrington. Inattention to Maternal Physiology May Lead to Missed RhIG Administration Due to Underestimation of Fetomaternal Hemorrhage Volume.

FUTURE PLANS

The MFM division continues to expand our coverages around the region, and it is likely this will continue through the coming years. We continue to working on developing telemedicine and onsite options for consultations with patients throughout the region, and hope to be live at several regional sites within the next 2-6 months. Regional ultrasound coverage will also be expanding into other regionally affiliated hospital systems. This expansion of ultrasound and consultation services will allow us to effectively provide high-risk consultation for patients throughout the region, and assure timely referral for Maternal-Fetal Medicine and arranging transfer for delivery of patients needing Golisano Children's Hospital services.

MIDWIFERY DIVISION AND ROCHESTER ADOLESCENT MATERNITY PROGRAM



Michele Burtner, CNM, MS, IBCLC
Director of Midwifery Division
Senior Associate

Division Members: Michele Burtner, CNM, Tammy Farnham, CNM, Alexis Gee, CNM, Megan Hogan-Roy, CNM, Sarah Jensen, CNM, Pamela Jurich-Wright, CNM, Heather Lane, CNM, Caitlin LeGros, CNM, Melinda Pisaro, CNM, Holly Pranaat, CNM, Julana Spaulding, CNM, Jenney Stringer, CNM, Helene Thompson-Scott, CNM, and Jo Wrona, CNM

Clerical Staff: Faculty Practice: Tawni Biggins (Office Manager), Barb Williams, Ashlyn Sardisco, Travesha Howard.

Culver location: Deb Finnerty (Office Manager), Clarissa Breedlove, Mahogany Brewer, Mikeisha Gee (2017), Megan Scott (Office Coordinator).

Nursing Staff: Faculty Practice: Margaret Militello, RN, Jean Farruggia LPN, Shaunna Gurnett, RN, Isabella Vasquez, MA. Culver location: Edna Brinson, MA, Lakesha Colon, LPN, Chris Nice, RN, Beth Park, RN (lead), Anastasia Roelle, MA, Katherine Ruffo, RN, Cindy Schutt, RN, Keley Shannon, RN.

Social Work Staff: Audry Gropp, SW, Karen Rabish, SW, Dana Bowen, Financial counselor.

RAMP Staff: Betsy Crumb, dietician.

DEPARTURES AND ARRIVALS

Holly Pranaat, CNM joined our staff as a part-time midwife, having previously practiced in Portland, OR.

Sarah (Ludlow) Jensen, CNM returned to the midwife group, per diem status. She moved back to Rochester, NY after living and working as a midwife in NYC for the past 4 years.

Michele Burtner, CNM, IBCLC will step down from Division Director as of 7/1/18 after serving in the role for the past 5 years. She will be pursuing a Fellowship in Breastfeeding Medicine at the U of R. She will remain within the Midwifery Division, working in a reduced clinical capacity as her clinical focus will shift to Breastfeeding Medicine.

Heather Lane, CNM changed her status from Full time to part time status as of May 2018.

Melinda Pisaro, CNM announced she will change her status from full time to part time as of September 2018.

There has been an active ongoing National search for a new Division Director.

AMBULATORY CARE

Highland Hospital continues to run operations of the Culver Road site where the Midwifery division sees patients at 909 Culver Road co-located alongside the Community OB/GYN practice. Staff at Culver Road

is shared between the two practices of the Midwifery Group and COB. The RAMP program also functions under Midwifery, at this location. Centering pregnancy has been implemented by midwives at this site.

Midwifery Faculty practice patients are seen at our location at 125 Lattimore Road, Suite 200. This space and location has worked out well and has accommodated the growing volume that allows the midwives to care for women 5 days/week in the Faculty practice. Centering pregnancy has been initiated this year at the Lattimore location, and we became site certified for Centering at end of 2017. The Midwifery Division continues to be a part of the community-wide initiative to provide Centering (group prenatal care) to OB patients, which is being supported initially by a Perinatal Network Grant. Group care has been a long standing method of prenatal care (started by Beth Cooper) in the RAMP program, and has been successfully expanded to routine patients with this initiative.

This year the Midwifery practice completed nearly 12,000 outpatient visits. We continue to draw patients from the Southern Tier, and from all over the Rochester area, who are looking to attempt trial of labor after cesarean. We have also seen an increase in the number of patients who are seeking out midwifery care during trial of labor after two cesareans.

INPATIENT CARE AND CLINICAL OUTCOMES

The practice proudly completed 25 years of continuous care to RAMP and Midwifery patients in 2017. The data for birth outcomes over this period is presented below.

<i>UR MEDICINE MIDWIFERY DIVISION DELIVERY STATISTICS 1992- 2018</i>					
	<i>Spontaneous Vaginal</i>	<i>Assisted Vaginal</i>	<i>All C/S</i>	<i>TOTAL</i>	<i>%C/S</i>
92-93	110	3	14	127	12.4
93-94	145	9	21	175	12
94-95	168	13	16	197	8.1
95-96	219	20	23	262	8.8
96-97	221	11	27	259	10.4
97-98	234	20	24	278	10.3
98-99	286	15	29	330	8.8
99-00	310	16	28	354	7.9
00-01	346	11	30	387	7.8
01-02	382	4	38	424	9
02-03	421	10	59	490	12
03-04	442	11	60	513	11.7
04-05	469	19	62	550	11.3
05-06	432	24	64	520	12.3
06-07	506	26	93	625	16
07-08	484	36	97	617	17
08-09	413	22	91	526	14
09-10	439	24	80	543	17
10-11	428	19	82	529	15
11-12	366	20	84	470	17.8
12-13	428	14	62	504	12
13-14	491	24	88	603	15
14-15	533	8	82	623	13.2

15-16	532	13	90	635	14.1
16-17	521	20	83	624	16
17-18	549	23	74	646	11.5
TOTAL	9875	435	1501	11811	

EDUCATION

The midwives continue to cover during resident teaching at Strong Memorial Hospital once a week, as well as for CREOG exams and for resident's graduation activities. All midwives provide clinical teaching in labor and delivery of 3rd year medical students, Ob-Gyn, ED and FM residents. Midwives provide a lecture to the Ob/Gyn residents each year regarding physiologic birth. The Midwifery Division maintains the role of teaching the OB/GYN interns in the Birth Center at SMH, as well as half day in SMH OB triage as an addition to the SMH OB team.

Pediatric and Med-Peds residents doing a 2 week adolescent rotation frequently spend an afternoon in RAMP. Medical students doing their Primary Care Clerkship also rotate through the Lattimore office.

Midwifery students continue to seek our practice for clinical rotation in their distance learning Midwifery programs. Midwifery students are already committed for 2018-2019 and beyond.

The midwives also serve as preceptors for Family Nurse Practitioner students from the University of Rochester and St. John Fisher for ambulatory rotations. We have had some high school students (exploring Midwifery as a profession) shadow us this year.

RESEARCH AND PRESENTATIONS

The midwifery office is a location for study coordinators to recruit, and the midwives participate in the collection of blood and placentas at delivery, as needed.

Studies actively recruiting subjects and collected blood and placenta samples during the time covered by this report were:

1. Old Order Mennonites: Effect of Lifestyle on Allergic Diseases (RSRB 62632) PI: John Looney, MD and Kirsi Jarvinen-Seppo MD PhD
2. Old Order Mennonites: Effect of Lifestyle on Allergic and Autoimmune Diseases, Role of the Gut Microbiome in Preventing Allergic Disease (RSRB 52971) PI: John Looney, MD and Kirsi Jarvinen-Seppo MD PhD
3. UPSIDE (Understanding Pregnancy Signals and Infant Development) (RSRB 58456) PI: Thomas O'Connor and Emily Barrett, PhD
4. Comparison of Gabapentin and Metoclopramide for Treating Hyperemesis Gravidarum (RSRB 48512) PI: Lorelei Thornburg, MD
5. Vitamin D Dynamics in Pregnant and Non-Pregnant Women (RSRB 57617) PI: Eva Pressman, MD

Publications continue to be generated from the extensive study data collected from midwifery and RAMP clients.

HOSPITAL, MEDICAL CENTER, AND COMMUNITY COMMITTEES

Michele Burtner	<i>Division Director</i> Scheduling Coordinator for Division HH Breastfeeding Committee SMH/HH Credentialing and Privileging Committee L&D Service Team – SMH Community Grant Breastfeeding Committee UR Medicine Breastfeeding – Team member L&D Renovation Committee at HH Centering Steering Committee
Alexis Gee	HH Perinatal Review Committee Scheduling committee for Division NHSC loan repayment recipient
Pam Jurich-Wright	Colposcopy
Heather Lane	Education/Student Coordinator for Midwifery Division HH FMC Clinical Quality Committee L&D renovation Committee Centering Steering Committee
Jenney Stringer	Centering Coordinator RAMP Co-Coordinator
Helene Thompson-Scott	Colposcopy Founding Board member for Institute for Family-Centered Childbirth HH L&D renovation committee

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY



Kathleen M. Hoeger, M.D., M.P.H.
Division Director and Director, Strong Fertility Center
Professor of Obstetrics and Gynecology

The Faculty of the Division of Reproductive Endocrinology and Infertility also includes: Rajesh Srivastava, PhD, (Laboratory Director, Andrology and IVF Program through 8/3/18); Marlane Angle, PhD, (Interim Laboratory Director IVF Program); Scott LaPoint MD (Interim Lab Director Endocrine/Andrology) Shrenik Shah M.Sc. (Assistant Faculty Senior embryologist); Erin Scott MD, PhD (Assistant Faculty Embryologist), John T. Queenan, Jr., MD (IVF Medical Director); Vivian Lewis, MD; Wendy Vitek, MD (Director Fertility Preservation), Bala Bhagavath MD (Director Minimally Invasive Surgical

Fellowship, Director Donor Oocyte and Director of URM Center) and Erin Masaba MD (Physician Liaison to the Laboratory)

In 2017-2018, the Strong Fertility Center continued to expand our clinical offerings and focus on the clinical service. The division saw nearly 900 new patients, continuing our annual increases. We continued our consultation program with Associates for Women's Medicine in Syracuse offering evidenced based reproductive endocrine care to the Syracuse area with Drs. Hoeger, Masaba and Vitek providing services there. Our ultrasound program performed close to 8,000 studies. Additionally, we provided more than 10,000 endocrine assays onsite including estradiol, progesterone, LH/FSH and HCG studies with rapid turnaround for patients. We continue to actively promote the Fertility Center working with complementary therapies to our fertility program, including no fee Women's Behavioral Health services, and patient support groups. We had a first ever Fertility Based Weight Loss Program delivered by the Center for Healthy Living. The Women's Lifestyle Center continues to offer a team approach to the management of PCOS with nutrition and behavioral health support as complimentary to the medical management. The integrated Fibroid Center together with Imaging Sciences is actively growing providing consultation and surgical/intervention procedures. We have active research programs with ongoing participation in the Reproductive Medicine Network for infertility trials. Our research is also continuing in PCOS, research in the environment and reproduction and uterine myomas. The Reproductive Endocrine division continues to be actively involved in the OB/GYN residency, medical endocrine fellowship and medical student educational curriculums and clinical rotations, as well as providing ultrasound training for Emergency Medicine residents. We look forward to continued growth in both the clinical and research arms of the division as we continue to expand our services in the community.

PATIENT CARE

Our IVF program continues to improve its clinical offerings. We renewed our grant for participation in the New York State Infertility Demonstration Project and continued our lower cost package pricing to our IVF program to make this more affordable. We continue to look for options that improve access and affordability of IVF for couples who need our services including INVOcell, a lower cost vaginal incubation system for eggs and sperm. Our focus has been to increase the single embryo transfer rate so that we can provide high pregnancy rates **with low multiple pregnancy rates**. Additionally we have expanded the frozen embryo

transfer (FET) number as we have increased our preimplantation genetic testing offering. The success rates of our frozen embryo transfer program have risen with this addition, particularly in older women. Additionally we continue to offer preimplantation genetic diagnosis for couples with single gene defects. We have added Dr. Marlane Angle as our interim Lab director as we restructure our IVF lab for continued growth and improvements. Dr. Masaba has been appointed as our physician liaison to the laboratory bringing her prior lab experience from Cornell to improve our protocols and work flows. In addition to Shrenik Shah, we have added several senior embryologists on a temporary basis as we grow the IVF volume until we are fully hired—Jan Skoyen, Cara Larkin and David Heinkel are all contributing their talents as experienced embryologists to give us high quality results in the IVF lab. Erin Scott has joined us as an embryologist in training and are looking to hire a junior embryologist to fill our open position.

Our fresh oocyte donation program continues to expand under the directorship of Dr. Bhagavath and we continue to work with Fairfax Donor Oocyte bank for frozen oocytes. We continue to offer our program in fertility preservation offering counseling and IVF therapies for young reproductive aged patients facing cancer. Our outreach efforts allow us to connect with all the local cancer centers to allow information on fertility preservation to be included in patients' initial consultations for cancer therapy. Our preservation program, CARE (**C**hildbearing **A**fter **R**Ecovery) after cancer, successfully held our ninth fundraiser in March at the Oak Hill Country Club. It was very well received with a great showing by the community. The program included patient stories and an auction and was led by Doug Emblidge. The party and silent auction benefit raised more than \$25,000 for patient care for those needing fertility services. We also offer community outreach to the LGBT community through public health forums at Trillium health on clinical services available at Strong Fertility Center for this community.

We continue to offer hysterosalpingography (HSGs) at the Red Creek office so that patients can receive their work up and treatment all in one familiar location. This service has consistently been cited by patients as significantly reducing their anxiety around having this test performed and allows for flexible scheduling.

Our ovulation induction program continues to be successful. The pregnancy rates for women treated with clomiphene, letrozole and those for gonadotropins are included in Tables 1-4. Multiple births remain a concern with treatment and a focus for our practice to reduce to as low as possible a rate. We offer both donor and husband intrauterine insemination. Our andrology team is led by Dr. Scott LaPoint who also leads the endocrine lab. The team includes Rita Herko and Michelle Dibble, in addition to our embryology staff provide 6 day a week coverage for andrology and endocrine services.

We continue to expand the first robotic surgery program in the area focused on fertility surgery. These surgeries include fertility preserving myomectomies and tubal ligation reversals. Dr. Bhagavath is also active in the national arena for reproductive surgery. Nationally he is involved in the American Association of Gynecologic Laparoscopy (AAGL) leadership and is the president of the Society for Reproductive Surgeons SIG at ASRM. Dr. Bhagavath directs the Minimally Invasive Surgical fellowship in the Department, training graduates in advanced pelvic surgery. The URM Fibroid Center run by Drs. Bhagavath and Lee (of Imaging Sciences) the first of its kind in the area, offers the latest surgical and radiological treatments for uterine fibroids.

The Women's lifestyle center run by Dr. Hoeger continues to offer opportunity for nutrition and exercise instruction for women with Polycystic Ovary Syndrome interested in improving their chances for conception or improvement of their health with lifestyle modification. Women can meet with a certified nutritionist and behavioral health specialist experienced in treating patients with metabolic disease. The program operates out of our Red Creek site. Dr. Hoeger has also been actively engaged in the International PCOS Network and was a part of the recently published evidenced based International guidelines in PCOS and is working on translating this to communities in the US and around the world.

EDUCATION

The Reproductive Endocrine division continues to participate actively in resident and medical student education. Residents in their second year complete a total of 4 weeks of rotation in REI. The second year residents also prepared and presented didactics in REI subjects to REI faculty and staff at the conclusion of their rotation which they also presented to their fellow residents. Residents participate fully in the clinical practice meeting patients in consultation, performing US and HSGs and operations with REI faculty. Dr. Vitek has developed a curriculum for resident education during the 4 week rotation that includes completion of relevant ASRM education modules in REI. Additionally the division supports a rotation for the medical endocrinology fellowship program with the fellow attending clinic to learn specific aspects of reproductive endocrinology patient care. The division also supports pelvic ultrasound education for residents in the emergency medicine residency program by providing a hands-on rotation in transvaginal scanning. The division hosts 4th year medical students on elective.

Dr. John Queenan continues to provide oversight for the OB/GYN medical student special interest group. This group serves an important function in helping recruit students to our specialty. The interest group sponsors monthly sessions for students in a variety of formats: informal get-together, faculty lectures on career choices, panel discussions featuring residents and fellows. He has also served nationally on the PROLOG task force and a contributor to the Reproductive Endocrinology PROLOG.

Dr. Bhagavath is the director of the Minimally Invasive Surgical Fellowship and has modified and expanded the curriculum and the MIG fellow attends the biweekly Fibroid clinics. Dr. Bhagavath helped to organize the surgical simulation course for the residents along with faculty in GYN specialties and continues to develop the surgical curriculum. Dr. Queenan and Dr. Bhagavath actively participate in resident surgical simulation teaching. Dr. Queenan also instructs medical students in surgical and OB simulation.

Dr. Vitek has taken on a leadership role in medical school education. She currently is the director of the Men's and Women's Health block for the second year medical student course "Disease Process and Therapeutics". She is working closely with the faculty to enhance the curriculum moving forward. She also directs the basic science curriculum during the 3rd year clerkship with Dr. Fong.

Dr. Masaba has joined the Medical School Admissions Committee and is currently actively engaged in gearing up for the fall interview process. She continues to serve as our lab liaison and is active in developing new clinical protocols for IVF.

RESEARCH

Our research activities and publications continue to grow. The faculty in the division have national and international reputations in Reproductive Endocrinology research. Dr. Hoeger's research area of interest is in the metabolic and reproductive consequences of PCOS. She has an R01 in collaboration with Cornell focused on the correlation between ultrasound findings and metabolic status in PCOS. Additionally a collaboration is looking at the influence of melatonin on metabolic disruptions in PCOS with Mae Stone funding. Dr. Hoeger was appointed a member of the International Guidelines Committee on PCOS and is working on the translation of these published guidelines. We continue our affiliation with the NIH funded Reproductive Medicine Network with Dr. Hoeger as the site Principle Investigation.

Drs. Vitek and Bhagavath also have active development of research programs and have all received MaeStone Goode foundation funding to assist in these efforts. Dr. Vitek completed her research as an NIH funded Clinical Research/Reproductive Scientist Training (CREST) scholar resulting in multiple oral presentations and publications. She continues to collaborate with the CREST scholars and continues her

collaboration with Dr. Emily Barrett who is now at UMDNJ in environmental sciences. Dr. Bhagavath is the principal investigator on a Hologic study on menorrhagia and is developing new industry funding in myoma research.

NATIONAL/INTERNATIONAL PRESENTATIONS BY REI FACULTY

Dr. Hoeger

1. Main Program Speaker, ESHRE 33rd Annual Meeting, “Adolescent PCOS Diagnosis and Future Fate” Geneva, Switzerland- July 2017
2. ASRM Post graduate Course Chair, 2017 ASRM Annual Meeting. “Practical Management of PCOS from Fertility to Long term Health” San Antonio TX October 2017
3. ASRM Invited Debate “Should we use Oral Contraceptives in Obese Women” 2017 ASRM Annual Meeting San Antonio, TX October 2017
4. ASRM Invited Interactive Seminar “ Emotional Needs of Women with PCOS and Impact on Weight Management” 2017 ASRM Annual Meeting San Antonio TX October 2017
5. Phthalate exposure, reproductive hormones, and lifestyle behaviors in women seeking fertility care. A Pilato; C Chen; S Thurston; W Vitek; **K Hoeger**; E Barrett. Poster Presentation at the 73rd Annual ASRM Annual Meeting. San Antonio, TX October 2017
6. Ovarian morphology differs between PCOS and normoandrogenic anovulation despite both meeting the updated criteria for polycystic ovaries. Vanden Brink H, Jarrett BY, Kochman L, Joseph-Sohan MI, Guillaume-Abraham JE, Stubbs RE, Pereira N, **Hoeger KM**, Spandorfer SD, Lujan ME Oral Presentation at the 15th Annual Meeting of the Androgen Excess and PCOS Society, San Antonio, TX, October 26-28, 2017.

Dr. Queenan

1. ‘Gender Affirmation Surgery’ and ‘Medical and Surgical Management of Ectopic Pregnancy in 2018’ Medical Directors Council, **Planned Parenthood of America**, Snowbird, UT, February 22-24, 2018
2. “Manage and Prevent Complications of Laproscopic and Hysteroscopic Surgery”; “Hirsutism”, “PCOS”; “Diagnosis, Medical and Surgical Management of Ectopic Pregnancy.” “Reproductive Endocrinology Case Reviews”, **Columbus Comprehensive Review**, Columbus, OH. October 3-5, 2017.
3. “Ethical issues in the use of donor Sperm” **Ethics Grand Rounds**, University of Rochester Medical Center, Rochester, NY 9/29/17

Dr. Bhagavath

7. Roundtable Discussion Moderator "When to operate on fibroids for fertility", ASRM 2017 Annual Meeting, San Antonio, TX, October 2017 - 10/2017
8. Roundtable Discussion Moderator “When to operate on fibroids for fertility”, ASRM 2017 Annual Meeting, San Antonio, TX, October 2017
9. **Bala Bhagavath, MD**, Yolianne Lozada-Caprilles, MD, Divya Kumar, MPH, Miranda Harris-Glocker, MD, Diane Cunningham, MD, Rita Clement, MD, Nancy McKnight, MD. Novasure Global Endometrial Ablation Database Results. *Poster Presentation AAGL 46th Annual Meeting, National Harbor, MD, November 2017*
10. **Bala Bhagavath, MD**, Virginia Towle, RN, Sue Conner, RN, Divya Kumar, MPH, Katrina Nicandri, MD, Amy Benjamin, MD. Backfill of Urinary Bladder in the Operating Room Significantly Decreases Postoperative Urinary Retention: A Randomized Controlled Trial. *Poster Presentation AAGL 46th Annual Meeting, National Harbor, MD, November 2017*

11. Grand Rounds presentation: “Effective Presentation Skills” MedStarWashington Hospital Center and Georgetown Hospital Center/Georgetown University School of Medicine, Washington, DC, December 21, 2017
12. Grand Rounds presentation: “Fibroid Management in the 21st Century”, The George Washington University School of Medicine and Health Sciences, Washington, DC, February 14, 2018

Dr. Vitek

1. **Vitek W**, Barrett ES, Mbowe O, Thurston SW, Santoro N, Diamond MP, for the NICHD Cooperative Reproductive Medicine Network. Pre-conception allostatic load is not associated with diminished ovarian reserve among women with unexplained infertility. American Society for Reproductive Medicine Scientific Conference & Expo, San Antonio, October 31, 2017
2. **Vitek W**, Barrett ES, Mbowe O, Thurston SW, Santoro N, Diamond MP, for the NICHD Cooperative Reproductive Medicine Network. Pre-conception allostatic load is associated with pregnancy outcomes, but not fertility among women with unexplained infertility. American Society for Reproductive Medicine Scientific Conference & Expo, San Antonio, November 1, 2017

Dr. Lewis

1. “Making mentoring work: what the data tell us.” Keynote address. Annual Warner Reynold Leadership Academy. University of Chicago Biological Sciences Division; Chicago IL. Lewis V. 2017
2. “Productive Mentorship” Panel presentation for online educational series. Center for the Integration of Research, Teaching and Learning (University of Rochester): March 15, 2028

PUBLICATIONS

Dr. Hoeger

1. Kominiarek MA, Jungheim ES, **Hoeger KM**, Rogers AM, Kahan S, Kim JJ. American Society for Metabolic and Bariatric Surgery position statement on the impact of obesity and obesity treatment on fertility and fertility therapy Endorsed by the American College of Obstetricians and Gynecologists and the Obesity Society. *Surg Obes Relat Dis*. 2017 May;13(5):750-757. doi: 10.1016/j.soard.2017.02.006. Epub 2017 Feb 12. Review. PubMed PMID: 28416185.
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FUTURE PLANS

We are anticipating continued growth in our clinical offerings this year while we expand our efforts on continued IVF growth with our new IVF laboratory team. We are expanding our laboratory capacity to meet the community's need. We will continue to grow our outreach into Syracuse where we partner with Associates for Women's Health, a large private practice in Syracuse. Dr. Bhagavath will continue to grow and develop the Fibroid Center along with a sponsored national research program. We are a full breadth division of Reproductive Endocrinology and Infertility, serving as the only academic division in upstate New York. We look forward to continuing success.

Figure 1. IVF Livebirth from non-donor SART 2016

Preliminary Live Birth per New Patient, 2016

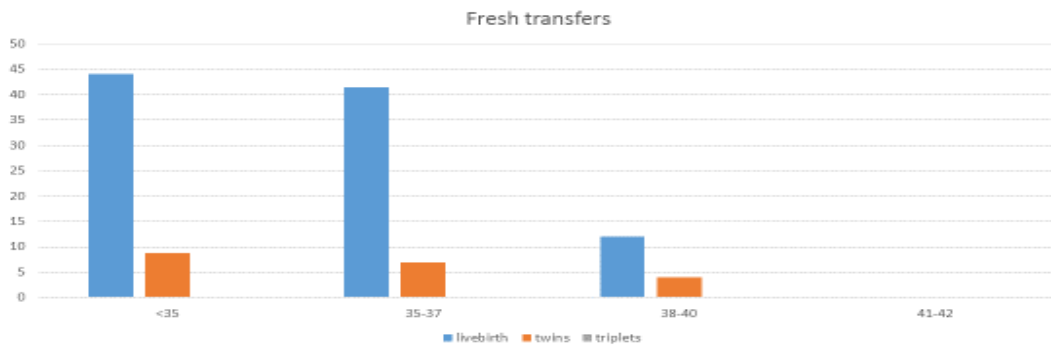


Figure 2. IVF Live birth rates from frozen embryos (nondonor), SART 2016

Frozen Embryo transfer livebirth rate, 2016

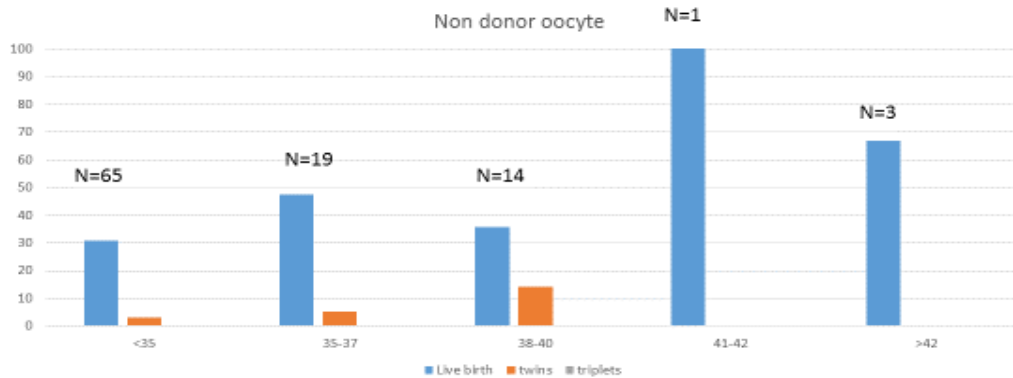


Table 1. Non IVF treatment cycles (with or without IUI, non donor) 2017

	Natural Cycle	Clomiphene	Letrozole	Gonadotropins
Total cycles	109	359	254	310
Ongoing Pregnancies	15	40	61	58
% ongoing	10.1%	8.3%	20.1%	12.5%

Table 2: Donor Sperm IUI , ongoing pregnancy 2017

	Natural	Clomiphene	Letrozole	Gonadotropins
Total cycles	57	74	23	39
Ongoing pregnancies	11	13	3	8
Percent viable pregnancy	17.5%	12.2%	13.0%	15.4%

Table 3: Age and Fertility non IVF treatment, ongoing pregnancy incl donor 2017

	<40 yrs				>40 yrs			
	Natural	CC	Letrozole	FSH	Natural	CC	Letrozole	FSH
Number of cycles	153	383	265	293	13	52	12	57
Number of pregnancies	25	52	64	58	1	1	0	9
Percent ongoing	7.2%	10.2%	20.4%	13.3%	0%	0%	0%	10.5%

Table 4. % Multiple pregnancy per viable pregnancy with ovulation induction 2017

	CC	Letrozole	Gonadotropins
Twins	12.5%	8.2%	15.2%
Triplets	0	0	1.5%
Quadruplets	0	0	0

UROGYNECOLOGY AND RECONSTRUCTIVE PELVIC SURGERY



Erin Duecy, M.D., M.S.

Associate Professor and Division Director

Director of Female Pelvic Medicine and Reconstructive Surgery Fellowship Program

The Division of Urogynecology and Reconstructive Pelvic Surgery faculty also includes: Paula Doyle, MD (Assistant Professor), Pamela Wigent, NP, Toy Gee Lee, MD (3rd year fellow in Female Pelvic Medicine and Reconstructive Surgery through 6/30/2018), and Derrick Sanderson, DO (1st year fellow in Female Pelvic Medicine and Reconstructive Surgery). Gunhilde Buchsbaum, MD, MBA

retired as Professor of Obstetrics and Gynecology & Urology in January 2018 after more than 20 years at the University of Rochester.

DIVISION MEMBERS

Gunhilde Buchsbaum, MD, MBA completed medical school at the St. Louis University Medical School and residency training at Beth Israel Deaconess Medical School. She completed her fellowship in FPMRS at the University of Rochester School of Medicine and subsequently re-established the fellowship in 2003, fostering it through ABOG and ACGME accreditation. Dr. Buchsbaum served as the Division Director from 2003 to the time of her retirement. As part of her leadership role, she completed an MBA at the Simon School of Business and mentored faculty and trainees in the department and institution in the business of medicine and career development. Dr. Buchsbaum maintained an active research portfolio including numerous publications, national & international presentations, and grant leadership. She remains active at the University of Rochester as a Professor Emeritus.

Erin Duecy, MD, MS completed medical school at the Medical College of Virginia/Virginia Commonwealth University and residency training & FPMRS fellowship at the University of Rochester School of Medicine. She has been active in graduate medical education, serving as the OB-GYN residency program director from 2010 to 2017 and assuming the role of FPMRS fellowship director in 2017. At the institutional level she is working as the Assistant Associate Dean for Graduate Medical Education for Surgical Training Programs.

Paula Doyle, MD completed medical school & residency training at the University of Texas Medical Branch in Galveston and FPMRS fellowship at the University of Rochester School of Medicine. She has a special interest in research and development and currently serves as the Director of Research for the FPMRS fellowship and Co-Director for the OB-GYN residency training program. As part of this interest Dr. Doyle is also a partner in a new company developing surgical instruments incorporating near-infrared imaging technology.

Pamela Wigent, NP has focused her career in Women's Health since completing her MS Nurse Practitioner degree at the University of Rochester School of Nursing in 1989. She has developed an expertise in conservative management of urinary incontinence and pelvic organ prolapse and in the diagnosis and

treatment of painful bladder syndrome. She is dedicated to training nursing and NP students, OB-GYN residents, and Family Medicine residents in these aspects of Urogynecology.

Toy Gee “Annie” Lee, MD completed medical school at Texas Tech University Health Sciences Center and residency training in OB-GYN at the University of Texas Medical Branch in Galveston. After completion of her fellowship, she will be returning to the University of Texas Medical Branch as an Assistant Professor in Obstetrics and Gynecology. She will be starting her clinical practice, teaching, and establishing a basic science lab to continue her research in ultrasound evaluation of cyclophosphamide-induced cystitis in mice.

Derrick Sanderson, DO completed medical school at Lake Erie College of Osteopathic Medicine and residency training in OB-GYN at University of Buffalo. After residency he completed a one-year fellowship in Minimally Invasive Gynecologic Surgery before starting his FPMRS fellowship.

PATIENT CARE/CLINICAL SERVICES

The Division maintains a busy clinical mission focused on the evaluation & treatment of pelvic organ prolapse, urinary & fecal incontinence, and associated pelvic floor disorders. Our surgical practice incorporates vaginal and laparoscopic/robotic approaches as well as operative cystoscopy and neuromodulation implantation procedures. Each of our providers is active in all aspects of FPMRS practice but special interests have developed, increasing focus on development and improvement of systems to address these interests. For example, Dr. Doyle is leading our group’s efforts in advanced treatment for urge urinary incontinence including development of a common bladder care pathway and establishing a formal system for post-op care, follow-up, and treatment optimization for patients undergoing advanced therapies such as neuromodulation. As a second example, Dr. Duecy is developing a Quality Improvement program focused on protocol development & outcomes assessment aimed at ensuring a consistent focus on delivering high-quality, safe, and cost-effective FPMRS care. Early efforts have focused on moving nearly 100% of our surgical patients to outpatient status, streamlining peri-operative planning, and post-op pain management aimed at minimizing use of narcotic pain medications.

These efforts are occurring within the context of our continued multi-specialty collaboration with Urology & Colorectal Surgery for Adult Pelvic Health & Continence Care. While this collaboration extends to all FPMRS, Urology, and Colorectal faculty, our primary partners have been Dr. Gareth Warren (Urology), Shawna Hyland, NP (Urology), and Dr. Jenny Speranza (Colorectal Surgery). Protocol development, documentation standardization, and outcomes assessment have been developed in concert and resulted this year in our first collaborative presentations and publications. As part of this clinical collaboration we have also focused on optimizing systems for transgender care within our group. Under the leadership of Dr. Doyle and Warren, referral systems complementary to and augmenting current community resources have been established, including a partnership with Dr. Dmitriy Nikolavsky of Syracuse, NY who provides gender affirmation surgery and a network of physicians and surgeons in the Rochester area to ensure efficient and supportive access for our patients. As our collaborative care efforts have matured, we have also partnered with Dr. Amy Benjamin who specializes in Chronic Pelvic Pain & Minimally Invasive Gynecologic Surgery to ensure a cohesive approach to evaluation and management of pelvic pain allowing us to provide initial care to patients with pain conditions according to a common protocol.

EDUCATION

The division of Urogynecology remains committed to excellence in education at all levels of medical care, including medical care providers and patients. Division members have roles in both clinical teaching and administration of education.

- Dr. Duecy is the FPMRS Fellowship Director and member of the URMCM Graduate Medical Education Committee. She also serves as the Assistant Associate Dean for Graduate Medical Education for Surgical Training Programs. In this role she leads the Clinical Learning Environment Working Groups on Wellbeing and Supervision and assists with the GME administration for all surgical training programs under Diane Hartmann, the Associate Dean for Graduate Medical Education. As part of the GME team, she is an active member of the ACGME Pursuing Excellence in Clinical Learning Environments: Pathway Innovators Grant which is driving transformative improvement in Quality Improvement & Patient Safety education at URMCM as a national model.
- Dr. Doyle is the Director of Research for the FPMRS fellowship and Co-Director for the OB-GYN residency training program. As the FPMRS Research Director, she has mentored fellows through development and completion of their fellowship theses and helped them build a body of work in preparation for an independent research career upon graduation. In her residency role she has helped residents identify research mentors & resources, maintain forward momentum to completion of their required scholarly activity, and presided over a highly successful annual research day.

All third year residents in Obstetrics and Gynecology complete a 3rd year rotation in Outpatient Urogynecology in our clinical office, receiving training in the evaluation and conservative management of pelvic floor disorders. Resident surgical experience in pelvic reconstructive and continence procedures occurs during the Inpatient Gynecology rotation, primarily at Strong Memorial Hospital and to a lesser degree at Highland Hospital. Residents at all levels participate in the surgical care of our patients, with early experiences aimed at learning basic surgical skills and understanding of anatomy & procedures. Senior residents have the opportunity to take the primary surgeon role in most vaginal procedures and for laparoscopic hysterectomies. Members of the division of Urogynecology participate in the resident core curriculum lecture series, offering lectures on pelvic floor disorders and peri-operative physiology & care of the geriatric patient, and in medical student lectures during the core clerkship. Physician faculty are also consistent preceptors at resident surgical simulation sessions including experiential learning in cystoscopy, sling placement, and oral boards practice. We have seen a growth in interest in FPMRS experience for other medical specialties and routinely have medical students, residents from Family Medicine, Urology, & Internal Medicine, and Geriatrics fellows with us in the office.

FPMRS fellowship education remains a primary focus for the Division. We continue to take a fellow every other year into our 3-year training program; in the 2017-18 academic year we prepared to graduate Dr. Toy Gee “Annie” Lee and welcomed Dr. Derrick Sanderson as our first year fellow. In June 2018, Dr. Lee completed her fellowship in excellent standing and returned to University of Texas as clinical faculty and to establish a new basic science research lab to continue her thesis work. She successfully presented and defended her fellowship thesis: *High Definition Ultrasound for the Monitoring of Cyclophosphamide Induced Cystitis in the Murine Model*. Dr. Derrick Sanderson has embarked upon a thesis evaluating a new method for evaluating patient outcomes after conservative treatment for urinary incontinence and has applied for grant funding for a multi-site study with contributors from Duke University and University of Buffalo. In Spring 2018, we entered recruitment season for our next fellowship opening in July 2019. We received an increased number of applications than in previous recruitment periods and from a variety of well-qualified applicants from around the country. We were very pleased to match Dr. Diego Hernandez-Aranda from the University of Puerto Rico.

Past Fellows:

- 2006: Erin Duecy, MD, MS. University of Rochester, Rochester NY.
Thesis: Long-term outcomes and patient satisfaction after colpocleisis.
- 2008: James Pulvino. MD. Riverside Methodist Hospital Center for Female Continence & Reconstructive Surgery, Columbus, OH.
Thesis: Voiding Dysfunction in the postoperative period following placement of the TVT.

- 2010: Anna McNanley, MD. Park Nicollet Health Service Adult & Pediatric Urology, Maple Grove, MN.
Thesis: Inherited Pelvic Organ Prolapse in the Mouse: Preliminary Evaluation of a New Murine Model.
- 2012: Varuna Raizada, MD. Scripps Health, La Jolla, CA.
Thesis: Serial changes in pelvic floor dimensions during pregnancy and their effects on parturition: A prospective study.
- 2014: Paula Doyle, MD. University of Rochester, Rochester NY.
Thesis: Intravesical Chondroitin Sulfate Instillations in Acute Radiation Cystitis: a Mouse Model.
- 2016: Amy Collins, MD. United Health Service, Apalachin, NY.
Thesis: Do anxiety traits predict subjective short-term outcomes following prolapse repair surgery?

RESEARCH

Faculty physicians of the division are active in research both directly and through administrative roles and we anticipate current efforts will be evident with increased presentations and publications over the next 1 to 3 years. Dr. Doyle is a Scientific Member of the Research Subjects Review Board. Dr. Duecy is a participant investigator on the ACGME Pursuing Excellence in Clinical Learning Environments: Pathway Innovators Grant. Dr. Lee's fellowship thesis has been submitted for publication and Dr. Sanderson has completed his thesis protocol and submitted a grant application.

PRESENTATIONS AT SCIENTIFIC MEETINGS

Duecy EE, Hartmann, DM. Wellness Assessment and Support for Residents in the Academic Disciplinary Process: Update on Outcomes. Poster. ACGME Symposium on Physician Wellbeing, Chicago. IL. October 2017.

Sanderson DJ, Eddib A. Sigmoid Epiploica Interposition during Robotic Vesicovaginal Fistula Repair. Video Presentation. American Urogynecologic Society 37th Annual Meeting. Providence, RI. October 2017.

Lee, TG, Lipetskaia L. Sacral Neuromodulation in a Neurogenic Bladder Patient. Video Presentation. American Urogynecologic Society 37th Annual Meeting. Providence, RI. October 2017.

Sanderson DJ, Gutierrez CA, Shu M, Eddib A. Robotic Total Hysterectomy with Uterosacral Ligament Plication Compared to Robotic Total Laparoscopic Hysterectomy. American Urogynecologic Society 37th Annual Meeting. Providence, RI. October 2017.

Sanderson DJ, Cleason D, Sanderson R, Seaman C, Ghomi A. Manual Morcellation Compared to Power Morcellation during Robotic Myomectomy. Poster. 46th AAGL Global Congress on MIGS; Washington D.C. November 2017.

Sanderson DJ, Malczewski S, Osman M, Eddib A. Outpatient Morbidity associated with Concomitant High-Uterosacral Ligament Plication at the Time of Robotic Total Hysterectomy. 46th AAGL Global Congress on MIGS, Washington D.C. November 2017.

Lee TG, Doyle P, Zou L, et al. Ultrasound Imaging for the Monitoring of Cyclophosphamide Induced Cystitis in the Mouse Model. Poster. NIDDK NIH Individualizing Treatment for Urinary Incontinence: Individualizing Treatment Plans. Bethesda, MD. February 2018.

Lee TG, Doyle P, Schor R, et al. Ultrasound Imaging of Murine Cystitis. Poster. NIDDK NIH Individualizing Treatment for Urinary Incontinence: Individualizing Treatment Plans. Bethesda, MD. February 2018.

Lee TG, Doyle P, Wood R. Murine Voiding Data Collection System. Poster. NIDDK NIH Individualizing Treatment for Urinary Incontinence: Individualizing Treatment Plans. Bethesda, MD. February 2018.

Lee TG, Sanderson D, Speranza J. Robotic Assisted Ventral Rectopexy for Rectal Prolapse Using Biologic Mesh. Video Presentation. Society of Gynecologic Surgeons 44th Annual Meeting. Orlando, FL. March 2018

Shu MK, Fan K, **Sanderson DJ**, Karikari K, Eddib A. Robotic Sacrocolpoperineopexy Compared to Robotic Sacrocolpopexy with Vaginal Prolapse Repair. Oral Presentation. Society of Gynecologic Surgeons - 44th Annual Scientific Meeting, Orlando, FL. March 2018.

Duecy EE, Hartmann DM. Supervision Challenges: Local Intelligence focuses the battle plan. Poster. ACGME Annual Educational Conference, Orlando, FL. March 2018.

PUBLICATIONS

Collins AF, Doyle PJ, Vilasagar S, Buchsbaum GM. "Utility of anterior vaginal wall length measurement in vaginal reconstructive surgery." International Urogynecology Journal. 2017;28 (8):1197-1200.

Sanderson DJ, Sanderson R, Cleason D, Seaman C, Ghomi A. Manual morcellation compared to power morcellation during robotic myomectomy. J Robot Surg. 2018 Jun 15 Epub ahead of print.

Myer ENB, Petrikovets A, Slocum PD, **Lee TG**, Carter-Brooks CM, Noor N, Carlos DM, Wu E, van Eck K, Fashokun TB, Yurteri-Kaplan L, Chen CCG. [Risk factors for explantation due to infection after sacral neuromodulation: a multicenter retrospective case-control study.](#) Am J Obstet Gynecol. 2018 Apr 6.

Lee T, Sanderson D, Doyle P, Buchsbaum G. Anaphylactic shock after intravenous fluorescein administration for intraoperative cystoscopy. Obstet Gynecol 2018;131(4):727-729.

FUTURE PLANS

The Division has gone through a number of personnel changes over the last year, notably the retirement of Dr. Buchsbaum and transition of divisional leadership to Dr. Duecy. Additionally, Dr. Doyle has decreased to 50% clinical time to allow her to focus on her research & development endeavors. We were very pleased to recruit Dr. Jenifer Byrnes as our newest faculty member. She completed her OB-GYN residency at SUMMA Health in Akron, OH and her FPMRS Fellowship at the Mayo Clinic in Rochester, MN. She will be starting in August 2018. We will be recruiting for a 4th faculty member and a 2nd nurse practitioner within the next year or two.

We will continue to evaluate and optimize our collaborative practice with Urology & Colorectal Surgery and embarking on our first efforts at building a strong Quality Improvement program emphasizing evidence-based clinical protocols and outcomes evaluation. Urology has expanded its presence at our clinical site and we expect this to continue to grow; optimal collaborative care opportunities with Colorectal Surgery are being evaluated. Three abstracts resulting from our collaborative practice will be presented this coming year at AUGS and manuscripts have been submitted. We anticipate continued growth in joint

research endeavors, notably continued experience with PROMIS data and Dr. Sanderson's fellowship thesis focusing on patient outcomes after conservative management of incontinence.

The FPMRS fellowship continues to evolve. We anticipate continued growth of the research program under Dr. Doyle's leadership. With an eye to better preparing our fellowship graduates for academic careers in a rapidly changing academic medicine environment, we are adding options for educational tracks allowing time & resources for focused scholarly activity and development in Research, Education & Teaching, or Quality Improvement Science. This opportunity is aimed at helping fellows identify career niches early and develop relevant skill sets to smooth the transition to a faculty position.

EDUCATIONAL PROGRAMS

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

MEDICAL STUDENT EDUCATION



Colby A.H. Previte, M.D.
Medical Student Education Director and Clerkship Director

Medical Education Team also includes:
Donna Darby
Medical Student Education Coordinator

Education in Women's Health is evident in all four years of medical school at our institution. Current goals for the education program are to increase medical student recruitment into the field of Obstetrics and Gynecology, improve clinical education starting with the earliest exposure to women's health care in the URSMD curriculum, improve the quality of teaching, and improve faculty development.

MEDICAL STUDENT RECRUITMENT IN OB/GYN

At URSMD the number of students choosing the field of Obstetrics and Gynecology has remained between 3-10 students yearly over the past decade, with the number of students matching into Ob/Gyn listed below:

Year of Graduating Class	Students Matching in Ob/Gyn
2008	10
2009	3
2010	4
2011	7
2012	8
2013	4
2104	5
2015	5
2016	6
2017	3
2018	9

Nine students in the Class of 2018 chose Ob/Gyn as a career choice and successfully matched. These students and match sites are listed below.

Class of 2018

Karen Chong	U New Mexico SO
Kendall Cunningham	Geisinger Health Systems – PA
Adam Evans	University of Rochester/Strong Memorial – NY
Jinhee Oh	Pennsylvania Hospital
Corrie Poelman	St Joseph Hospital SCL Health – CO

Gabriela Raffuci Planell	St. Luke's University Hospital – Bethlehem – PA
Margaret Schoeniger	University of Rochester/Strong Memorial – NY
Vienna Tran	U Wisconsin Hospital and Clinics
Heather Valenzuela	Tripler AMC – HI

During the fall of 2018, four students from the University of Rochester School of Medicine and Dentistry are applying to residency programs in Obstetrics and Gynecology. The four students are interviewing at programs across the country.

INTEREST GROUP

Our Department also gives the students an additional opportunity to become familiar with our field through the Ob/Gyn Interest Group in Year 1 and Year 2. Dr. John Queenan has been the faculty coordinator for the Interest Group, which is comprised of approximately 40 medical students from both Year 1 and Year 2. The meetings take place in a relaxed setting designed to inform students of what we do and how enjoyable it can be as obstetricians and gynecologists. Some topics presented focus on “a day in the life of an Ob/Gyn,” Labor and Delivery, Reproductive Health, and Residency Match in Ob/Gyn. We have had mixers in which students, Ob/Gyn residents and faculty meet to introduce ourselves and our field.

TEACHING RECOGNITION

Although one of our aims is to improve the quality of teaching, amongst our colleagues there are exceptional teachers. Our department annually recognizes one outstanding faculty member with the APGO Excellence in Teaching Award, given to a faculty member who demonstrates excellence in teaching in undergraduate medical education. This faculty member is chosen based upon review of the third year clerkships students' evaluations of faculty members. Last year's recipient is listed below.

2018 APGO Excellence in Teaching Award—Marwa Ibrahim, M.D.

At URSMD, there are student nominated and selected teaching awards for professors and faculty across the preclinical and clinical years. Each of the recipients are nominated by medical students, and then the students at each year level vote upon the nominees. This year, members of the department were honored with the following awards.

The <i>Arnold P Gold Foundation Humanism Resident Teaching Award</i> , selected by the URSMD Class of 2019 and awarded to residents who have served as positive role model in their humanistic approach patients.	Jillian Dodge, DO PGY2, Academic Year of 2017-2018
The <i>Herbert W. Mapstone Prize for Excellence in Second Year Teaching</i> , awarded by the URSMD second year class, recognizing members of the faculty for excellence in second year teaching.	Loralei L. Thornburg, MD Associate Professor of Obstetrics and Gynecology
<i>Commendations for Third Year Teaching</i> , selected by the URSMD Class of 2019 and awarded to one of two UR Medicine faculty members yearly who have provided excellence in clinical and didactic teaching across the third year clerkships.	Colby A. H. Previte, MD Associate Professor of Clinical Obstetrics and Gynecology

WOMEN'S HEALTH CURRICULUM AT THE U OF R MEDICAL SCHOOL

The Double Helix Curriculum (DHC) is an educational trademark of the U of R Medical School. It emphasizes the integration of basic science and clinical science through self-directed, adult learning methods. Our department has implemented these changes successfully throughout the four years of medical school. Many educational techniques introduced through the DHC are utilized in the Women's Health Curriculum, including interest group, lectures, workshops, integration conferences, problem-based learning, early clinical experiences in private offices, and clerkship and specialty electives.

1st Year students

Clinical skills training starts in the first year of medical school. The Department of Obstetrics and Gynecology has implemented the curriculum changes throughout the four years with ongoing modifications of the Double Helix Curriculum as it pertains to Obstetrics and Gynecology.

The first year medical students are introduced to the principles of examining the female patient in the course Introduction to Clinical Medicine. This introduction to the breast and pelvic examination has been purposely integrated to simultaneously coincide with the student's education of the female pelvic anatomy. Students are prepared with an introductory lecture and video of the breast and pelvic examination as first year students.

INTEGRATION CONFERENCE: Male/Female Genitourinary Anatomy and Examination – November/December

Dr. Colby Previte presents a didactic session on female anatomy and basics of the female breast and genitourinary examination, including breast examination, breast cancer screening recommendations, sterile speculum examination, culture and cervical cytology obtainment, cervical cancer screening recommendations, saline microscopy, and bimanual examination. This didactic session is followed by small group sessions with plasticized models of the breast and pelvis. In small group sessions, the students practice manipulating a speculum, and performing examinations. In 2017, Dr. Courtney Olson-Chen participated as the second small group leader with Dr. Previte. (The male GU didactics are conducted by Dr. William Hulbert of Urology.)

INTEGRATION CONFERENCE: Introduction to Cervical Cancer Screening – April

In addition, the first year students have a 2½ hour conference referred to as the Integrated Conference in which core objectives of the curriculum are taught—Nutrition, Preventative Care, Ethics and other principles. Our Department teaches an Integrated Conference on Cervical Cancer screening.

Drs. Eugene Toy and Sharlin Varghese introduce first year students to cervical cancer screening, management of abnormal pap smears and cervical cancer and recent vaccine technologies developed for cervical cancer prevention. The integration conferences are 2½ hour sessions incorporating didactic sessions and clinical-pathology correlates in a small group setting.

2nd Year Students

INTEGRATION CONFERENCE ON CONTRACEPTION – LATE FALL OR MID-SPRING

Our Department teaches one of these conferences in the area of Contraception and the other is taught by Family Medicine in the area of Human Sexuality. The Integrated Conference on Contraception is one hour of general overview of epidemiology and contraceptive methods. The other two hours are composed of small group sessions on individual methods, the usage indications, and risk/benefit counseling. Dr. Sarah Betstadt is the coordinator.

PRIMARY CARE CLERKSHIP (PCC)

FEMALE BREAST/PELVIC EXAMINATIONS OF STANDARDIZED PATIENTS – AUG-OCT

The second year class is introduced to a standardized patient on whom they perform a breast and pelvic examination. An experienced preceptor, either a nurse midwife or physician, gives them direct, hands-on instruction and feedback. In 2017 the faculty preceptors included 5 midwives, 8 resident physician, 5 MFM attending physicians, 8 Generalist attending physicians (3 from SMH Ob/Gyn Generalist division, and 5 from HH Ob/Gyn Generalist division), and 1 REI attending physician. The instruction takes place as a small group setting with 2-3 students, one preceptor, and one standardized patient. These sessions are on Monday evenings in the Women's Health Center at Lattimore Road.

At the completion of the Ob/Gyn portion of PCC, the students take an examination that covers topics of Ob/Gyn, including breast and pelvic examinations, Well-Woman Care, Preconception Care, Vaginitis, Abnormal Uterine Bleeding, Abortion, and Recurrent Miscarriage. These questions are written by Dr. Previte and Dr. Anne Nofziger, Course Director for the Primary Care Clerkship.

DISEASE PROCESSES AND THERAPEUTICS 2 – FEBRUARY

The second year students are taught the principles of Obstetrics and Gynecology in second half of the second year. This course is referred to as the Integrated Systems B. Dr. Wendy Vitek has taken over as coordinator of the Obstetrics and Gynecology curriculum for this course. Several faculty members of our department give the core lectures on maternal and fetal physiology, normal menstrual cycle, normal and abnormal sexual development—just to name a few. In addition, the students have four obstetrical cases in a course referred to as the Disease Processes and Therapeutics. The ratio of student to preceptor is approximately 25 to 1. The cases were designed to incorporate concepts and principles taught in the Integrated Systems.

3rd Year Students

The third year students complete a 5-week clinical Obstetrics and Gynecology clerkship with students working at one of three clinical sites – Highland Hospital (University of Rochester), Rochester General Hospital (Rochester Regional Health), or Strong Memorial Hospital (University of Rochester). These five weeks are divided into one week of day Obstetrics, one week of Night Float, two weeks of Gynecology (with at least one week of benign gynecology, and oncology offerings at the Highland and Rochester General sites), and one week of Ambulatory. The students are required to take and pass the NBME (National Board of Medical Examiners) examination specific to Obstetrics and Gynecology.

Updates to the clerkship in the 2017 – 2018 academic year included:

- Continued initiatives pertaining to professional development of the students, including instruction on how to elicit constructive feedback in an effective manner, and how to handle situations with multiple different personalities.
- Focused review of clerkship feedback with faculty at each of the clinical sites. These sessions included troubleshooting solutions to common clerkship weaknesses. Following review and assessment of feedback data, the clerkship team (site directors and clerkship administration) identified areas for improvement, and worked with department leadership at all three clinical sites for shared improvement. Site-specific developments include:
 - Highland Hospital, where Dr. Colby Previte is Site Director, incorporated the following efforts for student experience improvement:
 - Continued development of nursing education to improve partnership with medical students at the bedside, on the units, and in the operating rooms,
 - Faculty development with regard to incorporating students in the operative setting,
 - Highland Hospital Department of Ob/Gyn City-Wide Grands Rounds was presented by Dr. Nancy A. Hueppchen, MD, MSc, Associated Dean for Undergraduate Medical Education: “*Coaching... Formerly Known as Feedback.*”
 - Following this Grand Rounds, Dr. Colby Previte and Dr. Nancy A. Hueppchen led additional didactic session for residents and faculty entitled, “*Engaging Medical Students (Mastering Excellent Teaching Skills).*”
 - Rochester General Hospital, where Dr. Rehan Asif is Site Director, incorporated students into the newly developed Oncology Resident Team to broaden the surgical exposure of the students.
 - Strong Memorial Hospital clerkship site, where Dr. Kristen Burhans is Site Director, incorporated changes to the Ambulatory experience as well as the GYN Surgical service weeks to improve continuity with teams.
- Focused teaching to the Ob/Gyn residents at the University of Rochester and Rochester General Hospital residency programs regarding teaching, learning, and feedback for medical students.
- Communication with faculty regarding clerkship expectations, clerkship objectives, and manners in which patient histories and physical examinations by medical students can be incorporated into clinical care and observed by faculty.
- Continuation of Chair Rounds, clinical rounds with the department chair, Dr. Eva Pressman, at all three clinical sites, focusing on observation of students obtaining histories and performing clinical examinations.
- Continued inter-professional partnership at Highland Hospital and Rochester General where students work with clinicians from Family Medicine, and partner clinically with APP’s (NP, PA, and CNM) in the Ob/Gyn departments.

After the 5-week clerkship ends, the students then have one week of basic sciences of Ob/Gyn in the format of lectures, debates, problem-based learning, and hands-on laboratory time. This week is part of a two week block, pairing basic science concepts in both Ob/Gyn and Pediatrics. This block is co-directed by Drs. Wendy Vitek and Chin-To Fong.

The site coordinators for the third year clerkship are:

- Highland Hospital – Colby Previte, M.D.
- Rochester General Hospital - Rehan Asif, M.D.
- Strong Memorial Hospital – Kristen Burhans, M.D.

3rd Year/4th Year Students

There are several student electives and Sub-Internships for which student are eligible after completion of their third year Ob/Gyn clerkship. The electives include: Ambulatory, Family Planning, Gynecologic Oncology, Maternal Fetal Medicine, and Reproductive Endocrinology. There are two possible Sub-Internships: Ob/Gyn and Maternal Fetal Medicine. Students also have the opportunity to design electives, tailored to their clinical interests, choosing to work with physicians with a particular area of Ob/Gyn expertise.

The Course Directors for these electives are:

- Ambulatory – Katrina Nicandri, M.D.
- Family Planning – Sarah Betstadt, M.D., Amy Harrington, M.D., Natalie Whaley, M.D.
- Female Pelvic Medicine and Reconstructive Surgery – Erin Duecy, MD (available as a student-created elective)
- Gynecologic Oncology – Sajeena Thomas, M.D.
- Maternal Fetal Medicine – Lisa Gray, M.D. (may be taken as elective or Sub-Internship)
- Reproductive Endocrinology – John Queenan, M.D.

The Course Directors for the Sub-Internships are:

- Maternal Fetal Medicine – Lisa Gray, M.D.
- Ob/Gyn Sub-Internship – Kristen Burhans, M.D.

Our department has put forth a tremendous effort in the education of medical students of all four years. We will continue to strive to improve the education program through continually improving upon teaching, and finding ways to engage students and spark their interest in Obstetrics and Gynecology.

Rochester Institute of Technology Physician Assistant Program

The University of Rochester partners with the Rochester Institute of Technology Physician Assistant Program in clinical education of physician assistant students. Current goals for the education program are to increase interest in women's health as a potential field, improve educational experiences through exposure and quality of teaching in our field, and increase physician assistant student recruitment into the field of Obstetrics and Gynecology. In the academic year 2017-2018, two RIT-PA students completed their Ob/Gyn clinical rotation at Highland Hospital. This clinical rotation is scheduled in the final year of the RIT Masters PA Program.

The PA students complete a 5-week clinical Obstetrics and Gynecology clerkship. These five weeks are divided into one week of daytime Obstetrics, one week of Night Float, one week of Gynecology and two weeks of Ambulatory.

Updates to the clerkship include those listed in the preceding section, as well as the following specific physician assistant student clerkship updates:

- Updated orientation materials with more streamlined reference materials,
- Updated primary clinical and didactic resources,
- Updated surgical and anatomic teaching resources,
- Updated objective tracking form, used for monitoring breadth and scope of clinical exposure in the 5 weeks to ensure students have appropriate clinical opportunities,
- Updated PA student clerkship evaluation form.

RESIDENCY EDUCATION PROGRAM

The 2017/2018 academic year ended with the welcoming of a new group of first year residents who bring to the program a diverse set of experience and talents:

Name	Medical School
Alyssa Adkins, MD	University of South Carolina School of Medicine Greenville
Adam Evans, MD	University of Rochester School of Medicine and Dentistry
Emily Leubner, MD	Sidney Kimmel MC at Thomas Jefferson University
Miriam McQuade, MD	University of California, Irvine, School of Medicine
Alexandra Morell, MD	Jacobs SOM and Biomedical Sciences at the Univ. at Buffalo
Lauren Paraison, MD	University of Texas School of Medicine at San Antonio
Margaret Schoeniger, MD	University of Rochester School of Medicine and Dentistry
Kaylee Underkofler, MD, MPH	Tufts University School of Medicine

Current residents were once again integral to the recruitment process by sponsoring informal applicant meetings in their homes the evening before each interview day. There continues to be diversity among the applicant pool with 76% of invited applicants coming from medical schools outside of New York State. Significant faculty exposure in the form of the division directors meeting with all applicants to discuss the program as well as large number of faculty conducted interviews has been noted as a strong point by many applicants.

The Advisory Committee on Education in Obstetrics & Gynecology (ACE) continued to serve as an excellent forum for discussion of important residency program issues. Faculty representatives from Highland Hospital as well as resident representatives, Katherine Congelosi, MD and Alecia Fields, DO (administrative chiefs) and Jillian Dodge, DO and Katrina Heyrana, MD (third year representatives) met regularly throughout the year to address many issues including quality improvement, simulation, learning objectives, the evaluation process, and curriculum development.

Resident Research Day took place in May 2018 and again our 3rd year residents presented a wide variety of interesting and important projects. Graduation for the chief residents included a family picnic and concluded with the annual Chief Resident Dinner and Awards Ceremony held at Casa Larga in June.

Amy R. Harrington, M.D.
Ob/Gyn Residency Program Director

RESEARCH DAY ACTIVITIES

May 10, 2018

RESEARCH PAPERS AND PRESENTATIONS

Resident Papers:

“Depression and contraceptive choice in the postpartum period”

Presented by Katherine Congelosi, MD

“Implementing a social determinants of health curriculum into OBGYN residency”

Presented by Alecia Fields, DO

“Healthy motherhood: Teenage pregnancy prevention in the US affiliated Pacific Island of Pohnpei, Micronesia

Presented by Laura Hanks, MD

“Laparoscopic sacrospinous ligament transection for treatment of pudendal nerve entrapment syndrome

Presented by Olivia Higgins, MD

“Knowledge, behaviors, and reproductive hormones related to phthalate exposure among women seeking fertility care.”

Presented by Alexis Pilato, MD

“ADAPT: A novel on-line simulation game that promotes knowledge of maternal and fetal physiology among medical students”

Presented by Rachelle St Onge, MD, MPH

“Handheld point-of-care ultrasound for gynecologic pathology: a pilot study for low resource settings”

Presented by Marika Toscano, MD, MS

“Impact of direct abdominal trauma on pregnancy outcomes”

Presented by Phoebe Whalen, MD

38th ANNUAL JEROME H. RUDOLPH MEMORIAL LECTURE

“Follow the Patient: The Many Ways That Obesity Affects Female Reproduction”

Presented by Nanette Santoro, MD

E. Stewart Taylor Endowed Chair

Professor; Division of Reproductive Endocrinology

Secondary Appointment, Division of Reproductive Sciences

University of Colorado School of Medicine

Denver, Colorado

RESIDENTS' HONORS AND AWARDS

Administrative Chiefs for 2017/2018:

Katherine Congelosi, MD and Alecia Fields, MD

William Clay Award

Established in 1995, this award is in recognition of the intern who has demonstrated outstanding skills as a teacher and compassionate physician as exemplified by the life and career of Dr. William Clay, Jr.

Recipient: **Katelyn J. Carey, MD, MPH**

Ward L. Ekas Award

Established in 1968, this award is in recognition of the resident who has demonstrated characteristics of leadership among his/her peers.

Recipient: **Haley M. Meyer, MD**

Faculty Awards

Established in 1973 by the interns and residents in the Department of Ob/Gyn, this award is in recognition of a faculty member for his/her excellence in teaching and his/her interest in the professional development of the house staff.

Recipients: **Katina Foster, MD** (Highland Hospital)
Marit Sheffield, MD (Strong Memorial Hospital)

Richard E. Fullerton Award

Established in 1995, this award is in recognition of the second year resident who has demonstrated outstanding skills as a teacher and compassionate physician as exemplified by the life and career of Dr. Richard E. Fullerton.

Recipient: **Rachel O'Connell, MD**

Curtis J. Lund Awards

Established in 1972, these awards are in honor of Dr. Curtis J. Lund. The earnings from the Lund Fund are to be used as prize money for the winning scientific papers presented by the house staff each year on research day.

1st place winner: **Rachelle M. St. Onge, MD**

2nd place winner: **Marika A. Toscano, MD., MS**

3rd place winners: **Katherine A. Congelosi, MD**

The Obstetrical Perinatology Awards

Established in 1982, this award is in recognition of the Ob/Gyn nurse who has demonstrated interest, compassion and a progressive attitude toward the care of complicated obstetrical patients.

Recipient: **Bonnie Walden, MS., RNC-OB**

Established in 1982, this award is in recognition of the Ob/Gyn resident who has demonstrated interest, compassion and a progressive attitude toward the care of complicated obstetrical patients.

Recipient: **Marika A. Toscano, MD, MS**

The Obstetrics and Gynecology Department Award

Established in 2010, in recognition of the Ob/Gyn resident who has consistently demonstrated excellence in teaching of medical students and fellow residents.

Recipient: **Jessica E. Mitchell, MD, MSc**

Gilford Woodrow Wilson Memorial Award

Established in 1999, this award is in recognition of the resident who has consistently displayed the compassion to his or her patients that was displayed towards Fletcher and Hollis Wilson during Gilford's life.

Recipient: **Laura R. Hanks, MD**

The Oncology Resident Award

In recognition of the Obstetrics-Gynecology Resident who has demonstrated high achievement in Gynecologic Oncology on the CREOG In-Training Examination.

Recipient: **Jennifer Leone, MD**

Society of Gynecologic Oncology

To promote excellence in the care of women at risk for or affected by gynecologic cancer through advocacy, education, research and inter-disciplinary collaboration.

Recipient: **Jennifer Leone, MD**

The Reproductive Endocrinology Award

Given to the resident who demonstrates, through interaction, teaching and/or testing, a superior understanding of Reproductive Endocrinology, an excellent performance on his/her Reproductive Endocrinology rotation, and the highest standards for care of patients with Reproductive Endocrinology and Infertility concerns

Recipient: **Arti A. Taggar, MD, MPH**

The Urogynecology Award

In recognition of the Senior Resident in Obstetrics and Gynecology who has demonstrated outstanding understanding of the concepts of normal function and of bladder and pelvic organ support; who further has demonstrated the ability to apply these concepts to the evaluation and the treatment of patients with incontinence and pelvic organ prolapse, and who, therefore, shows great promise to further the care of women with these conditions in general practice or as a specialist.

Recipient: **Katherine A. Congelosi, MD**

OTHER AWARDS/OPPORTUNITIES DURING 2017/18:

AAGL Resident of Excellence in Endoscopic Procedures Award

This award is presented annually by the American Association of Gynecologic Laparoscopists (AAGL) to a chief resident who has special excellence in endoscopic procedures.

Recipient: **Mary N.W. Towner, MD**

The American Congress of Obstetricians and Gynecologists (ACOG) District 2 Section 10 Junior Fellow Chair

Katrina Heyrana MD

The American Congress of Obstetricians and Gynecologists (ACOG) District 2 Section 10 Junior Fellow Vice Chair

Sheila Flaum, DO

APGO Excellence in Teaching Award

This award is given by the Association of Professors of Gynecology and Obstetrics (APGO) and the Department of Obstetrics and Gynecology in recognition of excellence in teaching with an emphasis on undergraduate education.

Recipient: **Marwa Ibrahim, MD**

CREOG 2018 National Faculty Award for Excellence in Resident Education

This award is given by the Council on Resident Education in Obstetrics and Gynecology (CREOG) in recognition of excellence in resident teaching.

Recipient: **Kristen Burhans, MD**

The Arnold P. Gold Foundation Humanism in Resident Teach Award

Recipients are selected by the 4th year medical school class as a resident who most “contributes to the humanistic development of medical students.”

Recipient: **Alecia Fields, DO**

The Society of Laparoendoscopic Surgeons 2018 Outstanding MIS Resident Award

This award is given the Society of Laparoendoscopic Surgeons (SLS) for the resident surgeon who has shown outstanding achievement and promise in the field of minimally invasive surgery.

Recipient: **Haley M. Meyer, MD**

The Society of Maternal Fetal Medicine Award for Excellence in Obstetrics

This award is given to a resident who best exemplifies the qualities of the vision of the Society of Maternal Fetal Medicine (SMFM) to improve pregnancy and perinatal outcomes.

Recipient: **Marika Toscano, MD**

The 2018 Conventional Laparoscopic Olympics Recognition

This award is given to the resident(s) who demonstrate interest and continuity in practicing and acquiring different conventional laparoscopic skills.

Recipients: **Olivia Higgins, MD**
Matthew Gevelinger, MD
Rachel O'Connell, MD
Cheryl Chu, MD

The 2018 Ryan Program Resident Award

This award is given to the resident who best exemplifies the dedication to service, training and education in family planning.

Recipient: **Tiffany Abreu, MD**

SCHOLARLY ACTIVITY

PUBLICATIONS—Class of 2018

Miller L, **Towner M**. Pregnancy physiology-effects on immune and nervous systems in neurology disease in pregnancy. Eds: Ciafaloni, Bushel, Thornburg. Oxford University Press USA. In press.

Ring B, **Flaum S**, Ramirez KG, Chescheir NC. Connect the Dots. Obstetrics & Gynecology. 2017 October; 130(4):908-909. PMID:28885408 Dio:10.1097/ AOG.0000000000002274.

Nwabuobi C, **Towner M**, Towner J, Seligman N. Subependymal giant cell astrocytoma (SEGA) associated with tuberous sclerosis complex in pregnancy. The Journal of Reproductive Medicine. In press.

Towner M, Glantz JC. History and trends of cesarean sections. Peri-FACTS Ob-Gyn Academy, January, 2017.

ORAL PRESENTATIONS/POSTERS—Class 2018

<p>Oronce CI, Yan C, Towner M, Nagel D, Pietropaoli A. Early empiric plasmapheresis in acute fatty liver of pregnancy may offer benefit even when the diagnosis is unclear. Poster presentation. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.</p>
<p>Toscano M, Olson-Chen C, Pekman L, Li D, Dye T. Women with preterm birth are less likely to receive antenatal contraceptive counseling. Poster presentation. Society for Reproductive Investigation Annual Meeting, San Diego, CA, March 9, 2018.</p>
<p>Pekman L, Krueger D. TORCH infections in pregnancy. Oral Presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, March 8, 2018.</p>
<p>Meyer J, Leone J. Contemporary hormonal contraception and risk of breast cancer. Oral presentation. Journal Club, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, January 25, 2018.</p>
<p>Towner M, Black J. Wound healing, suture material and surgical instrumentation. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, November 2, 2017.</p>
<p>Pekman L, Toscano M. PTL/PPROM & disparities. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, August 31, 2017.</p>
<p>Towner M. Outcomes of gyn malignancies & disparities. Oral Presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, August 24, 2017.</p>
<p>Leone J. ACA-predictions, reality & future endangerment. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, July 27, 2017.</p>
<p>Mitchell J. Burnout & wellness in the context of caring for patients with poor social determinants of health. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, July 20, 2017.</p>
<p>PUBLICATIONS —Class of 2019</p>
<p>Higgins O, Benjamin A, Greenburg K, Vitek W. Successful oocyte cryopreservation after testosterone administration in a transgender man with chronic pelvic pain. Submitted to Journal of Assisted Reproduction and Genetics.</p>
<p>Higgins O, Lozada Y, Tran V, Benjamin A, Carrillo J. Laparoscopic sacrospinous ligament transection for the treatment of pudendal nerve entrapment syndrome. Submitted to AAGL Global Conference on MIGS.</p>
<p>Underwood J, Fields A, Conway EM, Chescheir NC. Connect the Dots. Obstetrics and Gynecology 2017 Nov; 130(5):1155-1156. PMID:29016502.</p>
<p>Turk JK, Preskill F, Fields A, Landy U, Steinauer JE. Exploring how residents who partially participate in family planning training determine</p>

their level of participation. *Womens Health Issues*. 2017 Sep – Oct;27(5):614-6199. PMID:28442189.

ORAL PRESENTATIONS/POSTERS —Class 2019

Toscano M, Olson-Chen C. Zip code matters: An ecological study of preterm birth in Rochester, New York. 2018 Annual Clinical and Scientific Meeting, Austin, TX, April 28, 2018.

Toscano M, Olson-Chen C, Pekman L, Li D, Dye T. Women with preterm birth are less likely to receive antenatal contraceptive counseling. Society for Reproductive Investigation Annual Meeting, San Diego, CA, March 9, 2018.

Chu C, Whalen P. Meis progesterone trial. Oral Presentation. Journal Club, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, February 22, 2018.

Pilato A, Congelosi K. Pathophysiology of preeclampsia. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, February 1, 2018.

Higgins O, Scott E. Ovarian embryology. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, November 9, 2017.

Pilato A 1, Chen C 2, Thurston S 2, Vitek W 1, Hoeger K 1, Barrett E 1,3. Phthalate exposure, reproductive hormones, and lifestyle behaviors in women seeking fertility care. Poster presentation. American Society for Reproductive Medicine, San Antonio, TX, October 28-November 1, 2017.

1 – Department of Obstetrics and Gynecology, University of Rochester School of Medicine and Dentistry

2 – University of Rochester, Department of Biostatistics and Computational Biology

3 – Rutgers University, Department of Epidemiology

O’Connell R, Hanks L. Zika risk and pregnancy in clinical practice. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, October 5, 2017.

Toscano M, St. Onge R. PCOS/Hirsutism. Oral presentation. Resident program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, September 7, 2017.

Pekman L, Toscano M. PTL/PPROM & disparities. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, August 31, 2017.

Fields A. Health literacy. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, August 10, 2017.

Hanks L. Historical & scientific abuses leading to disparities, Part I. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, July 6, 2017.

PUBLICATIONS —Class of 2020

Heyrana K , Olson-Chen C. Herpes simplex virus in pregnancy. Per-FACTs OB/GYN Academy, July, 2018.
Aredo J, Heyrana K , Karp B, Shah J, Statton P. Relating chronic pelvic pain and endometriosis to signs of sensitization and myofascial pain and dysfunction. Seminars in Reproductive Medicine, 2017, 35(1) 88-97.
ORAL PRESENTATIONS/POSTERS —Class 2020
Krueger D . Androgen excess/PCOS. Oral presentation. University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, Rochester, NY, June 14, 2018.
Taggar A . Amenorrhea. Oral presentation. University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, Rochester, NY, May 31, 2018.
Gevelinger M . Recurrent pregnancy loss. Oral presentation. University of Rochester Medical Center, REI Division, Rochester, NY, May 31, 2018.
O’Connell R . Infertility. Oral presentation. University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, Rochester, NY, May 24, 2018.
Scott E . PMS/PMDD. Oral presentation. Resident presentation, University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, Rochester, NY, May 17, 2018.
Heyrana K . Galactorrhea/hyperprolactinemia. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, Rochester, NY, April 5, 2018.
Dodge J . Normal steroid biosynthesis. Oral presentation. University of Rochester Medical Center, Department of Obstetrics and Gynecology, REI Division, University of Rochester Medical Center, Rochester, NY, March 29, 2018.
Pekman L, Krueger D . TORCH infections in pregnancy. Oral Presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, March 8, 2018.
Whinston E , Carey K. Neural tube defects. Oral Presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, March 1, 2018.
Whinston E . Mullerian anomalies. Oral Presentation. University of Rochester Medical Center, REI Division, Rochester, NY, February 15, 2018.
O’Connell R , Hanks L . Zika risk and pregnancy in clinical practice. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY , October 5, 2017.
Dodge J , Tagger A . Hepatic complications in pregnancy. Oral presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, September 21, 2017.
Scott E . Disparities in assisted reproduction. Oral presentation. Grand Rounds. University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, August 17, 2017.

Heyrana K. Historical & scientific abuses leading to disparities, Part II. Oral presentation. Grand Rounds, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, July 13, 2017.

PUBLICATIONS —Class of 2021

Miller L, Link H, **Carey K**, Seligman N. 214: Reducing buprenorphine dose during pregnancy leads to improved neonatal outcomes. American Journal of Obstetrics and Gynecology. 2018 January 218(1), supplement:S141-142.

Miller L, Link H, **Carey K**, Seligman N. 215: Lower dose of buprenorphine at delivery is associated with improved neonatal outcomes. American Journal of Obstetrics and Gynecology. 2018 January 218(1), supplement:S142.

ORAL PRESENTATIONS/POSTERS —Class 2021

Blackman AM, Miller MC, Eklund E, Messerlian G, Strongin R, Moore RG. The utility of additional ovarian cancer biomarkers to the dual marker combination of HE4 and CA-125 for the detection of cancer. Poster presentation. Society of Gynecologic Oncology Annual Meeting, New Orleans, LA, March 23-27, 2018.

Whinston E, **Carey K**. Neural tube defects. Oral Presentation. Resident Program, University of Rochester Medical Center, Department of Obstetrics and Gynecology, **Rochester, NY**, March 1, 2018.

Chu C, Whalen P. Meis Progesterone Trial. Oral Presentation. Journal Club, University of Rochester Medical Center, Department of Obstetrics and Gynecology, Rochester, NY, February 22, 2018.

FF THOMPSON HOSPITAL

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

FF THOMPSON HOSPITAL

PATIENT CARE

FF Thompson continues to provide care to low-risk obstetrical patients, although we are experiencing the same health issues in our patients as in the general public, with an increase in obesity, diabetes, drug abuse, and high blood pressure. The hospital's census remained stable through May, 2018, with a dramatic increase in June and July. We are on target to do over 7000 deliveries in 2018, for the first time since 2006. The Canandaigua Medical Group became a Thompson practice in 2018, and our total of providers with delivery privileges is currently six OB/GYNs, three Certified Nurse Midwives, and one Family Practitioner.

In 2016, FF Thompson received Advanced Certification from The Joint Commission as a Center of Excellence for Perinatal Care. We are expecting an on-site review for re-certification in August or September, 2018. FF Thompson remains the only certified center in New York State outside of NYC, and one of 56 in the United States. The hospital was also recognized for the third year in a row as an Excellus Blue Center of Distinction +, citing the zero rate of unindicated early elective deliveries, low rates for primary cesarean section and episiotomy, as well as the provision of cost-effective care.

Our breastfeeding rate remains consistently above 80%, and HCAHPS customer satisfaction scores are consistently above the 90th percentile.

EDUCATION

A robust program of experiential learning using simulation and de-briefing continues, this year again repeating shoulder dystocia simulation to involve new nurses and providers. Neonatal Resuscitation will be completed in November, 2018, for all providers and nurses.

The nurses continue to participate in GNOSIS, a learning platform offered through APS and supported by our risk retention group, MCIC. They will re-take the fetal monitoring assessment and complete the learning path in 2019. The OB/GYN providers will be adopting the GNOSIS education, and completing the competency verification or certification, as required by MCIC.

The hospital continues to host nursing students from three area colleges, and is a popular site for local high school students interested in a career in healthcare to have internships.

FUTURE PLANS

We expect to re-certify with the Joint Commission in August, 2018, and are working on submissions for our Magnet re-designation in 2019.

The hospital will be adding an OB/GYN provider to the Victor Family Practice Office this fall, and plans to open an office in Geneva in 2019.

HIGHLAND HOSPITAL

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

**(REPORT NOT SUBMITTED FOR
THIS YEAR)**

RESEARCH

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

RESEARCH DIVISION

DEPARTMENT HIGHLIGHTS

- ◆ 23 New Grants in the Department with anticipated total costs of \$1,361,146
- ◆ 101 Active NIH and non-NIH Grants in the department with total costs of \$20,402,144
- ◆ 25% of the total faculty members are PI on a grant
- ◆ 21% of the clinical faculty members are PI on a grant

RESEARCH DIVISION HIGHLIGHTS FOR 2017 – 2018:

1. **29 Peer-Reviewed Publications** in journals including: A Journal of the NYS Academy of Family Physicians, American Journal of Medical Genetics, American Journal of Obstetrics and Gynecology, American Journal of Public Health, American Journal of Reproductive Immunology, Arthritis & Rheumatology, BMC Bioinformatics, BMC Medical Informatics and Decision Making, Crisis, Drug Safety, Global Health Action, Global Health Research and Policy, Journal of Biomedical Informatics, Journal of Clinical and Translational Science, Maternal and Child Health Journal, Placenta, PLoS One, Reproductive Sciences, Science & Diplomacy: American Association for the Advancement of Science, Teratology Primer, The Lancet Global Health.
2. **6 New Grants in the Research Division**
 - Timothy Dye \$128,166 from the New York State AIDS Institute for “Component C: Resource Center for Excellence – CME Credits
 - Timothy Dye \$85,502 from Health Research Inc. for “Retention and Adherence”
 - Megan Falsetta Wood \$28,000 from the National Vulvodynia Association for “Discovery of New Agents to Treat Vulvar Vestibule Pain”
 - Wyatte C Hall \$77,000 from NIH for “Investigating Key Biopsychosocial Factors that Mediate Lifespan Management of Prelingual Deafness”
 - Jahron Marriott \$1,500 from the Center for Community Health for “Partnership for Pregnancy and Birth Among Jamaican Families in Rochester”
 - Jose Perez-Ramos and Timothy D. Dye \$9,987 from the Ob/Gyn Department Pilot Awards for “A pilot mHealth intervention to prevent ZIKV among women in a remote Puerto Rican community”
3. **1 AWARD**
 - TIM DYE- RECIPIENT OF THE 2018 UNIVERSITY OF ROCHESTER SCHOOL OF MEDICINE AND DENTISTRY FACULTY DIVERSITY AWARD

FACULTY

In 2017-2018, **Emily S. Barrett, Ph.D.** continued her primary appointment at the Rutgers School of Public Health (NJ) where she is Associate Professor of Epidemiology and Anthropology. She remains on the faculty at University of Rochester School of Medicine and Dentistry, where she serves as an Adjunct Associate Professor of Obstetrics and Gynecology and Public Health Sciences. Dr. Barrett continues to lead the Understanding Pregnancy Signals and Infant Development (UPSIDE) study (R01HD083369), which examines how prenatal anxiety affects child development with a particular focus on sex differences. Dr. Barrett and collaborators continued to work on an

extension of this study through the NIH's Environmental Influences on Child Health Outcomes (ECHO) initiative. Dr. Barrett and collaborators capitalized upon UPSIDE's strong infrastructure and rich biospecimen/data repository to obtain two additional spin-off R01s in spring 2018. The first (R01NR17602; funded by NINR) will follow mothers participating in the UPSIDE study through the postpartum period, looking immune, endocrine, and metabolic profiles in relation to weight changes during this critical life stage. This research will provide insight into how pregnancy and the postnatal period shape women's long term health trajectories. A second R01 (R01ES029275, funded by NIEHS) will focus on environmental exposures (particularly to the heavy metal cadmium) and relation to children's growth, with an emphasis on the role of the placenta.

In addition to her work on the UPSIDE study, Dr. Barrett continued to lead the Rochester center for The Infant Development and Environment Study II (TIDES II; R01ES016863). The study started recruiting pregnant women in 2010 and has followed their children ever since. In this phase of the study, the team is investigating whether phthalates, a class of endocrine-disrupting chemicals, affect certain aspects of brain development. Through additional NIH ECHO funding (UG3OD023271, UG3OD023305, both awarded in 2016), the TIDES team is now examining additional classes of chemical exposures as well as metabolic outcomes in participating children.

In 2017-2018, Dr. Barrett published five manuscripts in leading journals including Human Reproduction and Psychoneuroendocrinology, with additional papers in press and under review. Dr. Barrett serves on the editorial board of two leading journals, Fertility and Sterility and Hormones and Behavior and in 2018, became an Associate Editor at Human Reproduction. She continues to sit on the NIH-funded Environmental Health Sciences Center faculty at URMC and mentor Ob/Gyn resident research projects. Dr. Barrett remains a trainer on URMC's NIH-funded T32 training program, Training in Environmental Health Biostatistics as well.

Timothy De Ver Dye, Ph.D. is Associate Chair for Research in Ob/Gyn and Professor of Obstetrics and Gynecology, Pediatrics, and Public Health Sciences. He is a perinatal epidemiologist with a particular interest in how social determinants interact with medical factors in pregnancy, especially in the global context. Dr. Dye is keenly interested in creating large-scale datasets accessible to maternal and child health researchers, and that promote the integration of biological insight with clinical and social interventions. Dr. Dye, an elected Fellow of the American College of Epidemiology, has extensive experience in global maternal and child health, having collaborations in more than 20 countries throughout the world. His recent publications reflect this diverse range and include reviewing the scope of breast and cervical cancer research in developing countries, deconstructing notions around unintended pregnancy among Native Hawaiians, evaluating risk of diabetes during pregnancy, and developing statistical methods to understand DNA methylation. Dr. Dye, a Fellow and Chartered Geographer with the Royal Geographic Society (London), is an elected Fellow of the American College of Epidemiology. Dr. Dye currently serves as Editor-in-Chief of the Maternal and Child Health Journal, which publishes public health, obstetrics, gynecology, prenatal medicine, pediatrics, and neonatology research and serves as an advisor to several international NGOs. Dr. Dye directs the University of Rochester's Translational Biomedical Science PhD program and is PI of the NIH-funded Predoctoral Training Program (TL1) for the CTSI. Finally, Dr. Dye is PI of and directs the CDC's Global and Territorial Health Research Network Coordinating Center, the NYS AIDS Institute's Clinical Education Initiative, and the NIH-funded MundoComm program in Latin America, all based at the University of Rochester.

Richard K. Miller, Ph.D. is Director of MotherToBaby URMedicine (Teratogen Information Service for New York and Indiana), which has just been renewed for 5 years by US-HRSA and is

Co-Director of the Finger Lakes Children's Environmental Health Center (NYS Center of Excellence in Children's Environmental Health), which also has just been renewed for 5 years. He is co-PI with Dr. O'Connor and Emily Barrett, PhD, Carolyn Salafia, MD, MS, Philip Katzman, MD, Hy Simhan, MD on an UPSIDE/ECHO study that is studying the implications of prenatal stress on pregnancy and childhood outcomes. One of the objectives is to develop biomarkers in the placenta of future risk for childhood and adult disease by evaluating the human placenta. This NIH ECHO study is complemented by a recently NIH funded 5 year study in Beijing, China designed to understand the impact of air pollution on pregnancy and pregnancy outcome studying 600 pregnant women throughout their pregnancies and following mother and baby. The study is being conducted with David Rich, PhD, Jim Zhang, PhD, Tim Stevens, MD, Sally Thurston, PhD. Since similar biospecimens and patient information are being collected for both the Rochester ECHO and the CHINA Babies Study, we are hoping to understand in two different air quality environments, the biomarkers of exposure and effect on mother and baby. Additional investigations at URM C with Drs. Lauren Miller, Katzman, Darrah and Stodgell are also investigating the relationship between Magnetic Resonance Imaging with gadolinium contrast agents and the placental levels of Gd and potential effects on the pregnancy and newborn funded by the RW and MS Goode Fdn, which has been an outgrowth from the NIH-National Children's Study project. Also, preliminary studies are exploring the non-invasive methods for evaluation of placental pathology in pregnancy using Ultrasound and MR elastography as a functional method to determine placental fetal vascular branching with Drs. Parker, McAleavey, Doyley, Dombroski, Stodgell, Wood, Carroll-Nellenbach, Katzman, Thornburg, Pressman, Salafia, Wang and Zhong from URM C and the School of Engineering. Stefanie Hollenbach, MD MBE, is working with him on ultrasound, elastographic assessments of the placenta for her doctoral thesis project. In addition, Sandra Jee, MD will be beginning a two year Environmental Fellowship with Dr. Miller as part of the Finger Lakes Children's Environmental Health Center. Finally, Dr. Miller is the dysmorphologist and member of the Scientific Advisory Boards for the US Ribavirin Pregnancy Registry, for the Genentech MoTHER Pregnancy Registry and for the international GSK Belimumab Pregnancy Registry. He is also a member of the scientific review board for TERIS, the on-line Teratogen Information Service. Dr. Miller was invited to give a Special Presentation; Teratology Society, Clearwater, Florida, June, 2018 Title: Teratologist – Integrating Roles as Basic Scientist to Clinical Scientist and was an invited Lecturer, Teratology Society, Clearwater, Florida, June, 2018 Title: Roles of Placentae as an Anchor, Conduit and Controller during Pregnancy: Implications across Species; also for Society of Toxicology, San Antonio Texas, March 11, 2018; Title: Disposition and Toxicity of Xenobiotics in the Placenta throughout Pregnancy; Grand Rounds Speaker: Occupational Medicine, University of Rochester, Rochester, New York, January 4, 2018, Title: Occupational Exposures and Pregnancy: A Balancing Act! Dr. Miller is Chair of the International ENTIS-OTIS Scientific Research Consortium and member of the OTIS Research Committee. At URSMD, Dr. Miller is Section leader and lecturer in the Reproductive and Developmental Toxicology Section of Toxicology 522 and Course Director for Toxicology 530 (Reproductive and Developmental Toxicology). He is involved with medical students in all four years. Dr. Miller published four papers and four abstracts in *Teratology Primer, Environmental Research, Drug Safety, Placenta, ISES-ISEE*.

Shawn P. Murphy, PhD, and his research team, **Courtney Olson-Chen MD** and **Erica Sloma** are studying immunity and infection within the human placenta. This unique organ plays multiple critical roles in successful pregnancy, including gas and nutrient exchange, and protection of the genetically distinct fetus from infection and maternal immune-mediated destruction. The primary goal of our group is to gain a deeper understanding of how the genetically distinct placenta avoids destruction by the maternal immune system, while simultaneously preventing infections by pathogens that can cause devastating consequences such as miscarriage, congenital birth defects, in utero growth restriction and/or preterm birth. We previously developed a whole mount

immunofluorescence (**WMIF**) method, which enables us to study infection of the placenta, and interrogate cell signaling in the major placental cell types within morphologically intact placental tissue.

Dr. Olson-Chen has been studying the capacity of lymphocytic choriomeningitis virus (LCMV) and vesicular stomatitis virus (VSV) to infect the human placenta across gestation. She has found that placentas from the 1st trimester of pregnancy are significantly more susceptible to VSV infection compared to early 2nd trimester and term. VSV infection was observed in the villous cytotrophoblast and stroma, but not the syncytiotrophoblast, suggesting that VSV can circumvent the syncytiotrophoblast barrier in 1st trimester placentas, but the placental barrier to infection becomes more stringent as gestation progresses. We previously utilized WMIF to identify the specific placental cell types that respond to interferons (IFNs), which are pro-inflammatory cytokines that play critical roles in activating immune responses to tumors, viruses and intracellular bacteria. Thus, Dr. Olson-Chen subsequently determined that pretreatment of 1st trimester human placentas with type I or type III interferons (IFNs) activates an antiviral state and thus protects the placenta from viral infection. Together, her results suggest that: 1) the ability of the human placenta to resist infection matures as gestation progresses, and 2) differential production and/or responses to IFNs over gestation play a role in relative susceptibility of the placenta to viral infections. Since viral infections during pregnancy are associated with devastating consequences, these studies have important implications for protecting the developing fetus from the consequences of infections during pregnancy. The associated manuscript has been submitted and is currently in revision.

Erica Sloma has been utilizing the WMIF method to extend the studies of IFN responses within the placenta by examining target proteins that are activated in response to IFN exposure, and further characterizing the specific placental cell types that respond to IFNs.

Dr. Murphy has also begun collaborating with **Dr. Martha Susiarjo** in the Department of Environmental Medicine to study the functions and regulation of indoleamine 2,3-dioxygenase-1 (IDO-1) and IDO-2 in the human placenta. In studies of pregnant mice, IDO-1 was previously shown to play a critical role in preventing the maternal immune system from rejecting the semi-allogeneic fetus. However, although both IDO-1 and IDO-2 are expressed at the human fetal-maternal interface, there are significant gaps in our knowledge regarding the mechanisms governing IDO expression and the precise functions of these genes.

Ian Perry successfully completed his PhD studying the capacity of *Salmonella* to infect the human placenta. Dr. Perry's utilized ex vivo assays of placental tissue to demonstrate that *Salmonella typhimurium* (*S.Tm*) can infect human placental explants from all stages of pregnancy tested, but infections are restricted to the outer syncytiotrophoblast layer that is exposed to maternal blood. However, once the bacteria invade the syncytiotrophoblast, they do not replicate. These results suggest that the syncytiotrophoblast functions as a barrier to infections by *Salmonella*, preventing transmission to the fetus. A future critical goal is to delineate what goes awry during pregnancies in which *Salmonella* infection is associated with pregnancy complications such as miscarriage or preterm birth. Dr. Perry's thesis work was submitted for publication and is currently being revised in response to the reviews.

Jay E. Reeder, Ph.D. Dr. Reeder is investigating the genetics of recurrent superficial bladder cancer in collaboration with Dr. Edward Messing of the Department of Urology. Superficial bladder cancer patients have a high risk of developing additional bladder tumors after initial resection. They are studying the mutations found in multiple tumors to better understand the relationships between them and the impact of therapy on bladder cancer recurrence utilizing

specimens from a large multi-institutional clinical trial. Dr. Reeder is collaborating with Drs. Paula Doyle and Ronald Wood in developing near-infrared fluorescence imaging technology for use in surgery and non-invasive medical procedures. Several issued and pending patents have been generated from this work. Prototype devices have been fabricated and tested and Dr. Reeder is working toward licensing, regulatory approval, manufacture, and distribution in concert with UR Ventures. He is collaborating with investigators in the Orthopedics and Rheumatology Departments on a clinical trial utilizing near-infrared fluorescence for assessing lymphatic flow in rheumatoid arthritis. His prior work established a genetic association of a polymorphism in the SCN9A gene with bladder pain syndrome. SCN9A encodes a protein central to pain perception and the gain of function polymorphism appears to play a role in acquired chronic pain conditions. Dr. Reeder is collaborating on a grant funded project at the Syracuse Veterans Administration Medical Center to determine if this polymorphism may influence response to opioid therapy in chronic pain patients.

Christopher J Stodgell, Ph.D. received his doctorate in Pharmacology and Toxicology from the University of Kansas, where he studied the behavioral neurochemistry of rats exposed to environmental and chemical agents to induce brain defects. Dr. Stodgell's main area of research is on the environmental and genetic causes of developmental disorders such as autism. He is a co-investigator with Drs. Loisa Bennetto, in the department of Clinical and Social Sciences in Psychology and Susan Hyman of Pediatrics on an NIH funded project to study the familial and genetic traits of taste, smell and feeding behavior in autism, and is collaborating with Dr. Alex Patchiorkowski, and Dr. Bennetto on identifying new de novo mutation in cases of autism. In addition to his research on autism, Dr. Stodgell, along with Drs. Richard K. Miller, Ronald Wood, and others have been studying vascularization of the placenta and how that may affect development of the fetus. Dr. Stodgell is also participating in a study to examine the effects of maternal anxiety on placental development with Dr Tom O'Connor, and Dr. Miller. Dr. Stodgell has published work related to the effects of in utero valproic acid exposure on embryonic gene expression, on the genetics and teratology of autism, and vulvar vestibulitis, and placental imaging. In addition to his research Dr. Stodgell sits on the Teratology Society's council as the society's treasurer. He is the Chair of the University Committee on Animal Resources, serves on the Medical Student Admissions Committee, and has served as a member of the University's Senate Executive Committee. Dr. Stodgell regularly lectures on teratology for the third year medical students in the Women's Health Clerkship, Developmental and Reproductive Toxicology, and genetics and psychopharmacology, as well as a group mentor for the Process of Discovery course taken by the 4th year medical students.

Ronald Wood, Ph.D. The laboratory of Dr. Wood has focused extensively on murine lower urinary dysfunction and associated anatomical changes that have relevance to overactive bladder, benign prostatic hypertrophy, cystitis and genitourinary malignancies; resultant collaborations have produced innovations used in the human operating room. High resolution 3D ultrasound imaging is supported from this lab, a technology permitting rapid high contrast imaging of soft tissues and blood flow, and provides internal support for the Amira 3D software suite. Multimodal imaging of placental structure and function is an emerging research focus of a large collaborative team within the department, medical center, and across campus. Near infrared imaging of lymphatic transport has been developed in support of collaborative research efforts on arthritis in Orthopedics and Pathology and on diseases of aging in Neuroscience. In collaboration with Drs. Stavros Demos (LLE) and Ed Messing and Scott Quarrier (Urology), Dr. Wood is participating in a clinical trial of an enhanced sensitivity fluorescence cystoscope for bladder cancer diagnosis and treatment. Dr. Wood collaborates with David Foster, Paula Doyle, Meghan Falsetta, Christopher Stodgell, and

Richard Miller in the Department; Drs. Edward Messing, YiFen Lee and ShuYuan Ye in Urology; Drs. Edward Schwarz, Brendan Boyce, Lianping Xing, Homaira Rahimi, Chris Ritchlin and others in the Center for Musculoskeletal Research; Dr. Rashid Dean in Neuroscience. The laboratory of Dr. Wood continues to provide research experience for graduate students, residents and fellows in these departments.

PROGRAMS, CENTERS AND SERVICES

NYS AIDS Institute's Clinical Education Initiative Resource Center of Excellence. The NYS AIDS Institute-funded Clinical Education Initiative (CEI) – accessible at www.ceitraining.org - provides the online knowledge management learning platform to thousands of practitioner-learners globally each year, and a model for peer-peer learning through its installation of the ECHO® (Extension for Community Healthcare Outcomes) initiative, specifically targeting HIV/AIDS-related content. CEI is designed to enhance the capacity of New York's diverse health care workforce to deliver clinical services to improve health outcomes related to HIV, sexually transmitted diseases (STDs) and hepatitis C (HCV). The aims of the CEI are fourfold: provide progressive HIV, HCV and STD education to clinicians; disseminate AIDS Institute clinical practice guidelines; expand the base of providers able to diagnose and care for HIV, HCV and STD patients; and foster partnerships between community-based providers and HIV, HCV and STD specialists. CEI is also equipped to provide Continuing Medical Education Credits through a new installation.

The CDC-funded **Global and Territorial Health Research Network Coordinating Center** (www.globalresearchnetwork.net) based at the University of Rochester's Department of Obstetrics and Gynecology provides a cross-institutional collaboration model focused on technology and public health in Low and Middle Income Country settings, with an emphasis on mixed methods informatics research. The Global Network, in partnership with U Illinois and Yale, collaboratively conducts, shares, and translates innovative chronic disease prevention research in low-resource settings, particularly those relevant to the U.S. Affiliated Pacific Islands, Puerto Rico, and the U.S. Virgin Islands. The ultimate aim is to put such research into practice domestically and around the world.

The NIH-funded MundoComm (www.mundocomm.org) program based in the University of Rochester's Department of Obstetrics and Gynecology aims to partner with Latin American communities to improve maternal health through technology. To date, the team has partners with communities in Costa Rica, the Dominican Republic, Panama, Honduras, Mexico, and Nicaragua to assess and design Information and Communications Technologies to improve the health of women and children in remote communities.

#p2p4PUR is a movement started by José Pérez-Ramos and Tim Dye to organize gear infrastructure that supports mobile clinics in Puerto Rico after Hurricanes Maria and Irma damaged much of the country's clinical infrastructure. p2p4PUR has supported the development and distribution of 22 mobile clinical sites and has arranged hundreds of water filtration donations, engaging community organizations, the Puerto Rican diaspora, and supporters from around the world.

MotherToBaby UR Medicine is a service of the Department of Obstetrics and Gynecology at the University of Rochester, School of Medicine and Dentistry, in Rochester, New York staffed by Teratologists, Pharmacologists/ Toxicologists, Pharmacists, Obstetricians and Pediatricians who specialize in prenatal exposures and breastfeeding. Directed by Dr. Richard K. Miller with Drs. Rogelio Perez-D'Gregorio, Ruth Lawrence and Casey Rosen-Carole, families and health care

providers can call this service from 8:30am to 4:00pm Monday through Friday at 585.275.3638 to address concerns involving environmental, occupational and therapeutic exposures during pregnancy and breastfeeding. You may also email us at MotherToBaby@urmc.rochester.edu especially for Deaf / Hard of Hearing Families. Please visit our website at <http://www.mothertobaby.urmc.edu>. Meet our Staff and members of our Advisory Board, review fact sheets, see Healthy Homes Healthy Families Booklets (English and Spanish) and Videos in English, Spanish, ASL with Subtitles in both English and Spanish, and also current information about exposures. MotherToBaby UR Medicine is a member of the MotherToBaby national network, a service of the Organization of Teratology Information Specialists (OTIS) <http://www.mothertobaby.org/> and funded in part by US DHHS-HRSA.

ORA, Office of Research Administration – ORA serves to support the pre- and post-award sponsored research needs of the Ob/Gyn faculty to make it easier for busy clinicians and researchers to apply for research funding and maintain their current projects. In 2017-2018, members of ORA included: Rebecca Rowley, Director; Rayanna Chambers, Staff Accountant; Ken Edell, Data Base Manager; Sarah Caveglia, Lynda Kochman, Divya Kumar, Jessica Brunner, Keelin Abbott, Aurora Newman, Andrea Hart, Katie Helbig, Meghana Vulapalli, Anne Mientkiewicz, Roycelyn Tisdale, and Tye Johnson, Study Coordinators; Val Pyon, Erica Sloma Technicians; Ian Perry, Allison Ciesla, Ana Vallejo Sefair, and Gloria Wink Graduate Students, Sophia Turbide, Maia Homs, and Bailey Walters, Under Graduate Students.

SUMMARY

In fiscal year 2017 - 2018, the Office for Research Administration (ORA) in Ob/Gyn managed over \$20 million in grant funding, assisted in the preparation and submission of 46 new grant applications as well as agreements with industry partners, and helped to implement a number of new and continuing studies led by our faculty.

The faculty members in the Research Division represent a broad range of backgrounds and research areas, ranging from environmental epidemiology to placental immunology, to in vivo urogynecology and global and deaf health. Dr. Timothy De Ver Dye, who joined the research faculty in January 2014, leads Research Division efforts as Associate Chair for Research. Under his leadership, the department's resident research program has flourished and new collaborations have been established with the Clinical and Translational Science Institute (CTSI), of which Dr. Dye is Director of the Translational Biomedical Science PhD program and PI of its pre-/ post-doctoral training award (TL1).

Indeed, the research faculty continued to be productive, publishing numerous articles in leading journals including Human Reproduction, Placenta, the American Journal of Obstetrics and Gynecology, Obstetrics and Gynecology, BMC Bioinformatics, PLoS One, and Biology of Reproduction. They gave presentations at meetings on the local, national, and international levels and have continued to develop new collaborations with colleagues at the University of Rochester, as well as across the U.S. and internationally. The research division faculty have been awarded several large national-level grants for innovative projects on topics ranging from the innovative delivery of HIV-related screening and services and sharing to the effects of maternal anxiety on fetal development. A number of smaller pilot studies were funded in as well, which will allow the research division faculty to continue to strive for larger awards even in the face of heightened competition for national level funding.

The Division has active research in the United States and throughout the world, supporting work in Latin America and the Caribbean, the Pacific Islands, Africa, and Europe. The Division hosts one of the largest concentration of Deaf scientists in the USA, with one Deaf faculty member, two Deaf post-docs, and two Deaf pre-doctoral students. The Divisions members represent many cultures and nations, including Colombia, Puerto Rico, Dominican Republic, Venezuela, China, Jamaica, Haiti, the United States, Romania, and the Ukraine.

ORA helped 26 PIs in the Department of Ob/Gyn to develop and submit 46 new grant proposals this year, including 14 federal grant proposals (NIH, HRSA, DOI, and others) and 32 applications to other funding agencies (departmental, state, foundation, or industry). ORA continued its efforts to facilitate research for all departmental investigators (from residents to senior faculty) through the development of research infrastructure at our off-site outpatient clinics as well as further development of our in-house research support team. Our successful weekly research workshop series continued, and provided a forum for sharing results, discussing new ideas, and learning new research tools. We were also pleased to host speakers from a number of different URMC departments as well as outside institutions, and these talks continue to provide a forum for developing new inter-disciplinary collaborations and stimulating new research directions. ORA continues to provide the faculty with regular updates on research efforts and opportunities through the meetings, e-mails, and the ORA website.

SERVICE PROGRAMS

University of Rochester

Department of Obstetrics and Gynecology

July 1, 2017 - June 30, 2018

NURSING SERVICE SUMMARY

The OB/GYN Nursing service continues to deliver quality care to our patients and their families. This is validated by the Press Ganey/HCAHPS scores that are received and discussed every month, as well as many staff being recognized through the Strong Star program.

Each unit participates in the UPP (Unit Performance Projects) program; which is a hospital initiative to share best practices in the areas of patient and family centered care, safety and quality, and LEAN. UPP teams are an interprofessional team approach to unit improvements. We are excited to be working closely with our medical directors on each of our units, and have many projects in various stages of development. This year, Women's Health Practice has also started development of an UPP team as well. Our team is always interested in LEAN approaches to care, and have many engaged members working hard in approaches to efficient, patient and family centered care.

Of course we have had personnel changes over the course of the year. We are currently welcoming amazing new staff to our service and have recently started a nursing residency program to improve the orientation process for our new nurses. So far, this has been successful, and we plan to work on retention efforts throughout the year. We are exploring opportunities to collaborate and share provisions of care to create a cohesive delivery of care model for our patients. This year, we have also added Patti Richter to our team as a discharge coordinator!

We are in the midst of planning for a renovation to our OB ORs on the third floor and a generalized "face lift" of 3-1400. This will also include renovation to the NICU stabilization area, allowing for better accessibility.

Our quality and safety nurses continue to develop and improve our programs. This group also includes our unit regulatory champions and safety nurses from each unit. We are rolling out a PPH cart and education bundle for OB patients, to be utilized for OB patients in September. We continue to participate in grant work with MCIC to explore safety issues surrounding deliveries. There is a well-developed dashboard of indicators available on each unit and reviewed interdisciplinary on monthly basis for the purpose of a collaborative approach of achieving quality and safety metrics for our patients. We continue to participate in GNOSIS learning modules in conjunction with MCIC. This fall, we will also be continuing interdisciplinary simulations.

We successfully rolled out the Nitrous Oxide as another option for pain relief for our laboring mothers. This was a joint effort with our anesthesia department.

Our lactation department continues to grow. In addition to partnering with Peds/NICU, care now includes outpatient services under the directorship of Dr. Casey Rosen-Carole. We are now able to provide lactation support to all breastfeeding mothers in the hospital 365 days a year, 16 hours a day.

Our nursing service is extremely proud of the challenges, initiatives, and safe and quality care we have been delivering. We are also proud of our interdisciplinary relationships with the medical team, as we continue seeking out ways to share learning opportunities and formulate best practice plans of care. Nursing looks forward to our ongoing growth and achievements which are facilitated in the framework of a Magnet accredited hospital.

IN-PATIENT OB/GYN NURSING SERVICE

Associate Director for OB/GYN Nursing

Keri Cockman, MS RNC-OB

Nursing Educators

Jennifer Truax, MS, RN

Christine Arnold, MS, RNC CHES

Nurse Managers

Jenny Lindstrom BSN, RN 3-1200

Barb Maier, BSN, RNC 3-1400

Rachel Allen, RN Birth Center

Catherine Keaton, RN Birth Center

Coordinator of OB/GYN Quality Improvement

Candace Galle, BS, RN

MCIC Safety Nurse for Obstetric Practice at Strong Memorial Hospital

Stephanie Havens, MS

SOCIAL WORK

The Social Work program at Strong Memorial Hospital addresses the psychosocial aspects of health care delivery for patients receiving care through Women's Health Practice, GYN Specialties, and Special Care Clinic as well as all antenatal and postpartum patients admitted to Strong. Consultation is also offered to OB/GYN private offices that are affiliated with SMH. The patient population is culturally, and socio-economically diverse and covers an age range beginning in early adolescence. Many of the patients served by OB/GYN social workers live at or below poverty and reside in poor, and violent, urban neighborhoods. They present with multiple psychosocial risk factors adversely impact pregnancy outcomes, and health status. Such risks include domestic violence, homelessness, victimization, substance abuse, untreated mental health and developmental disorders, inadequate nutrition, histories of physical and sexual abuse, residential placement, illiteracy and language barriers, isolation and depression, unwanted pregnancy, adolescent pregnancy and inadequate resources.

Social work interventions address many of the social determinants of health. The process includes risk screening of patients, assessment and formulation of service plans in conjunction with the multidisciplinary health care team, discharge planning, risk management, crisis intervention, case management, information and referral, short term counseling, and acquisition of essential concrete goods and services.

Social work assumes primary responsibility for the assessment and management of all patients presenting in any ambulatory or inpatient clinical area, suspected to be the victims of child abuse/neglect or domestic violence. Social workers work closely with the local departments of social services, family courts, criminal justice system and victims services in order to secure necessary protective services for infants, teens and women and to enable safe discharges.

Social work also assumes primary responsibility for counseling patients contemplating relinquishing their newborn for adoption and for assuring appropriate hospital guidelines are followed.

STAFF

The OB/GYN Social Work program at SMH is staffed by 2.65 FTE masters' level social workers. Staff includes the following:

Sarah Gallivan LMSW	.9 FTE
Kim Hober LMSW	1 FTE
Michelle Siembor LMSW	.75FTE

GRANT SUPPORTED PROGRAMS

The Social Work Division has partnered with the Healthy Baby Network to implement case management for patients eligible for Centering, a group care evidence based model. The case manager is responsible for identifying and addressing the psychosocial needs of centering participants and to facilitate ongoing attendance at group prenatal care visits.

The Social Work Division has taken the lead in the DSRIP Project, Increase Support Programs for Maternal Child Health utilizing expansion of the Baby Love program as the community health worker model to enhance both maternal and infant outcomes for Monroe County. Through this initiative Baby Love, social

work assessments and ongoing services are documented in the e – record allowing for greater integration with women’s health services. The program successfully met DSRIP metrics for DY3.

OB/GYN social workers continue to work with interdisciplinary colleagues to better assess the needs of SMH families with opioid exposed babies and to assist in the development of interventions to improve care during the perinatal period. Between the years 2012 to 2015, SMH provided care to over 250 infants that were exposed to an opioid in utero – with the numbers steadily rising each year. Given this growing number of affected babies in our community and the significant risks around opioid use during the perinatal period, there is a need for interventions to mitigate exposure and psychosocial risks. However, the diversity of this population demands that we had better understand our patients’ needs in order to develop appropriate interventions. To this end, Sarah Gallivan LMSW has taken the social work lead in a retrospective chart review of SMH patients born during (1/2012-12/31/16) and admitted to SMH at less than 1mo with a diagnosis related to opioid drug withdrawal. The medical records of patients (identified through the process described above) will be reviewed, and, if drug withdrawal is related to maternal opiate use, the following information will be abstracted; exposure drug, origin of drug (prescribed v. un-prescribed), county of parental residence, community agency involvement during the hospital admission (including Child Protective Services), name of community pediatrician, post-hospital attendance at Developmental and Behavioral Pediatrics appointments, and mother’s name. If the patient delivered at SMH, additional information will be abstracted from the mother’s chart. This information would include; date of birth, name of the prenatal care provider, gestational age that mother entered prenatal care, number of prenatal care visits, diagnosis for opiate use, prescriber name (if applicable), insurance status, NAS consult referral status, community agency involvement (including a substance abuse program), and postpartum appointment attendance & contraception plan. The information abstracted through this chart review will be categorized into tables & quantified to assist in determining the significance of each of these factors, allowing prioritization of areas needing the most focus and identifying where resources be directed. We plan to share program findings with appropriate OBGYN and Neonatology staff so that development and implementation of any interventions related to the care & support of our opioid affected families is a collaborative, multidisciplinary effort. We would also like to share program findings at local conferences to participate in multi-agency discussions of opioid use and potentially be a part of community-wide initiatives to support our families.

COMMUNITY COLLABORATIVES

In collaboration with the Injury Free Coalition for Kids, perinatal social workers have implemented the Safe Ride Home project assuring all newborns leave the hospital in an approved and appropriately installed car seat. Grant funding was secured from the Friends of Strong and the Ronald McDonald House charities to purchase infant car seats for patients without sufficient resources for a car seat. Parents who are provided with a car seat first watch a DVD instructing them on the importance of car seats and appropriate installation of the car seats. This new program has enhanced safe and timely discharges of newborns

Safe Crib Coalition – Perinatal social workers continue to collaborate with the Safe Crib Coalition to secure safe sleeping environments for newborns. Unnecessary infant deaths resulting from unsafe sleep situations continued to be a community concern. Social Workers along with other OB/GYN staff reinforce safe sleep practice for newborns in discussions with new parents.

UR, OB/GYN social workers participate in a number of additional community collaboratives and advisory committees that promote coordinated, multi – systems, community approaches to caring for women of reproductive age.