

OU-TULSA Department of Obstetrics and Gynecology

RESEARCH PROJECTS 3.2020

Funded Research:

“The HATCH Project: Holistic Assessment of Tulsa Children’s Health.” NIH (CIRCA) Grant

PI: Jameca Price MD. (Co-PI with OSU investigator Karina Shreffler, PhD).

CLOSED: Follow-up only.

Co-Investigators: Karen Gold, MD, Kent Teague, PhD, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Stephen Ward, MD, Kathleen Burr, CNM, Rebecca Hamel, MD, Ashley Brown, MD, Trang Pham, MD, Ali Rodriguez, MD, Brianna Desire, MD, Keri Ellard, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Hannah Reavis, Chelsea McKenzie, Ian Peake.

“Recurrent Urinary Tract Infections and Heparin: a double-blind randomized trial (RUTIH).”

(Previously funded by COMAA Grant)

PI: Jameca Price, MD.

Co-Investigators: Karen Gold, MD, Lieschen Quiroz, MD, Kent Teague, PhD, Laura Crismon, Arianna Fresquez, MD, Keri Ellard, MD, Karen Gold, MD, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Stephen Ward, MD, John Ervin, MD, Trang Pham, MD, Ashley Brown, MD, Rebecca Hamel, MD, Ali Rodriguez, MD, Brianna Desire, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO, Cristina Carbia, DO, Kelsey LeMay, DO, Tyler Lloyd, MD.

“Evaluation of the Improvement in Knowledge after Implementation of Urogynecology Cadaver and Simulation Lab: A Prospective Cohort Study.” (Coloplast Grant).

PI: Jameca Price, MD.

Co-Investigators: Arianna Fresquez, MD, Lieschen Quiroz, MD, Nasir Mushtaq, PhD, Edgar LeClaire, MD, Keri Ellard, MD, Karen Gold, MD, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Stephen Ward, MD, John Ervin, MD, Brianna Desire, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO.

“Immediate postpartum insertion of 19.5 mg and 52 mg Levonorgestrel Contraceptive Intrauterine Devices.” (Take Control Initiative).

PI: Monica Henning, MD.

Co-Investigators: Keri Ellard, MD, Karen Gold, MD, Jameca Price, MD, Nasir Mushtaq, PhD, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Stephen Ward, MD, Kathleen Burr, CNM, John Ervin, MD, Brianna Desire, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO, Cristina Carbia, DO, Kelsey LeMay, DO, Tyler Lloyd, MD.

“Enhancing Maternal-Fetal Bonding to Promote Healthy Pregnancies and Reduce Adverse Perinatal Outcomes: The BLOOM Study.” (OCAST; IRB approval pending).

PI: Jameca Price, MD (Co-PI with OSU investigator Karina Shreffler, PhD).

Co-Investigator: Karen Gold, MD, Kent Teague, PhD, Keri Ellard, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Stephen Ward, MD, Kathleen Burr, CNM, John Ervin, MD, Brianna Desire, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO, Cristina Carbia, DO, Kelsey LeMay, DO, Tyler Lloyd, MD.

Other Research Projects:

“Implementing the Oklahoma Perinatal Quality Hypertension Bundle.”

PI: Karen Gold, MD. (CLOSED).

Co-Investigators: Anam Khaja, MD, David Cameron, MD, Jameca Price, MD, Nasir Mushtaq, PhD.

“An Embryo Grading Scheme to Determine the Success of In Vitro Fertilization.”

PI: J. Clark Bundren, MD. (CLOSED; Manuscript in progress).

Co-Investigators: Zachary Hamilton, MD, Ashley Brown, MD, Karen Gold, MD, Jameca Price, MD, Nasir Mushtaq, Mary Williams, PhD, Anam Khaja, MD.

“How Did We Get Here and Where Do We Go: An Analysis of the Evolution of GME Indebtedness and Its Impact on Decision Making, Stress, and Burnout of OBGYN Resident Physicians.”

PI: Karen Gold, MD

Co-Investigators: Andrew Kajioka, DO, Jesse Richards, DO, Jameca Price, MD, Krista Kezbers, PhD.

“Knowledge, attitudes and practices on postpartum pain control.”

PI: Karen Gold, MD, Barbara H. Miller, MD.

Co-Investigators: M. Shoalb Khan, MD, Theresa Jackson, MD, Adrienne Richards, MS4, Shana Usiukiewicz, MS2, Cici Zhou, MS2.

“Birth Control Tales: Testing of Theory Based Contraception Educational Comics for Adolescents.”

PI: Nirupama De Silva, MD. CLOSED.

Co-Investigators: Anam Khaja, MD, Hannah Reavis MS4, Nasir Mushtaq, PhD, Trang Pham, MD, Ashley Brown, MD, Rebecca Hamel, MD, Brianna Desire, MD, Keri Ellard, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Ali Rodriguez, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO.

“Maternal Obesity and its Effect on Early Pregnancy Ultrasound and Estimated Delivery Date: A Prospective Cohort Study.”

PIs: Jameca Price, MD, Monica Tschirhart, MD.

Co-Investigators: Brianna Desire, MD, Cristina Carbia, DO, John Ervin, MD, Stephen Ward, MD, Mark Harman, MD, John Clark Bundren, MD, Danielle Hendrick, MD, Kelsey LeMay, MD, Keri Ellard, MD, Karen Gold, MD, Nasir Mushtaq, PhD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO, Tyler Lloyd, MD.

“Prenatal Exposures Associated with Early Pregnancy Loss: A Prospective Cohort Study.”

PIs: Jameca Price, MD, Stephen Ward, MD.

Co-investigators: Danielle Hendrick, MD, Kelsey LeMay, MD, Keri Ellard, MD, Karen Gold, MD, Nasir Mushtaq, PhD, John Clark Bundren, MD, David Cameron, MD, Mark Harman, MD, Monica Henning, MD, Monica Tschirhart, MD, Brianna Desire, MD, Arianna Fresquez, MD, Danielle Hendrick, MD, Andrew Kajioka, DO, Anam Khaja, MD, Jillian Lundie, MD, Aleze Krumholz, MD, Camille Meehan, DO, Clare Hinchey, DO, Cristina Carbia, DO, Tyler Lloyd, MD.

“Risk Factors for Failing Cervical Cancer Screening in Women Diagnosed with Occult Invasive Cervical Carcinoma at time of Simple Hysterectomy”

PI: Michael Gold, MD.

Co-Investigator: Ali Rodriguez, MD

“Medical Education: Debt, Burnout and Career Choices.”

PI: Karen Gold, MD.

Co-Investigator: Jesse Richards, MD.

“Put Your Best Foot Forward: A Boot Camp to Promote Success for Future Providers of OBGYN.”

PI: Nirupama De Silva, MD.

Co-Investigator: Clare Hinchey, DO.

“Sleep and Mother-Baby Regulation: SLMBR Study”

PI: Jameca Price, MD. (Co-PI with OSU investigator Lucia Ciciolla, PhD).

Co-investigator: Karen Gold, MD.

“Compliance in Use of Post-Partum Long Acting Reversible Contraception in an Academic Center Obstetric Population.” (CLOSED; manuscript submission in progress).

PI: Karen Gold, MD, Monica Henning, MD

Co-investigator: Rebecca Hamel, MD.

“Simultaneous Cystoscopy and Laparoscopy to Clearly Delineate the Borders of the Bladder During Hysterectomy” (Presented at meeting)

PI: John Ervin, MD.

Co-investigator: Jillian Lundie, MD.

“Promoting Teen Utilization of Health-Based Web Resources Through the Use of Social Media”

PI: Rupa DeSilva, MD

Co-investigators: Camille Meehan, MD, Monica Henning, MD.

“Methamphetamine Use and the Development of Pre-Eclampsia.”

PIs: Mark Harman, MD, David Cameron, MD, Jameca Price, MD.

Co-Investigator: Clare Hinchey, DO.

“Immediate Postpartum LARC Implementation and Uptake.” (IRB approval pending).

PI: Karen Gold, MD.

Co-Investigator: Aleze Krumholz, MD, Jameca Price, MD.

“Raising the Bar: Bringing Ambulatory Colposcopy Clinic up to ASCCP Colposcopy Practice Standards.”

PIs: Michael Gold, MD, Caroline Markey, MD.

Co-Investigators: Jillian Lundie, MD, Karen Gold, MD.

“Implementing Evidence Based Assessments of Operative Performance.” (IRB application pending).

PI: John Ervin, MD.

Co-Investigator: Tyler Lloyd, MD.

TOLAC retrospective chart review project. (IRB application pending).

PI: Monica Tschirhart, MD.

Co-investigator: Danielle Lewis, MS1

PUBLICATIONS

Conrad, R.D., Liu, A. H., Wentzensen, N., Zhang, R.R., Dunn, S.T., Wang, S. S., Schiffman, M. **Gold, Michael A.**, Walker, J. L., Zuna, R.E. Cytologic Patterns of Cervical Adenocarcinomas With Emphasis on Factors Associated With Underdiagnosis. *Cancer Cytopathol* Nov 2018, 126 (11), 950-958. DOI: 10.1002/cncy.22055. PMID: 30351473, PMCID: PMC6231976.

Huh, W.K., Papagiannakis, E, **Gold, Michael A.** Observed Colposcopy Practice in US Community-Based Clinics: The Retrospective Control Arm of the IMPROVE-COLPO Study. *J Low Genit Tract Dis.* Apr 2019, 23 (2), 110-115. DOI: 10.1097/LGT.0000000000000454. PMID: 30694884 PMCID: PMC6939606.

Khaja, Anam and DeSilva, Nirupama. The Female Adolescent Breast: Disorders of Development. *Curr Opin Obstet Gynecol* Oct 2019, 31 (5), 293-297. DOI: 10.1097/GCO.0000000000000564. PMID: 31356237.

Meriwether KV, **Gold Karen P.**, de Tayrac R, Cichowski SB, Minassian VA, Cartwright R, Miotla P, Grimes CL, Brito LGO, Bazi TM, Carberry CL, Zhu L, Rogers RG. Joint report on terminology for surgical procedures to treat pelvic organ prolapse. Developed by the Joint Writing Group of the American Urogynecologic Society and

the International Urogynecological Association. *Int Urogynecol J*. 2020 Feb 10. doi: 10.1007/s00192-020-04236-1. [Epub ahead of print]. PMID: 32040671.

Moscicki, A., Flowers, L., Huchko, M.J., Long, M. E., MacLaughlin, K. L., Murphy, J., Spiryda, L., **Gold, Michael A.** Guidelines for Cervical Cancer Screening in Immunosuppressed Women Without HIV Infection. *J Low Genit Tract Dis* Apr 2019, 23 (2), 87-101. DOI: 10.1097/LGT.0000000000000468. PMID: 30907775.

Nardos R, Ayenachew F, Roentgen R, Abreha M, Jacobson L, Haile A, Berhe Y, **Gold Karen P.**, Gregory WT, Spitznagle T, Payne CK, Wall LL. Capacity building in female pelvic medicine and reconstructive surgery: Global Health Partnership beyond fistula care in Ethiopia. *Int Urogynecol J*. 2020 Feb;31(2):227-235. doi: 10.1007/s00192-019-04197-0. Epub 2020, Jan 3. Review. PMID: 31900548.

Silver, M.I., Andrews, J., Cooper, C.K., Gage, J.C., **Gold, Michael A.**, Khan, M.J., Massad, L.S., Parvu, V., Perkins, R., Schiffman, M., Smith, K.M., Wentzensen. N. Risk of Cervical Intraepithelial Neoplasia 2 or Worse by Cytology, Human Papillomavirus 16/18, and Colposcopy Impression: A Systematic Review and Meta-analysis. *Obstet Gynecol*, Sep 2018, 132 (3), 725-735. DOI: 10.1097/AOG.0000000000002812. PMID: 30095780, PMCID: PMC6105396.