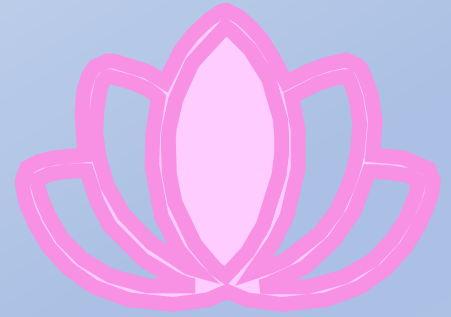


# TPMG Woman's Health Research Newsletter



Winter 2020 Newsletter

## **Welcome** to the TPMG **Women's Health Research Newsletter!**

Although TPMG Women's Health clinicians have been involved in research for decades, we have not previously had a comprehensive picture of what this looks like. Here, we present current or recently completed research projects led by Women's Health clinicians as well as ongoing studies led by investigators at the Division of Research that involve our clinicians.

Going forward, we hope to enhance collaboration both among clinicians as well as with investigators at the Division of Research through improved communication and regular meetings aimed at building a network of Women's Health clinical researchers!



## **A Deeper Look Inside This Update:**

- Research spotlight: How two of your colleagues got involved in research.
- Women's Health research survey
- Upcoming events, funding & next steps
- Active and recent research projects
- Recent Women's Health publications

## Spotlight on Women's Health Researchers:



**Mara Greenberg, MD, East Bay**  
**Maternal Fetal Medicine, with TPMG since 2011**

I started with resident research projects and became more involved with internal funding opportunities upon taking a regional Clinical Directorship position in 2018 and joined the DOR Perinatal Research Unit as a principal investigator on an initiative to create KPNC's first dedicated Obstetric Database.

My research is generally focused on determining both patient and system related factors associated with perinatal outcomes, with a special focus on disparities. One focus of my current work relates to adverse outcomes associated with hypertensive disorders of pregnancy (HDP). I'm a co-investigator on an NIH-funded study examining blood pressure readings for many thousands of pregnancies to learn how blood pressure trajectory during pregnancy might be used to predict development of HDP. Another study through the Obstetric Database aims to identify predictors of postpartum hospital readmission and severe morbidity among women with HDP. Through these studies I hope to learn what elements of HDP development and clinical course may be used to modify care delivery, in order to improve outcomes for at-risk patients.



**Eve Zaritsky, MD, East Bay**  
**Minimally Invasive Gynecologic Surgery, with TPMG since 2007**

I started with resident research projects and have gotten funding from the Community Benefit Grants Program and the Rapid Analytics Unit.

My research is generally focused on minimally invasive surgery and transgender care. Currently, my co-investigators and I are evaluating racial/ethnic trends in surgical route for myomectomy over the past 10 years. We previously evaluated racial and ethnic differences in minimally invasive hysterectomies (MIH), finding that from 2008-2015, the MIH rate went from approximately 20% to over 90% and that, controlling for uterine weight, racial/ethnic differences were no longer significant after 2009. This was published in JAMA Open Network and helped to highlight our MIS program in KPNC as a model in terms of providing equal access to minimally invasive surgery to all patients. In transgender health care, we recently presented our findings on the use of LARC usage in transmasculine population which found that there was a significant increase in the transmasculine use of LARC over 10 years. I direct and mentor the East Bay Ob/Gyn residents in research and co-run a student research summer program called SCORE to expose second year medical students from underrepresented minority groups to Ob/Gyn and research. I enjoy mentoring residents and medical students which helps to build future leaders in obstetrics and gynecology.

# KPNC Women's Health Physicians are Interested in Research

We asked and you answered! Seventy-two Women's Health Physicians responded to our most recent survey expressing interest in research and with ideas about high impact research questions that would utilize the advantages of Kaiser Permanente's unique care system.

## Survey Results



We asked you about high impact research questions in women's health that KP is uniquely positioned to answer. Research ideas identified included:

- **Social determinants of health** for both obstetric and GYN outcomes
- **Comparative effectiveness of models of prenatal and postnatal care**
- **Family planning**, contraception, abortion
- **ACEs, IPV, and resilience** informed care and treatment
- **Fertility preservation** in transgender patients, women with cancer
- **Weight management** in pregnancy
- **Patient centered decision making**, decision analyses
- **IT innovations** and impact on clinical outcomes
- **Cost effectiveness** of common ambulatory GYN evaluations and treatments
- **Cervical cancer screening**
- **Impact of COVID-19 pandemic** on OB and GYN outcomes
- **And MANY others!**

## Upcoming Events

### NASPAG 2021

**Sponsor:** North American Society for Pediatric and Adolescent Gynecology

**Dates:** March 18-20, 2021

**Location:** Renaissance Nashville Hotel, Nashville, TN, USA

**For more**

**information:** <https://www.naspag.org>

### 47th Annual Scientific Meeting of the SGS

**Sponsor:** Society of Gynecologic Surgeons

**Dates:** March 21-24, 2021

**Location:** Westin Mission Hills, Palm Springs, CA, USA

**For more**

**information:** <https://www.sgsonline.org>

### Virtual Graduating Chief Resident OBGYN Research Symposium

**Dates:** April 24<sup>th</sup>

**Time:** 800-1200pm

### ACOG 2021 Annual Clinical and Scientific Meeting

**Dates:** Fri, Apr 30, 2021 – Mon, May 3, 2021

### Virtual East Bay Academy Research Symposium

**Dates:** May 7<sup>th</sup>

**Time:** 1230-2pm

### SLS 2021 Annual Meeting

**Sponsor:** Society of Laparoendoscopic Surgeons

**Dates:** August 31 - September 5, 2021

**Location:** New York, NY, USA

**For more information:** <http://sls.org>

### ASRM 2021

**Description:** 77th ASRM Scientific Congress & Expo

**Dates:** October 16-20, 2021

**Place:** Baltimore, MD, USA

**For More Information:** ASRM, Tel: 205-978-5000, Fax: 205-978-5018, Email: [asrm@asrm.org](mailto:asrm@asrm.org)

## Internal Research Funding Opportunities



**General Funding Opportunities**



**Delivery Science and Applied Research**



**Division of Research**

## Next steps

Two organizational meetings are planned: One for physicians interested in being involved in research related to Gynecology topics and the other for physicians interested in research related to Obstetric topics. The goal of these meetings will be to identify clinicians interested in getting involved in research, collectively brainstorm about high-impact research questions and establish a plan for ongoing research meetings and communications.

# Active or Recently Completed Research Projects and Collaborations

Thank you to all who responded to our survey. The results were truly impressive! We identified over 100 current or recently completed research projects led by clinicians, as well as 30 additional studies led by Division of Research (DOR) investigators that involve our clinicians, representing a wide range of topics within Women's Health. Many of these projects involve residents or fellows with support from GME, while others are funded by the Community Benefit Grant Program, the DARE (Delivery Science and Applied Research) Program, as well as outside sponsors, NIH and other federal agencies.

## **General Ob/Gyn**

### **Barres, Lauren**

- Pharmacy Dispensing of Mifepristone

### **Bhalala, Mibhali**

- Preventing Postpartum Depression: Exercise as Medicine (co-investigator with DOR)

### **Cronbach, Emily**

- Barriers to Obstetric/Gynecological Health Care for Women with Autism Spectrum (co-investigator with DOR)

### **Elmasian, Catherine and Azevedo, Robert**

- Lactation and Glucose Tolerance after GDM Pregnancy - The Study of Women, Infant Feeding and Type 2 Diabetes (co-investigators, with DOR)

### **Goldsmith, Crystal** (all funding GME)

- Postpartum IUDs
- D&E vs IOL for medically indicated abortion
- Characteristics of insured women

### **Goler, Nancy**

- Impact of in utero marijuana exposure on neurodevelopment, behavior and mental health: A Longitudinal Birth Cohort Study (co-investigator, with DOR)
- Maternal Marijuana Use During Pregnancy, Marijuana Legalization, and Adverse Obstetrical and Neonatal Outcomes: A 12-Year Cohort Study (co-investigator, with DOR)

- COVID-19 and Prenatal Substance Use (co-investigator, with DOR)

### **Ikhena-Abel, Deborah**

- Outcomes following preimplantation genetic testing (co-investigator, PI Nikhil Joshi)

### **Jin, Sha**

- Leep and risk of preterm birth (co-investigator, PI Michelle Khan, funding GME)

### **Kaskowitz, Alexa**

- Use of LARCS among adolescents (co-investigator, PI Josephine Lau, funding GME and Community Benefit grant)

### **Lau, Lisa**

- TOA size and early intervention of IR drainage

### **Matiyahu, Debra**

- Retrospective assessment of the impact of vocational or educational training for obstetric fistula survivors (post-surgical repair) in western Kenya.

### **Ramos, Fred**

- Robotic hysterectomy outcomes (co-investigator, with DOR)

### **Rose, Kelsey**

- Preferences and comfort of maternal fetal medicine fellows in the United States with operative vaginal deliveries (funding GME).

### **Stark, Joanna**

- Risk factors for readmission for preeclampsia among women with hypertensive disorders (funding GME)
- Ideas and next steps for building the research community in 2021)

### **Torrente, Sandra**

- Racial disparities in cesarean section (funding GME)

### **Watson, Carey**

- ACEs (adverse childhood experiences), Resilience, and Mental Health Outcomes (funding Community Benefit grant)

### **Wilkins, Emilia and Bhalala, Mibhali**

- Cluster Randomized Trial of a Mobile Health Intervention to Achieve Appropriate Gestational Weight Gain in Overweight and Obese Women (co-investigators, with DOR)

**Zaritsky, Eve** (all funding GME unless otherwise noted)

- Long Acting Reversible Contraception Use among Transmasculine and Cisgender Patients
- Hereditary Breast and Ovarian Genetic Risk: Screening and Treatment among Transgender and Gender-Diverse Patients
- Active Versus Passive Discharge Voiding Protocols: Urinary Dysfunction After Same-Day Minimally Invasive Hysterectomy
- Lower Urinary Tract Injury and the Role of Cystoscopy at the Time of Hysterectomy for Gynecologic Cancer (co-PI with Olga Ramm)
- Vaginal Dehiscence Rates and Risk Factors in the Gender Diverse and Cis-Women at a Large Integrated Health Care Center
- Minimally Invasive Myomectomy: Examining Surgical Route and Racial/Ethnic Trends in a Large Integrated Healthcare System (funding Community Benefit grant)
- Gender-Affirming Chest Surgery and Hysterectomy in Transmasculine Patients: Concomitant Versus Separate Surgeries. (co-investigator, PI Tong)
- Treatment Patterns for Pediatric Gender Dysphoria (co-investigator, PI Hojilla)
- Leadership Training for Obstetrics and Gynecology Residents, a Multi-Institutional Needs Assessment (co-investigator, PI Ratan)
- PrEP Continuum of Care in a Large Cohort of Insured Transgender Patients (co-investigator, PI Jonathan Volk, funding Community Benefit grant)
- Myomectomy Rates and Trends: Demographic, Clinical and Healthcare Variations within a Large Integrated Health Care System (co-investigator with DOR)
- COVID-19 Impact on Obstetric and Gynecologic Emergency Department Visits in an Integrated Healthcare System and Impact on Care (funding Rapid Analytics Unit)
- Scopolamine patch for reduction of postoperative nausea and vomiting after uterine aspiration

**FPMRS**

**Patel, Minita**

- Transcutaneous Tibial Nerve Stimulation Efficacy (funding GME)

**Ramm, Olga** (all funding GME)

- Development and validation of risk calculator for antepartum and intrapartum prediction of anal sphincter injuries

- Retrospective evaluation of long-term outcomes following mesh implantation for pelvic organ prolapse
- Prospective comparative analysis of pain scores between differing analgesic regimens for women undergoing in-office intradetrusor Botox injections for idiopathic overactive bladder.
- Retrospective evaluation of perioperative outcomes, healthcare utilization, and average length of stay after minimally invasive apical suspension.
- Retrospective evaluation of anatomic and functional outcomes and factors associated with success/failure after apical suspension.
- Retrospective evaluation of long-term outcomes following mesh implantation for stress incontinence
- Prospective analysis of emotional well-being, sexual function, and pelvic floor symptoms among women who have sustained obstetric anal sphincter injury
- Immediate and delayed identification of lower urinary tract injury at the time of hysterectomy for oncologic indications: a retrospective study
- A retrospective comparative analysis of postoperative complications following hysterectomy in cis- vs transgender patients

## **REI**

### **Farah-Eways, Lisa**

- Fertility Status as a Marker for the Risk of Irritable Bowel Syndrome: The goal of this study is to determine if infertility is associated with IBS (co-investigator, with DOR).

### **Joshi, Nikhil, Ikhen-Abel, Deborah and Tan, Orkun**

- Comparison of preimplantation and prenatal genetic testing (funding GME)

## **GYNONC**

### **Holzapfel, Marie**

- Breast cancer risk after hysterectomy for benign indications with and without salpingo-oophorectomy (funding GME)

### **Littell, Ramey**

- Serous endometrial cancer outcomes (funding GME)
- Cervical cancer in elderly (funding GME)
- Cervical cancer minimally invasive surgery predictors of recurrence (funding GME)
- Use of a novel hysteroscopic catheter to evaluate for ovarian cancer (co-investigator, funding Industry sponsor)



- KP Principal Investigator on NCI sponsored multicenter GYN-oncology clinical trials:  
NRG CC-008-ongoing  
NRG GY-009-ongoing  
GOG 3045-ongoing  
GOG-3005-completed

### **Powell, Bethan**

- Use of a novel hysteroscopic catheter to evaluate for ovarian cancer (funding Industry sponsor)
- Screening for BRCA mutations with two biomarkers (funding Garfield grant)
- Lynch screening for endometrial cancer (funding Community Benefit Grant)
- Streamlining BRCA testing (funding Delivery Science grant)
- Characterization of morbidity among BRCA carriers (funding private donor)
- Detection of ovarian cancer by uterine lavage biomarkers (EDRN multisite study site-co-investigator, funding NIH)
- Strategies to obtain family history (co-Investigator, funding PCORI)

### **Shah, Nina**

- Relationship between HPV and endometrial and ovarian cancer diagnoses
- Distress screening in gynecologic cancer patients

### **Suh-Burgmann, Betty**

- Adnexal mass management–risk among women with adnexal masses, ultrasound standardization (funding Physician Researcher Program, Community Benefit Grant)
- Clinical presentation of early stage ovarian cancer (funding Physician Researcher Program)
- Utility of MRI for adnexal mass evaluation (funding GME)
- Ultrasound characteristics of early stage high grade serous cancers (collaboration with UCSF, funding Community Benefit Grant)
- Growth rate of benign ovarian cystadenomas (co-PI, collaboration with BIDMC, funding DARE)
- Use of a mobile app as a cancer care navigator for women with ovarian cancer (funding Industry sponsor/app developer)
- Impact of COVID pandemic on endometrial cancer outcomes (funding Physician Researcher Program)
- Impact of telehealth on surgical oncology workflows (co-investigator, PI Gillian Kuehner, funding Rapid Analysis Unit)

- Use of a novel hysteroscopic catheter to evaluate for ovarian cancer (co-investigator, funding Industry sponsor)
- Robotic hysterectomy outcomes (co-investigator, with DOR)

## **MFM**

### **Collingham, Justin**

- Does Increased Monitoring of Pregnancies with Abnormal Prenatal Analyte Levels Improve Perinatal Outcomes? (co-investigator, with DOR)

### **Garabedian, Matt**

- Routine Screening for Sepsis in an Obstetric Population

### **Greenberg, Mara**

- Understanding racial-ethnic disparities in preterm birth sub-types and prenatal care utilization (funding Delivery Science grant)
- Is nutritional management associated with improved outcomes in pregnancy post-bariatric surgery? (funding Targeted Analysis Program)
- Impaired fasting glucose in pregnancy: does treatment improve perinatal outcomes (funding GME)
- Microscopic focus of accreta on placental pathology: clinical context impacts morbidity risks in subsequent pregnancy (funding GME)
- Development and validation of an obstetric comorbidity risk score for clinical use: A retrospective cohort study. (co-investigator, PI Halley Ruppel BRCWH, funding NIH)
- Validation of the vaginal birth after cesarean delivery calculator in a multi-racial/ethnic cohort: Challenging the use of race correction (co-investigator, with DOR)

### **McCarthy, Alicia**

- Will standardized treatment of iron-deficiency anemia in pregnancy decrease rates of anemia at delivery and/or rates of post-partum small volume blood transfusions? (co-investigator, PI Justine Chang, funding Community Benefit Grant)

### **Mohta, Vanitha**

- The effect of implementation of an oxytocin checklist on maternal and fetal outcomes (funding Community Benefit Grant)
- Frequency and timing of complications of misoprostol use for IOI (funding Rapid Analysis Unit)
- Outpatient use of misoprostol for labor induction: maternal and fetal impact (funding GME)

## Moore, Gaea

- Clinically significant feto-maternal hemorrhage: a retrospective study of incidence and recurrence rates within a large integrated health care system (funding GME)
- Impact of a Standardized Risk-Based Postpartum Antibiotic Strategy for Patients with Intraamniotic Infection (IAI) on the Rates of Postpartum Endometritis (funding GME)
- Brain and Placental Pathology in Fetal COL4A1 Related Disease
- Placental Abruption is Not Associated with Clinically Significant Fetomaternal Hemorrhage (funding GME)

## Regenstein, Anne

- Changes in Hepatitis B levels during pregnancy (funding GME)

## Salmeen, Kirsten (all funding GME)

- Advanced maternal age and postpartum hemorrhage
- Transcervical foley balloons and risk of uterine rupture in women with prior cesarean section
- Postpartum urinary retention prevention
- Variations in labor length by race/ethnicity

## Sperling, Jeffrey (all funding GME)

- Evaluation of performance and accuracy of NIPT in a large retrospective cohort of pregnancies
- Prevalence of Noonan Syndrome in Fetuses with Increased Nuchal Translucency
- Gestational carriers: a population-based assessment of obstetric outcomes and adherence to ASRM guidelines

## Stephenson, Megan (all funding GME)

- Expectant Management of Premature Prelabor Rupture of Membranes (PPROM) until 35 Weeks and Impact Neonatal Morbidity
- Obstetric hemorrhage outcomes: Before and after massive transfusion protocol implementation
- Placenta Accreta Spectrum antepartum risk calculator
- Use of extended dwell peripheral catheters in antepartum patients
- Placenta accreta spectrum outcomes before and after multidisciplinary team formation

## VanWinden, Kristi

- Establishment of Group B streptococcal immunologic endpoints reasonably likely to predict clinical benefit against invasive disease among young infants: a multi-state case-control study (co-investigator, PI Jacek Skarbinski, funding Bill and Melinda Gates Foundation)
- Evaluation of the risk of hypertensive disorders in pregnancy based on the 2017ACC/AHA blood pressure parameters (funding GME)

## Wu, Danny

- Improvement in Prenatal Tdap Vaccination with an Electronic Medical Record Intervention (funding GME)

### **Division of Research projects involving clinicians**

## Anne Armstrong, Mary and Raine-Bennett, Tina

- Study on the Association of Uterine Perforation and IUD expulsion With Breastfeeding Status at the Time of IUD insertion and Postpartum Timing of IUD Insertion in Electronic Medical Record Databases - A Post-marketing requirement for Mirena  
Funding: Bayer Pharma AG, Berlin, Germany

## Avalos, Lyndsay

- Does Centering Pregnancy impact patient satisfaction with prenatal care and maternal health and behavioral outcomes? (Short Title: The **P**renatal Care and **MA**Ternal & **C**hild **H**ealth Outcomes (PATCH) Study) (**Joanna Stark- Co-PI**)  
Funding: TPMG Delivery Science

## Avalos, Lyndsay and Young-Wolff, Kelly

- Impact of in utero marijuana exposure on neurodevelopment, behavior and mental health: A Longitudinal Birth Cohort Study (Meghan Davignon and **Nancy Goler, Co-investigators**) Funding: NIDA
- Preventing Postpartum Depression: Exercise as Medicine (Short title: The **PO**stpartum **W**ellness (POW) Study) (**Mibhali Bhalala, Co-investigator**) Funding: KP Sports Marketing and the National Basketball Association (NBA)
- Comparing the Effects of Prenatal Depression and Its Treatment on Developmental Outcomes of the Offspring (Meghan Davignon, Co-Investigator) Funding: NICHD
- Prenatal Depression and Its Treatment: Effects on Child Speech and Language (Meghan Davignon, Co-Investigator) Funding Community Benefit Grant

## Croen, Lisa and Ames, Jennifer

- Barriers to Obstetric/Gynecological Health Care for Women with Autism Spectrum Disorders (**Emily Cronbach, MD, co-investigator**) Funding: Community Benefit grant, NICHD (pending)

## Ferrara, Assiamira

- COVID-19 related changes in health care delivery and health outcomes among pregnant women and their newborns. (**Mara Greenberg, co-investigator**) Funding: Delivery Science grant
- Optimizing a scalable intervention to maximize guideline-recommended diabetes testing after GDM (**Mara Greenberg, co-investigator**) Funding: NIDDK pending

## Gunderson, Erica

- Prenatal Blood Pressure Patterns to Predict Pregnancy-Related Hypertension and Later Life Cardiovascular Risk. (**Mara Greenberg, co-investigator**) Funding: NHLBI R01
- Chronic Hypertension During Pregnancy and Racial Disparities in Maternal Health Outcomes. (**Mara Greenberg, co-investigator**) Funding: NHLBI R01 Supplement
- Does Increased Monitoring of Pregnancies with Abnormal Prenatal Analyte Levels Improve Perinatal Outcomes? (John Truocy, **Justin Collingham, co-investigators**) Funding: TPMG Delivery Science
- Fetal and Early Postnatal Influences on Child Metabolic Health After Gestational Diabetes. *The SWIFT Study in Youth* (Louise Greenspan, co-investigator) Funding: NIDDK R01
- Metabolites Profiles Preceding Progression to Diabetes Mellitus After Gestational Diabetes. *The SWIFT Women 10-Year Follow Up* (**Mara Greenberg, co-investigator**) Funding: NIDDK R01
- Lactation and Glucose Tolerance after GDM Pregnancy - The Study of Women, Infant Feeding and Type 2 Diabetes (SWIFT). (**Catherine Elmasian, Robert Azevedo, co-investigators**) Funding: NICHD R01

## Hedderson, Monique

- Cluster Randomized Trial of a Mobile Health Intervention to Achieve Appropriate Gestational Weight Gain in Overweight and Obese Women (**Emilia Wilkins, Eisha Zaid and Mibhali Bhalala, co-investigators**) Funding: NIH
- Is nutritional management associated with improved outcomes in pregnancy post-bariatric surgery? (**Mara Greenberg, co-investigator**) Funding: Targeted Analysis Program

- Understanding Racial-Ethnic Disparities in Preterm Birth Sub-Types and Prenatal Care Utilization (**Mara Greenberg, co-investigator**) Funding: Health Policy and Disparities Research Program

### Herrinton, Lisa

- Robotic hysterectomy outcomes (**Betty Suh-Burgmann, Fred Ramos, co-investigators**) Funding: Rapid Analysis Unit

### Kubo, Ai and Avalos, Lyndsay

- mHealth Mindfulness Intervention for Pregnant Black and Latina Women at Risk of Postpartum Depression (**Mibhali Bhalala, Co-investigator**) Funding: pending NIH funding

### Li, De-Kun

- Fertility Status as a Marker for the Risk of Irritable Bowel Syndrome: The goal of this study is to determine if infertility is associated with IBS (**Lisa Farah-Eways, co-investigator**) Funding: Pending NIH

### Raine-Bennett, Tina

- Myomectomy Rates and Trends: Demographic, Clinical and Healthcare Variations within a Large Integrated Health Care System (**Eve Zaritsky, co-investigator**) Funding: Community Benefit grant
- Incidence and Trend of Ectopic Pregnancy 2009-2018 - A population-based Study (Michael Fassett MD KPSC, co-investigator) Funding: Bayer Pharma AG
- Creation of a Biorepository for Discarded HPV Test Specimens (Thomas Lorey MD, co-investigator) HPV Biorepository: A Prevalence Case-Control Study of HPV Genotypes  
Funding: NCI

### Young-Wolff, Kelly

- Identifying Risk Factors for Prenatal Substance and Polysubstance Use (**Nancy Goler, clinical mentor**) Funding: NIH

### Young-Wolff, Kelly and Avalos, Lyndsay

- Maternal Marijuana Use During Pregnancy, Marijuana Legalization, and Adverse Obstetrical and Neonatal Outcomes: A 12-Year Cohort Study (**Nancy Goler, co-investigator**) Funding: NIH  
COVID-19 and Prenatal Substance Use

### Zhu, Yeyi

- Racial/ethnic disparities in glycemic control among women with gestational diabetes: A multiracial pregnancy cohort study. (**Mara Greenberg, co-investigator**) Funding: NIDDK

- Blood Pressure, Obesity, and Diabetes in Relation to Perinatal and Postpartum Complications (**Mara Greenberg, co-investigator**) Funding: Pending NIH

## Recent Peer Reviewed Publications authored by Women's Health clinicians (2018-present). (If we missed your publication, please email us the reference and we will include it in the next newsletter)

- **Avalos LA**, Ferber J, Zerbo O, Naleway AL, Bulkley J, Thompson M, Cragan J, Williams J, Odouli R, Kauffman TL, Ball S, Shifflett P, Li DK. Trivalent inactivated influenza vaccine (IIV3) during pregnancy and six-month infant development. *Vaccine*. 2020 Feb 28;38(10):2326-2332. doi: 10.1016/j.vaccine.2020.01.059.
- Aghaee S, Laurent CA, Deardorff J, **Ferrara A**, Greenspan LC, Quesenberry CP, Kushi LH, Kubo A. Associations of Maternal Gestational Weight Gain and Obesity with the Timing of Pubertal Onset in Daughters. *Am J Epidemiol*. 2019 Jul 1;188(7):1262-1269. doi: 10.1093/aje/kwz068.
- Ahmed A, Deng W, Tew W, Bender D, Mannel RS, **Littell RD**, DeNittis AS, Edelson M, Morgan M, Carlson J, Darus CJ, Fleury AC, Modesitt S, Olawaiye A, Evans A, Fleming GF. Pre-operative assessment and post-operative outcomes of elderly women with gynecologic cancers, primary analysis of NRG CC-002: An NRG oncology group/gynecologic oncology group study. *Gynecol Oncol*. 2018 Aug;150(2):300-305. doi: 10.1016/j.ygyno.2018.05.022.
- **Avalos LA**, Flanagan T, **Li DK**. Preventing Perinatal Depression to Improve Maternal and Child Health-a Health Care Imperative. *JAMA Pediatr*. 2019 Apr 1;173(4):313-314. doi: 10.1001/jamapediatrics.2018.5491.
- Badon SE, Quesenberry CP, Xu F, **Avalos LA**, **Hedderson MM**. Gestational weight gain, birthweight and early-childhood obesity: between- and within-family comparisons. *Int J Epidemiol*. 2020 Oct 1;49(5):1682-1690. doi: 10.1093/ije/dyaa110.
- Boccio M, Sanna RS, Adams SR, **Goler NC**, Brown SD, Neugebauer RS, Ferrara A, Wiley DM, Bellamy DJ, Schmittiel JA. Telephone-Based Coaching. *Am J Health Promot*. 2017 Mar;31(2):136-142.
- Bruce KH, **Tran AM**. Treatment of invasive Paget's disease of the vulva in pregnancy: A case report. *Gynecol Oncol Rep*. 2020 Jun 15;33:100602. doi: 10.1016/j.gore.2020.100602.
- Chen L, Shortreed SM, Easterling T, Cheetham TC, Reynolds K, **Avalos LA**, Kamineni A, Holt V, Neugebauer R, Akosile M, Nance N, Bider-Canfield Z, Walker RL, Badon SE, Dublin S. Identifying hypertension in pregnancy using electronic medical records: The importance of blood pressure values. *Pregnancy Hypertens*. 2020 Jan;19:112-118. doi: 10.1016/j.preghy.2020.01.001.
- Chow S, **Raine-Bennett T**, Samant ND, Postlethwaite DA, **Holzapfel M**. Breast cancer risk after hysterectomy with and without salpingo-oophorectomy for benign indications. *Am J Obstet Gynecol*. 2020 Dec;223(6):900.e1-900.e7. doi: 10.1016/j.ajog.2020.06.040.



- Chow S, **Raine-Bennett T**, Samant ND, Postlethwaite DA, **Holzapfel M**. Breast cancer risk after hysterectomy with and without salpingo-oophorectomy for benign indications. *Am J Obstet Gynecol*. 2020 Jun 23
- Cizek S, Nguyen N, Lyon L, Weiss E, **Zaritsky E**. Combined Hysterectomy and Mastectomy Surgery for Transgender Patients in an Integrated Health Care Setting. *International Journal of Transgenderism* published online August 24, 2017
- Coleman RL, Fleming GF, Brady MF, Swisher EM, Steffensen KD, Friedlander M, Okamoto A, Moore KN, Efrat Ben-Baruch N, Werner TL, Cloven NG, Oaknin A, DiSilvestro PA, Morgan MA, Nam JH, Leath CA 3rd, Nicum S, Hagemann AR, **Littell RD**, Cella D, Baron-Hay S, Garcia-Donas J, Mizuno M, Bell-McGuinn K, Sullivan DM, Bach BA, Bhattacharya S, Ratajczak CK, Ansell PJ, Dinh MH, Aghajanian C, Bookman MA. Veliparib with First-Line Chemotherapy and as Maintenance Therapy in Ovarian Cancer. *N Engl J Med*. 2019 Sep 28.
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- Cottreau CM, Dashevsky I, Andrade SE, **Li DK**, Nekhlyudov L, Raebel MA, Ritzwoller DP, Partridge AH, Pawloski PA, Toh S. Pregnancy-Associated Cancer: A U.S. Population-Based Study. *J Womens Health (Larchmt)*. 2019 Feb;28(2):250-257. doi: 10.1089/jwh.2018.6962.
- Faith MS, Hittner JB, **Gunderson EP**. Links Between Childhood Obesity, Gestational Diabetes, and Infant Temperament-Reply. *JAMA Pediatr*. 2019 Aug 26. doi: 10.1001/jamapediatrics.2019.2746.
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