# CURRICULUM VITAE ADAM KORRICK LEWKOWITZ, MD, MPHS

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#### **EDUCATION**

**Undergraduate:** Amherst College

Amherst, Massachusetts

Bachelor of Arts, sociology & Spanish, 2006.

Honors: summa cum laude; Phi Beta Kappa; Psi Upsilon Prize; Captain of

Varsity Swimming/Diving Team

Medical School: Mount Sinai School of Medicine

New York, New York Doctor of Medicine, 2012

Honors: Accepted via Humanities in Medicine Program; Graduated with

Distinction in Research

Graduate School: Washington University School of Medicine in St. Louis

St. Louis, Missouri

Masters of Population Health Sciences: Health Services Focus, 2018 Honors: BJC Healthcare Institute for Public Health Scholarship

#### POSTGRADUATE TRAINING

Residency University of California, San Francisco

Obstetrics and Gynecology

San Francisco, California, 2012-2016

**Honors**: Clinical and Translational Research Pathway

Fellowship Washington University School of Medicine in St. Louis

Maternal-Fetal Medicine

St. Louis, Missouri, 2016-2019

#### **POSTGRADUATE HONORS AND AWARDS**:

2006-2007 Fulbright Research Scholar (Colegio de la Frontera Norte, Tijuana, Mexico). Project: Los

pochos y los cholos: How Mexican-American social identities impact Mexican

assimilation patterns in the United States

2007-2008 American Medical Student Association Global Health Scholar

2010-2011 Fogarty International Clinical Research Scholar (Cancer Institute/Chinese Academy of

Medical Sciences, Beijing, China). Project: Self-collected HPV-DNA for cervical

cancer screening in China

2015	Ted Adams Scholarship Award, Pacific Coast Obstetrics & Gynecology Society
2016	UCSF Medical Student Teaching Award, Obstetrics & Gynecology
2016	UCSF Multidisciplinary Residency Research Symposium Outstanding Research Award
2017, 2019	Obstetrics & Gynecology Fellow Teacher of the Year Award, Washington University
	School of Medicine in St. Louis
2017	St. Louis Children's Hospital Triple Crown Award for Acknowledgment of Exceptional
	Patient Care, Washington University School of Medicine in St. Louis
2020,2021	Top Three Resident Teacher of the Year Award, Women & Infants/Alpert Medical School
	of Brown University, Department of Obstetrics and Gynecology
2020,2021	Chief Resident Excellence in Teaching Award (Hospital Faculty), Women & Infants/
	Alpert Medical School of Brown University, Department of Obstetrics and Gynecology
2020, 2021	Top 10% Reviewer, Obstetrics & Gynecology
2021	Best Poster at Society for Maternal Fetal Medicine's Annual Conference (National abstract
	#31)
2021	Alpert Medical School of Brown University Hospital-Based OBGYN Faculty Medical
	Student Teaching Award
2021	Top 3 Reviewer of the Year, American Journal of Obstetrics & Gynecology, Maternal-
	Fetal Medicine
2021-	Qualitative Science & Methods Training Program Scholar

## TION:

<b>PROFESSIO</b>	ONAL LICENSES AND BOARD CERTIFICAT
2013-	State of California
	Medical License: A127836
2016-2019	State of Missouri
	Medical License: 2016003929
2017-	American Board of Obstetrics and Gynecology
	Board Certified: Obstetrics and Gynecology
2018-	Buprenorphine Waiver
	License: XL5821891
2019-	State of Rhode Island
	License: MD16580
2019-	State of Massachusetts
	Medical License: 279629
2021-	American Board of Obstetrics and Gynecology
	Board Certified: Maternal-Fetal Medicine

## **ACADEMIC APPOINTMENTS**

2019-	Assistant Professor of Obstetrics and Gynecology
	Alpert Medical School of Brown University
	Division of Maternal Fetal Medicine
2019-2020 &	Interim Medical Director, Labor & Delivery
2020-2021	Alpert Medical School of Brown University
	Women & Infants Hospital, Rhode Island
2020-	Associate Director, Maternal Fetal Medicine Fellowship
	Alpert Medical School of Brown University
	Division of Maternal Fetal Medicine
2020-	Affiliated Faculty
	Brown-Lifespan Center for Digital Health
2021-	Interim Director, Maternal Fetal Medicine Research

## Alpert Medical School of Brown University Women & Infants Hospital, Rhode Island

#### **HOSPITAL APPOINTMENTS**

2019- Active medical staff, Women & Infants Hospital, Providence, RI Active medical staff, Rhode Island Hospital, Providence, RI Consulting physician, Charlton Hospital, Fall River, MA

#### OTHER APPOINTMENTS AND POSITIONS

2019- Ad hoc Grant Reviewer, Wellbeing of Women Foundation

University of Utah Data and Safety Monitoring Board Member: randomized controlled trial, "Impact of prophylactic low-molecular weight heparin dosing on clotting parameters following cesarean delivery"

## Journal Reviewer

Journal Revi	<u>ewer</u>
2017-	American Journal of Obstetrics and Gynecology
2017-	British Medical Journal
2018-	American Journal of Perinatology
2019-	BMC, Pregnancy & Childbirth
2019-	Lancet
2019-	Prenatal Diagnosis
2019-	PLOS One
2019-	Lancet, Global Health
2019-	BMJ Open

2020- Obstetrics & Gynecology

2020- Neuropsychiatric Disease and Treatment

2020- Breastfeeding Medicine
2020- Nursing & Health Sciences
2021- JAMA Network Open

2022- *Birth* 

2022- Cogent Psychology

2022- Pediatrics

#### HOSPITAL/HEALTH SYSTEM COMMITTEES

2019-2021	Member, Obstetric Practice Guidelines Committee, Women & Infants Hospital
2019-	Member, Evidence-based Practice and Research Council, Women & Infants Hospital
2019-	Member, Maternal & Neonatal Transfer Committee; Women & Infants Hospital
2019-2020	<u>Co-Chair</u> , Marijuana Use in Labor and Postpartum Task Force, Women & Infants Hospital
2020-2021	<i>Chair</i> , Forms Committee, Women & Infants Hospital
2020-2021	Member, Antimicrobial Stewardship Committee, Women & Infants Hospital
2020-2021	Member, Transfusion Committee
2021-	Member, OB/GYN Department Executive Committee
2021-	Member, Perinatal Quality Standards Committee
2021-	Member, Oral Board Preparation Committee, Department of Obstetrics and Gynecology,
	Women & Infants Hospital
2022-	Member, Care New England Scientific Advancement Committee, Care New England

## **UNIVERSITY COMMITTEES**

Hospital System

2019-2022	Co-Chair, Obstetrics & Gynecology Morbidity and Mortality Committee, Women and
	Infants/Alpert Medical School of Brown University, Department of Obstetrics and
	Gynecology
2020-	<i>Chair</i> , Clinical Competency Committee (MFM Fellows), Alpert Medical School / Women
	& Infants Hospital
2020-	Member, Program Evaluation Committee (MFM Fellowship), Alpert Medical School /
	Women & Infants Hospital
2020-	Member, General Medical Education Committee, Alpert Medical School/Women &
	Infants Hospital
2020-	Member, Residency Interview Committee (OBGYN), Alpert Medical School / Women &
	Infants Hospital
2022-	Member, Hassenfeld Child Health Innovation Institute Scientific Advisory Committee,
	Brown School of Public Health

## MEMBERSHIP IN SOCIETIES

2012-	American College of Obstetricians and Gynecologist		
	2012-2017	Junior Fellow	
	2013-2016	District IX Committee on Healthcare for Underserved Women	
	2017-	Fellow	
2014-	Society of Maternal-Fetal Medicine		
	2019-	Fellowship Affairs Committee Member.	
		Leader: MFM Fellow Mini-Retreat @ SMFM Annual Conference	
		Member: MFM First-Year Fellows Retreat Planning Subcommittee	
	2019-	SMFM State Liaison Network Member, Rhode Island	
2018-2020	Academy of Breastfeeding Medicine		
2019-	American Institute of Ultrasound Medicine		
2021-	Marcé of North America (MONA) – Marcé Society		
2022-	Society for Digital Mental Health		

#### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1. Hu SY, Hong Y, Zhao FH, **Lewkowitz AK**, Chen F, Zhang WH, Pan QJ, Zhang X, Fei C, Li H, Qiao YL. Prevalence of HPV infection and cervical intraepithelial neoplasia and attitudes towards HPV vaccination among women aged 18-25 in Jiangsu Province, China. *Chinese J of Cancer Research*. 2011;23:25-32. PMID: 23467401.
- 2. Jae GA, **Lewkowitz AK**, Yang JC, Shen L, Rahman A, Del Toro G. Barriers to conceiving sibling donors for sickle cell disease: perspectives from patients and parents. *Ethnicity and Health*. 2011;16:431-45. PMID: 21797728
- 3. **Lewkowitz AK\***, Li R\*, Zhao FH, Zhou Q, Hu SY, Qiu H, Zhang Y, Jiang HW, Zhang JS, Li M, Tong SM, Zhang QY, Qiao YL. Analysis of the effectiveness of visual inspection with acetic acid/Lugol's iodine in one-time and annual follow-up screening in rural China. *Arch Gynecol Obstet.* 2012; 285: 1627-32. PMID: 22222723. \*co-first authors
- 4. Zhao FH, **Lewkowitz AK**, Chen F, Lin MJ, Hu SY, Pan QJ, Ma JF, Niyazi M, Li CQ, Li SM, Smith JS, Belinson JL, Qiao YL, Castle PE. Pooled analysis of Self-Sampling HPV DNA Test as a Cervical Cancer Primary Screening Method. *J Natl Cancer Inst*. 20128; 104(3): 178-88. PMID: 22271765

- 5. Smith JS, **Lewkowitz AK**, Belinson JL, Ji J, Hu SY, Esser M, Taddeo FJ, Pretorius RG, Qiao YL. Population-based human papillomavirus 16/18/6/11 DNA and seropositivity in Chinese women. *Int J Cancer*. 2012;131:1388-95. PMID: 22120998
- 6. Zhao FH, **Lewkowitz AK**, Chen F, Hu SY, Li LY, Zhang QM, Wu RF, Li CQ, Wei LH, Xu AD, Zhang W, Pan Q, Zhang X, Belinson JL, Sellors JW, Smith JS, Qiao YL, Franceschi S. Prevalence of human papillomavirus and cervical Intraepithelial neoplasia in China: A pooled analysis of 17 population-based studies. *Int J Cancer*. 2012;131:2929-38. PMID: 22488743
- 7. **Lewkowitz AK**, O'Donnell BE, Nakagawa S, Vargas JE, Zlatnik MG. Social media messaging in pregnancy: comparing content of Text4baby to content of free smart phone applications of pregnancy. *J Matern Fetal Neonatal Med*. 2016;29:745-51. PMID 25731656.
- 8. McLean TA, **Lewkowitz AK**, Test E, Zlatnik MG. Does an Electronic Health Record Improve Completeness of Prenatal Studies? *Appl Clin Inform*. 2015;6:669-76. PMID: 26767062
- 9. **Lewkowitz AK**, Nakagawa S, Thiet MP, Rosenstein MG. Effect of Stage of Initial Labor Dystocia On Vaginal Birth After Cesarean Success. *Am J Obstet Gynecol*. 2015;213:861.e1-5. PMID 26348381
- 10. O'Donnell BE, **Lewkowitz AK**, Nakagawa S, Vargas JE, Zlatnik MG. Examining Pregnancy-Specific Mobile Media Messages: What Are Patients Being Told? *J Perinatol*. 2016;36:802-7. PMID 27195980.
- 11. **Lewkowitz AK**, Kaimal AJ, Thao K, O'Leary A, Nseyo O, Kuppermann M. Predictors of Simultaneous and Redundant Multiple Marker and Cell-free DNA Screening. *J Perinatol*. 2017;37:772-7. PMID: 28492524
- 12. **Lewkowitz AK**, Tuuli MG, Stout MJ, Woolfolk C, Roehl K, Macones GA, Cahill AG. Epidurals & the modern labor curve: how epidural timing impacts fetal station during active labor. *Am J Perinatol*. 2018;35:421-426. PMID: 29287297
- 13. **Lewkowitz AK**, Stout MJ, Tuuli MG, López J, Macones GA, Cahill AG. Risk of neonatal neurologic morbidity in advancing term gestations. *Am J Perinatol*. 2018:35:599-604. PMID: 29287296.
- 14. **Lewkowitz AK\***, Rosenbloom JI\*, Tuuli MG. Risks and benefits of antenatal late-preterm steroids. *JAMA Pediatr*. 2018. 172:615-616. PMID: 29813144. \*co-first authors.
- 15. **Lewkowitz AK**, López JD, Stein RI, Rhoades JS, Schulz RC, Woolfolk CL, Macones GA, Haire-Joshu D, Cahill AG. Effect of a home-based lifestyle intervention on breastfeeding initiation among socioeconomically disadvantaged African-American women with overweight or obesity. *Breastfeed Med*. 2018;13:418-25. PMID: 29912571.
- 16. Kominiarek MA, **Lewkowitz AK**, Carter EB, Fowler SA, Simon M. Gestational weight gain and group prenatal care: A systematic review and meta-analysis. *BMC Pregnancy and Childbirth*. 2019;19:1-8. PMID: 30626345.
- 17. **Lewkowitz AK**, Raghuraman N, López JD, Macones GA, Cahill AG. Infant feeding practices and perceived optimal breastfeeding interventions among low-income women delivering at a Baby-Friendly Hospital. *Am J Perinatology*. 2019;36:669-677. PMID: 30567004.

- 18. **Lewkowitz AK**, Gupta A, Simon L, Sabol BA, Stoll C, Cooke E, Rampersad RM, Tuuli MG. Intravenous compared with oral iron for the treatment of iron-deficiency anemia in pregnancy: a systematic review and meta-analysis. *J Perinatol*. 2019;39:519-532. PMID: 30692612.
- 19. **Lewkowitz AK**, Tuuli MG, Cahill AG, Macones GA, Dicke JM. Perinatal outcomes after intrauterine growth restriction & intermittently elevated umbilical artery Doppler. *Am J Obstet Gynecol MFM*. 2019;1:64-73. PMID pending.
- 20. **Lewkowitz AK**, Tuuli MG, Cahill AG, Macones GA, Dicke JM. Perinatal outcomes Perinatal outcomes after intrauterine growth restriction & umbilical artery Doppler Pulsatility Index of less than the 5<sup>th</sup> percentile. *J Matern Fetal Neonatal Med*. 2021;34:677-682. Epub 2019. PMID: 31032682.
- 21. **Lewkowitz AK**, Rosenbloom JI, Keller M, López JD, Macones GA, Olsen MA, Cahill AG. Association between stillbirth and acute psychiatric illness within a year of delivery. *Am J Obstet Gynecol*. 2019;221:491.e1-491.e22. PMID: 31226297.
- 22. **Lewkowitz AK**, Rosenbloom JI, Keller M, López JD, Macones GA, Olsen MA, Cahill AG. Association between severe maternal morbidity and psychiatric illness within 1 year of hospital discharge after delivery. *Obstet Gynecol*. 2019;134:695-707. PMID: 31503165.
- 23. **Lewkowitz AK**, Rosenbloom JI, López JD, Keller M, Macones GA, Olsen MA, Cahill AG. Association between stillbirth at ≥ 23 weeks gestation and severe intrapartum maternal morbidity. *Obstet Gynecol*. 2019;134:964-973. PMID: 31599829
- 24. **Lewkowitz AK**, Tuuli MG. Iron-deficiency anaemia in pregnancy: the role of hepcidin. *Lancet Glob Health*. 2019; 7: e1476-e1477. PMID: 31607452
- 25. **Lewkowitz AK\***, Rosenbloom JI\*, Sondgeroth KE, Hudson JL, Macones GA, Cahill AG, Tuuli MG., Chang SH. Antenatal corticosteroids administration in late-preterm gestations: a cost-effectiveness analysis. *J Matern Fetal Neonatal Med.* 2020:33:2109-2115. PMID: 30353764. \*co-first authors.
- 26. Rosenbloom JI, **Lewkowitz AK**, Lindley KJ, Nelson DM, Macones GA, Cahill AG, Olsen MA, Stout MJ. Expectant management of hypertensive disorders of pregnancy and future cardiovascular morbidity. *Obstet Gynecol*. 2020;135:27-35. PMID: 31809423
- 27. Teal EN, **Lewkowitz AK**, Koser SLP, Tran CBN, Gaw SL. Quantifying the risks and benefits of continuing labor induction: Data for shared decision-making. *Am J Perinatology*. 2021;38:935-943. PMID: 32016925
- 28. Ayala NK, **Lewkowitz AK**, Rouse DJ. Delivery at 39 weeks gestation: the time has come. *Obstet Gynecol*. 2020; 4: 949-952. PMID: 32168223.
- 29. Lawal OD, Gold J, Murthy Am, Ruchi R, Bavry E, Hume AL, **Lewkowitz AK**, Brothers T, Wen X. The rate and predictors of prolonged opioid use after surgery: a systematic review and meta-analysis. *JAMA Netw Open.* 2020;3:e207367. PMID 32584407.
- 30. **Lewkowitz AK**, López JD, Carter EB, Duckham H, Strickland T, Macones GA, Cahill AG. Impact of a novel smartphone application on low-income women's breastfeeding rates: a randomized controlled trial. *Am J Obstet Gynecol MFM*. 2020;2;100143. PMID 33345878.

- 31. Veade A, McKinnish T, Carter E, **Lewkowitz A**. Associations among opioid prescribing and inpatient postpartum opioid usage after delivery. *AJP Report*. 2020;10:e275-e280. DOI: 10.1055/s-0040-1716906. PMID: 33094017.
- 32. **Lewkowitz AK**, López JD, Keller M, Rosenbloom JI, Macones GA, Olsen MA, Cahill AG. Association between delivering live-born twins and psychiatric illness within 1 year of delivery. *Am J Obstet Gynecol*. 2020. Online ahead of print. PMID: 32926857.
- 33. **Lewkowitz AK**, López JD, Werner EF, Ranney ML, Macones GA, Rouse DJ, Savitz DA, Cahill AG. Effect of a novel smartphone app on breastfeeding rates among low-income first-time mothers intending to exclusively breastfeed: a secondary analysis of a randomized controlled trial. *Breastfeed Med*. 2021;16:59-67. PMID: 33085510.
- 34. Maykin MM, Ukoha EP, Tilp V, Gaw SL, **Lewkowitz AK**. Therapeutic rest to reduce admission in early labor: a prospective study. *Am J Obstet Gynec MFM*. 2021. Online ahead of print. PMID: 33545440.
- 35. **Lewkowitz AK**, Ramsey PS, Burrell D, Metz TD, Rhoades JS. Effect of virtual interviewing on applicant approach to and perspective of the Maternal-Fetal Medicine Subspecialty Fellowship Match. *Am J Obstet Gynec MFM*. 2021. Online ahead of print. PMID: 33548511.
- 36. Rhoades JS, Ramsey PS, Metz TD, **Lewkowitz AK**. Maternal-fetal medicine program director experience of exclusive virtual interviewing during the Coronavirus disease 2019 (COVID-19) pandemic. *Am J Obstet Gynec MFM*. 2021. Online ahead of print. PMID: 33652158.
- 37. **Lewkowitz AK** and Cahill AG. Mobile health approaches to breastfeeding. *Clin Obstet Gynecol*. 2021. Online ahead of print. PMID: 33813523.
- 38. Griffin LB, López JD, Ranney ML, Macones GA, Cahill AG, **Lewkowitz AK**. Effect of novel breastfeeding smartphone applications (apps) on breastfeeding rates. *Breastfeed Med*. 2021. Online ahead of print. PMID: 33826418.
- 39. Wen X, Belviso N, Murray E, **Lewkowitz AK**, Ward KE, Meador KJ. Association of Gestational Opioid Exposure and Risk of Major and Minor Congenital Malformations. *JAMA Netw Open.* 2021. Apr1;4:e215708. PMID: 33847750.
- 40. Parobek CM, Russo ML, **Lewkowitz AK**. Privacy risks in prenatal aneuploidy and carrier screening: what obstetricians and their patients need to know. *Obstet Gynecol*. 2021; 137: 1074-1079. PMID: 33957653
- 41. Parobek CM, Russo ML, **Lewkowitz AK**. Privacy practices using genetic data from cell-free DNA aneuploidy screening. *Genet Med*. 2021. Online ahead of print. PMID: 34012070.
- 42. Teal EN, Gaw SL, **Lewkowitz AK**. Relationship between maternal age and labor induction duration and outcomes in nulliparous women. *J Matern Fetal Neonatal Med*. 2021. Online ahead of print. PMID: 34102937.

- 43. Parobek CM, Has P, Lorenzi P, Russo ML, Clark MA, **Lewkowitz AK**. What test did I have? Patient uncertainty about prenatal genetic screening. *Am J Obstet Gynecol*. 2021. Online ahead of print. PMID: 34051169.
- 44. McKinnish TR, Lewkowitz AK, Carter EB, Veade AE. Racial disparities in postpartum opioid prescribing practices. *BMC Pregnancy and Childbirth*. 2021;21:434. PMID: 34158016
- 45. Maykin MM and **Lewkowitz AK**. Reply to Letter to the Editor: Therapeutic rest in early labor unlikely to contribute to unplanned NICU admissions. *AJOG MFM*. 2021; online ahead of print. PMID: 34182188.
- 46. Wen X, Wang S, **Lewkowitz AK**, Ward KE, Brouseau C, Meador KJ. Maternal complications and prescription opioid exposure during pregnancy: Using marginal structural models. *Drug Safety*. 2021; online ahead of print. PMID: 34609720.
- 47. **Lewkowitz AK**, Schlichting L, Werner EF, Vivier PM, Kahn LG, Clark MA. Risk factors for new-onset postpartum depression or anxiety symptoms during the COVID-19 pandemic. *AJOG MFM*. 2022;4:100502. PMID: 34637960.
- 48. **Lewkowitz AK** and Rouse DJ. Miscommunication about low-dose aspirin for preeclampsia prevention: further support for universal prophylaxis. *JAMA Netw Open*. 2021;4:e2130960. PMID: 34714349.
- 49. **Lewkowitz AK**, Stout MJ, Cooke E, Deoni SC, DSa V, Rouse DJ, Carter EB, and Tuuli MG. Intravenous versus oral iron for iron-deficiency anemia in pregnancy (IVIDA): a randomized controlled trial. *Am J Perinatology*. 2021. Online ahead of print. PMID: 34839481
- 50. Ayala NK, **Lewkowitz AK**, Gjelsvik A, Monteiro K, Amanullah S. Antenatal depression and cesarean delivery among recently delivered nulliparous women in Rhode Island. *RI Med J.* 2022;105:32-36. PMID: 35081186.
- 51. Gould AJ, Recabo O, Has P, Werner EF, Clark MA, **Lewkowitz AK**. Association between unit of admission for induction of labor and birth satisfaction. *J Matern Fetal Neonatal Med*. 2022 8:1-7. PMID: 35260026.
- 52. Parobek C, Thorsen MM, Has P, Lorenzi P, Clark MA, Russo ML, **Lewkowitz AK**. Video education about genetic privacy and patient perspectives about sharing prenatal genetic data: a randomized trial. *Am J Obstet Gynecol*. 2022. Online ahead of print. PMID: 35351406.

#### NON-PEER REVIEWED PUBLICATIONS

1. **Lewkowitz AK**. "Middle Mexicans": Avoiding stigmatized identifies in the United States. Honors Thesis. Amherst College. May 2006.

#### PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Lawal OD, Slitt A, Aranow H, Brothers T, **Lewkowitz AK**, Weaver D, Gold J, Evers A, Dettecen O, Anusho, Cover C, Wen X. Clinical characteristics and factors associated with mortality in patients hospitalized with COVID-19: a systematic review and meta-analysis. Under review.

- 2. Whelan AR, Has P, Savitz DA, Danilack VD, **Lewkowitz AK**. Neonatal outcomes are similar between patients with resolved and those with persistent oligohydramnios. Under review.
- 3. Kole-White M, Ramos SZ, **Lewkowitz AK**. Timing of postpartum care and its effect on visit compliance. Under review.
- 4. Gould AJ, Ding JJ, Has P, Savitz DA, Danilack VA, **Lewkowitz AK**. Risk factors for respiratory distress syndrome among high-risk early-term and full-term deliveries. Under review.
- 5. Gandhi CR, Has P, Savitz DA, Danilack VA, **Lewkowitz AK**. Maternal and fetal outcomes among women treated with labetalol versus nifedipine for chronic hypertension. Under review.
- 6. Wang S, Meador KJ, Pawasauskas J, **Lewkowitz AK**, Ward KE, Taylor L, Brothers T, Wen X. Comparative safety analysis of opioid agonist treatment in pregnant women with opioid use disorder: a population-based study. Under review.
- 7. Rasiah SS, Raker C, Young A, Gupta M, **Lewkowitz AK**, Wagner SM. The association between gestational age and maternal adverse outcomes in patients undergoing TOLAC. Under review.
- 8. Polnaszek B, Reilly J, Raker C, **Lewkowitz AK**, Danilack VA. Oxytocin utilization for women undergoing an induction of labor by 1 kg/m2 increase in body mass index. Under review.
- 9. Lord MG, Ramos SZ, **Lewkowitz AK**, Savitz DA, Werner EF, Danilack VA. Development and internal validation of multivariable predictive models for preeclampsia and preterm delivery in pregnancies complicated by preexisting diabetes. Under review.
- 10. Rasiah, SR, Young A, Raker C, Gupta M, **Lewkowitz AK**, Wagner S. The association between gestational age and maternal adverse outcomes in patients undergoing trial of labor after cesarean. Under review.
- 11. Ayala NK, Schlichting L, **Lewkowitz AK**, Kole-White MB, Gjelsvik A, Monteiro K, Amanullah S. The association of antenatal depression and cesarean delivery among first time parturients. Under review.
- 12. Lord MG, Gould AJ, Clark MA, Rouse DJ, **Lewkowitz AK**. The AccuFlow Sensor: A Novel Digital Health Tool to Assess Intrapartum Blood Loss. Under review.
- 13. Whelan A, Rasiah SS, **Lewkowitz AK**, Gimovsky AC. Delivery mode among patients with oligohydramnios with or without fetal growth restriction by induction method. Under review.
- 14. Recabo OM, Gould AJ, Has P, Ayala NK, Kole-White MB, Danilack VA, Savitz DA, **Lewkowitz AK**. Neonatal outcomes among high-risk patients with grant multiparity. Under review.
- 15. Kogutt BK, **Lewkowitz AK**, O'Keefe D, Wong MS, Garite T. Call to Action: the time for obstetric innovation is now. In preparation.

#### **ABSTRACTS**

*International* 

- 1. **Lewkowitz AK\***, Zhao FH, Chen F, et al. Self-sampling HPV-DNA test accuracy for cervical cancer screening in China. 27th International Papillomavirus Conference. Berlin, Germany. Sep 2011. **ORAL**
- 2. Zhao FH, **Lewkowitz AK\***, Hu SY, et al. Estimation of Human Papillomavirus and Cervical Intraepithelial Neoplasia in China: A Pooled Analysis of 17 Population-Based Studies. European Research Organization on Genital Infection and Neoplasia: HPV Associated Diseases and Cancer. Lisbon, Portugal. May 2011. **ORAL**
- 3. **Lewkowitz AK\***, Raghuraman N, López JD, Macones GA, Cahill AG. Perceived optimal breastfeeding educational interventions among low-income women delivering at an American Baby-Friendly Hospital. 23<sup>rd</sup> Annual International Meeting of the Academy for Breastfeeding Medicine. San Francisco, CA. November 14-17, 2018. (Abstract #43).
- 4. **Lewkowitz AK\***, Raghuraman N, López JD, Macones GA, Cahill AG. Infant feeding practices and reported breastfeeding challenges among low-income women delivering at an American Baby-Friendly Hospital. 23<sup>rd</sup> Annual International Meeting of the Academy for Breastfeeding Medicine. San Francisco, CA. November 14-17, 2018. (Abstract #42).
- 5. **Lewkowitz AK\***, López JD, Carter EB, Duckham H, Strickland T, Macones GA, Cahill AG. Impact of a novel smartphone application on low-income women's breastfeeding rates: a randomized controlled trial. 25<sup>th</sup> Annual International Meeting of the Academy for Breastfeeding Medicine. Virtual Conference. November 5-7, 2020.
- 6. Griffin LB\*, López JD, Macones GA, Cahill AG, **Lewkowitz AK**. Does increased use of breastfeeding smartphone applications increase breastfeeding rates among low-income women? 25<sup>th</sup> Annual International Meeting of the Academy for Breastfeeding Medicine. Virtual Conference. November 5-7, 2020.
- 7. Parobek C, Has P, Lorenzi P, Clark MA, **Lewkowitz AK**, Russo ML. Inconsistent use of second-trimester maternal serum alpha-fetoprotein screening. 25<sup>th</sup> International Conference on Prenatal Diagnosis and Therapy. Virtual Conference. June 6-8, 2021.
- 8. Parobek C, Russo ML, **Lewkowitz AK**. Commercial sharing of genetic data from prenatal cell-free DNA screening: a systematic review of privacy practices. 25<sup>th</sup> International Conference on Prenatal Diagnosis and Therapy. Virtual Conference. June 6-8, 2021.

#### National

- 1. O'Donnell BE\*, **Lewkowitz AK**, Nakagawa S, Vargas JE, Zlatnik MG. Examining pregnancy-specific mobile media messages: What are patients being told? Society for Maternal-Fetal Medicine 34<sup>th</sup> Annual Meeting. New Orleans, Louisiana. February 3-8, 2014. (Abstract #434)
- 2. **Lewkowitz AK\*** O'Donnell BE, Nakagawa S, Vargas JE, Zlatnik MG. Social media messaging in pregnancy: How Text4Baby compares to popular smart phone applications. Society for Maternal-Fetal Medicine 34<sup>th</sup> Annual Meeting. New Orleans, Louisiana. February 3-8, 2014. (Abstract # 502)
- 3. McLean TA, **Lewkowitz AK\***, Test E, Zlatnik MG. Prenatal Purified Protein Derivative and Human Immunodeficiency Virus test completion rate pre- and post-Electronic Health Record implementation. American College of Obstetricians & Gynecologists, 2014 Annual Meeting. *Obstet Gynecol*. 2014 May; 123 Suppl 1:156S-7S. PMID: 24770050
- Lewkowitz AK\*, Nakagawa S, Thao K, et al. M. Predictors of concurrent cell-free DNA and Multiple Marker Screening or cell-free DNA screening after receipt of screen-negative Multiple Marker results. Society for Maternal-Fetal Medicine 36<sup>th</sup> Annual Meeting. Atlanta. February 1-6, 2016. (Abstract #325)
- 5. **Lewkowitz AK\***, Tuuli MG, Stout MJ, Woolfolk C, Roehl K, Macones GA, Cahill AG. Epidurals & the modern labor curve: how epidural timing impacts fetal station during active labor. Society for Maternal-Fetal Medicine 37<sup>th</sup> Annual Meeting. Las Vegas, Nevada. January 23-28, 2017. (Abstract #457)
- 6. **Lewkowitz AK\***, Tuuli MG, Cahill AG, Macones GA, Dicke JM. Are intermittently elevated UA Doppler Pulsatility Indices associated with increased risk of neonatal morbidity in pregnancies with

- intrauterine growth restriction? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #246).
- 7. **Lewkowitz AK\***, Raghuraman N, López JD, Macones GA, Cahill AG. Should the gold standard breastfeeding measure in socioeconomically disadvantage (SED) women be breastfeeding continuation, not initiation? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #247).
- 8. Teal EN\*, **Lewkowitz AK**, Koser S, Tran C, Siegel M, Gaw SL. Is duration of labor induction associated with increased risk of cesarean delivery for labor dystocia? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #563).
- 9. **Lewkowitz AK\***, Raghuraman N, López JD, Macones GA, Cahill AG. Reasons socioeconomically disadvantaged women quit breastfeeding: can better targeted educational interventions improve breastfeeding continuation rates? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #889).
- 10. **Lewkowitz AK\***, Raghuraman N, López JD, Macones GA, Cahill AG. Exclusively formula feeding among socioeconomically disadvantaged women: a necessity rather than a choice? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #890).
- 11. **Lewkowitz AK\***, Rhoades JS, López JD, Schulz R, Woolfolk CL, Macones GA, Cahill AG. Does a home-based lifestyle intervention improve breastfeeding rates in socioeconomically disadvantaged women? Society for Maternal-Fetal Medicine 38<sup>th</sup> Annual Meeting. Dallas, Texas. January 29-February 3, 2018. (Abstract #891).
- 12. Teal EN\*, **Lewkowitz AK**, Koser S, Tran C, Siegel M, Gaw SL. Does indication for induction of labor impact the duration of induction? 66<sup>th</sup> Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists. Austin, TX. April 27-30, 2018. (Abstract #10J).
- 13. Teal EN\*, **Lewkowitz AK**, Tran C, Koser S, Siegel M, Gaw SL. Maternal Morbidity Associated with Duration of Labor Induction? 66<sup>th</sup> Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists. Austin, TX. April 27-30, 2018. (Abstract #34K).
- 14. Teal EN\*, **Lewkowitz AK**, Tran C, Koser S, Siegel M, Gaw SL. Neonatal Morbidity Associated with Duration of Labor Induction? 66<sup>th</sup> Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists. Austin, TX. April 27-30, 2018. (Abstract #14L).
- 15. **Lewkowitz AK\***, Rosenbloom JI, Keller M, López JD, Macones GA, Olsen MA, Cahill AG. Is stillbirth associated with increased risk of severe psychiatric illness in the subsequent year? Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #121).
- 16. **Lewkowitz AK\***, López JD, Keller M, Rosenbloom JI, Macones GA, Olsen MA, Cahill AG. Is delivering multiples associated with increased risk of severe psychiatric illness within the following year? Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #122).
- 17. **Lewkowitz AK\***, Rosenbloom JI, Keller M, López JD, Macones GA, Olsen MA, Cahill AG. Is severe intrapartum maternal morbidity associated with increased risk of severe psychiatric illness within a year of delivery? Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #123).
- 18. Rosenbloom JI, **Lewkowitz AK**, Lindley KJ, Nelson DM, Macones GA, Cahill AG, Olsen MA, Stout MJ. Expectant management of preterm hypertensive disorders of pregnancy and long-term cardiovascular morbidity. Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #448).
- 19. Rosenbloom JI\*, Raghuraman N, Kelly JC, **Lewkowitz AK**, Rampersad RM, Macones GA, Chang SH, Cahill AG. Prophylaxis for recurrent herpes simplex virus prior to planned cesarean delivery. Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #639).

- 20. **Lewkowitz AK\***, Rosenbloom JI, López JD, Keller M, Macones GA, Olsen MA, Cahill AG. Is stillbirth associated with specific conditions within the CDC severe maternal morbidity composite? Society for Maternal-Fetal Medicine 39<sup>th</sup> Annual Meeting. Las Vegas, Nevada. February 10-16, 2019. (Abstract #813).
- 21. **Lewkowitz AK**, López JD, Carter EB, Duckham H, Strickland S, Macones GA, Cahill AG. Impact of a novel smartphone application on low-income women's breastfeeding rates: a randomized controlled trial. Society for Maternal-Fetal Medicine 40<sup>th</sup> Annual Meeting. Dallas, Texas. February 3-8, 2020. (Abstract #45). **ORAL**
- 22. Veade A, McKinnish T, Carter EB, **Lewkowitz AK**. Are discharge opioid prescribing patterns associated with inpatient postpartum opioid use after vaginal delivery? Society for Maternal-Fetal Medicine 40<sup>th</sup> Annual Meeting. Dallas, Texas. February 3-8, 2020. (Abstract #287).
- 23. McKinnish T, **Lewkowitz AK**, Carter EB, Veade A. Racial disparities in postpartum opioid prescribing for women undergoing cesarean section. Society for Maternal-Fetal Medicine 40<sup>th</sup> Annual Meeting. Dallas, Texas. February 3-8, 2020. (Abstract #515).
- 24. Veade A, McKinnish T, Carter EB, **Lewkowitz AK.** Is there a racial disparity among opioid prescribing practices after vaginal delivery? Society for Maternal-Fetal Medicine 40<sup>th</sup> Annual Meeting. Dallas, Texas. February 3-8, 2020. (Abstract #711).
- 25. McKinnish T, **Lewkowitz AK**, Carter EB, Veade A. Inpatient opioid use and prescribing practices after cesarean delivery. Society for Maternal-Fetal Medicine 40<sup>th</sup> Annual Meeting. Dallas, Texas. February 3-8, 2020. (Abstract #1173).
- 26. Gandhi C, Has P, Savitz DA, Danilack VA, **Lewkowitz AK**. Among pregnant women with chronic hypertension, do outcomes differ between those on nifedipine versus labetalol? Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #184).
- 27. Whelan A, Has P, Savitz DA, Danilack VA, **Lewkowitz AK**. Are perinatal outcomes improved among patients with resolved versus persistent oligohydramnios? Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #264).
- 28. Teal EN, Rashad MZ, **Lewkowitz AK**, Gaw SL, Sobhani N. Is a calculator validated to predict cesarean among induced women accurate in a strictly nulliparous population? Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #601).
- 29. Parobek C, Has P, Rouse DJ, Savitz DA, **Lewkowitz AK**, Danilack VA. Shorter exposure to hypertensive disorders at delivery associated with progression to more severe diseae. Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #717).
- 30. Parobek C, Has P, Russo ML, Clark MA, **Lewkowitz AK**. Patient knowledge about their own genetic screening: implications about informed consent. Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #723).
- 31. Ramos SZ, Has P, Gimovsky AC, Savitz DA, Danilack VA, **Lewkowitz AK**. Neonatal outcomes in patients with resolved versus persistent uncomplicated fetal growth restriction. Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #1070).
- 32. Lord MG, Ramos SZ, **Lewkowitz AK**, Savitz DA, Werner EF, Danilack VA. Among women with preexisting diabetes, can preeclampsia or preterm delivery be predicted? Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #1082).
- 33. Stoever K, Has P, Savitz DA, Danilack VA, **Lewkowitz AK**. Maternal and neonatal outcomes of a subsequent pregnancy after stillbirth. Society for Maternal-Fetal Medicine 41<sup>st</sup> Annual Meeting. Virtual format. January 25-30, 2021. (Abstract #1085).
- 34. **Lewkowitz AK**, Schlichting L, Werner EF, Vivier PM, Kahn LG, Clark MA. Predictors and consequences of postpartum depression or anxiety symptoms during the COVID-19 pandemic. Marcé of North America 2021 Virtual Conference. October 21-23, 2021.

- 35. Parobek CM, Has P, Lorenzi P, Clark MA, Russo ML, **Lewkowitz AK**. Mobile health education and patient perspectives on sharing prenatal genetic data: a randomized trial. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #73). **ORAL**.
- 36. Polnaszek B, Reilly J, Raker C, **Lewkowitz AK**, Danilack VA. Induction of labor for women with obesity: "Weigh" more Pitocin? Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #423).
- 37. Recabo O, Gould AJ, Has P, Ayala NK, Kole-White MB, Danilack VA, Savitz DA, **Lewkowitz AK**. Are infants born to high-risk patients with grand multiparity at increased risk of adverse outcomes? Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #461).
- 38. Lord MG, Gould AJ, Clark MA, Rouse DJ, **Lewkowitz AK**. The AccuFlow Sensor: A Novel Tool to Assess Intrapartum Blood Loss. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #573).
- 39. Polnaszek B, Danilack VA, Has P, Russo ML, Savitz DA, **Lewkowitz AK**. Spontaneous obstetric anal sphincter injury among high-risk multiparous women following non-operative delivery: Passenger problems? Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #750).
- 40. Ayala NA, Schlichting L **Lewkowitz AK**, Kole-White MB, Gjelsvik A, Amanullah S. Association between antenatal depression and cesarean delivery among nulliparous patients. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #936).
- 41. Griffin LB, Anderson MC, Has P, **Lewkowitz AK**. Pilot RCT of the Feasibility and Effectiveness of Antepartum Video Breastfeeding Education on Breastfeeding rates. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #953).
- 42. Whelan A, Rasiah SS, **Lewkowitz AK**, Gimovsky AC. Delivery mode among patients with oligohydramnios with or without fetal growth restriction by induction method. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #998).
- 43. Polnaszek B, Ramos SR, Danilack VA, Hamel M, Has P, Savitz DA, Tuuli MG, **Lewkowitz AK**. Spontaneous obstetric anal sphincter injury among nulliparous women with non-operative vaginal delivery: Modifiable risk factors? Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #1069).
- 44. Rasiah SS, Raker C, Young A, Gupta M, **Lewkowitz AK**, Wagner SM. The association between gestational age and maternal adverse outcomes inpatients undergoing TOLAC. Society for Maternal-Fetal Medicine 42<sup>nd</sup> Annual Meeting. Virtual Format. January 31 February 5, 2022. (Abstract #1150).

#### <u>Regional</u>

- 1. **Lewkowitz AK\***, Nakagawa S, Thao K, O'Leary A, Nseyo O, Kuppermann M. Sociodemographic and attitudinal predictors of simultaneous and redundant multiple marker and cell-free DNA screening among women aged ≥ 35 years. UCSF Multidisciplinary Resident Research Conference. San Francisco, CA. May 2016. **ORAL**
- Lewkowitz AK\*, Rosenbloom JI, Keller M, López JD, Macones GA, Olsen MA, Cahill AG. Association between Stillbirth and Postpartum Psychiatric Illness. Barnes-Jewish Hospital's Rothman Research Day, Department of Obstetrics and Gynecology. April 2019. ORAL
- 3. Teal EN\*, **Lewkowitz AK**, Tran CBN, Koser SLP, Gaw SL. Racial/Ethnic Disparities in Labor Induction Outcomes at UCSF. 13<sup>th</sup> Annual Health Disparities Symposium, University of California, San Francisco. October 2019. **ORAL**

#### **OTHER MEDIA**

1. Heart palpitations during pregnancy. US News. August 2019

#### **INVITED PRESENTATIONS:**

#### International

- 1. US AID Advancing Nutrition: International COVID-19 and Infant Feeding Research Group Meeting. Virtual format. "Mobile Health Approaches to Breastfeeding." June 4, 2021
- 2. iLactation. 19<sup>th</sup> Annual Online Breastfeeding Conference: "#breastfeedinggoals". Virtual format. "Mobile Health Approaches to Breastfeeding." September 15, 2021

#### National

- 1. Society for Maternal-Fetal Medicine Webinar. "Tip and Tricks to Make Virtual Interviews a Success." May 14, 2020
- 2. Phoenix Country Day School. "Alumni in Health Professions Virtual Panel." September 29, 2020
- 3. Society for Maternal-Fetal Medicine Conference All-Fellows Mini-Retreat. Virtual Format. Event organizer and "Life After Fellowship" Panelist. January 24, 2021.
- 4. Society for Maternal-Fetal Medicine Conference. Virtual Format. Obstetrics Innovation Network Scientific Forum. "Patient Engagement, Behavioral Modification, and Mobile applications in Obstetrics." January 27, 2021.
- 5. American Professors of Obstetrics & Gynecology / Council on Resident Education in Obstetrics and Gynecology Conference. Council for Fellowship Training in Obstetrics & Gynecology Workshop. "Virtual Interviewing from Many Perspectives." March 1, 2021.
- 6. Society for Maternal-Fetal Medicine First Year Fellow's Retreat. Panelist: "Benefits and Pitfalls of a Career with a Research Emphasis." Itasca, IL. October 24, 2021
- 7. Society for Maternal-Fetal Medicine Conference All-Fellows Mini-Retreat. Virtual Format. Event organizer and "Life After Fellowship" Panelist. January 30, 2022.

#### Regional

- 1. Alton Memorial Hospital. Department of Obstetrics and Gynecology. Grand Rounds. "Bias in Caring for Mothers with Substance Abuse Disorders." Alton, IL. March 13, 2019
- 2. American College of Obstetricians and Gynecologists Indiana Section Annual Meeting. Virtual format. "Technology and Obstetrics: Focus on Breastfeeding." September 15, 2021
- 3. American College of Obstetricians and Gynecologists Indiana Section Annual Meeting. Virtual format. "Inductions Galore: Navigating Patient Throughput and Birth Satisfaction in a Post-ARRIVE World." September 15, 2021

#### Local

1. St. Louis Metro Area Sonographers Meeting. Guest Lecturer. "Review of Fetal Anomalies." St. Louis, MO. September 15, 2017

- 2. Washington University School of Medicine in St. Louis, Center for Administrative Data. Guest Lecturer. St. Louis, MO. "Adverse birth experiences and postpartum psychiatric illness: a population-wide perspective." February 18, 2019
- 3. Washington University School of Medicine in St. Louis, Department of Obstetrics and Gynecology. Grand Rounds. St. Louis, MO. "Postpartum: Obstetrics' Last Frontier." March 13, 2019.
- 4. Alpert School of Medicine/Women & Infants Hospital, Departments of Pediatrics, Obstetrics & Gynecology, and Pathology. Combined Perinatal Conference. Providence, RI. "Fetal Bradycardia." December 4, 2019.
- 5. Alpert School of Medicine/Women & Infants Hospital, Department of Obstetrics & Gynecology. Grand Rounds. Providence, RI. "Postpartum: Obstetrics' Last Frontier." March 05, 2020.
- 6. Alpert School of Medicine/Women & Infants Hospital, Departments of Obstetrics & Gynecology and Pediatrics. Fellows' Workshop in Clinical Research Design. Providence, RI. "Technology in Healthcare Research." August 27, 2020.
- 7. University of Rhode Island. Course: Safety and Quality Improvement in Healthcare. "Reporting Medication Errors, Near Misses, and Adverse Events." September 22, 2020.
- 8. Brown School of Public Health, Division of Health Services Research. Course PHP2023: Maternal and Child Health in the United States. "Evidence-based Preconception and Prenatal Care." October 6, 2020.
- 9. Alpert School of Medicine/Women & Infants Hospital, Department of Obstetrics & Gynecology. Webinar. Providence, RI. "Antiracism Conversation on Addressing Health Disparities in Obstetrics." November 12, 2020.
- 10. Brown School of Public Health, Hassenfeld Child Health Innovation Institute. Hassenfeld Advisory Council Meeting. "Effect of COVID-19 on postpartum depression or anxiety and pediatric healthcare utilization." April 7, 2021.
- 11. Alpert School of Medicine/Women & Infants Hospital, Department of Obstetrics & Gynecology. Inter-professional Rounds. Providence, RI. "Fact Versus Fiction: Evidence on labor curves, labor management, and second stage." April 7, 2021.
- 12. Alpert School of Medicine/Women & Infants Hospital, Department of Obstetrics & Gynecology. Grand Rounds. Providence, RI. "Mentor Moments: Reflections on the Journey of the Mentor/Mentee." August 5, 2021.
- 13. Alpert School of Medicine/Women & Infants Hospital, Departments of Pediatrics, Obstetrics & Gynecology, and Pathology. Combined Perinatal Conference. Providence, RI. "Fetal Alcohol Syndrome." September 1, 2021.
- 14. University of Rhode Island. Course: Safety and Quality Improvement in Healthcare. "Reporting Medication Errors, Near Misses, and Adverse Events." September 21, 2021.

- 15. Brown School of Public Health, Division of Health Services Research. Course PHP2023: Maternal and Child Health in the United States. "Preconception and Prenatal Care." September 30, 2021.
- 16. Women & Infants Hospital and flourish fund. Flourishing Families Virtual Series: Building your Village from Pregnancy to Parenthood. "Why Support Systems are Needed for Maternal Mental Health." November 20, 2021

#### **GRANTS**:

#### Active:

1. Fully quantitative cervical elastography to predict preterm birth

University of Michigan Frankel Innovation Initiative

Role: Co-Investigator (PI Stout) Date: January 2021 – December 2022

Funding (direct): \$1,800,000

2. A novel app-based cognitive behavioral therapy intervention for preventing postpartum depression

(K23-HD103961) NIH NICHD

Role: Principal Investigator

Date: September 2021 – August 2026

Funding (direct): \$898,555

3. Implementing an App-Based Remote Blood Pressure Monitoring Program to Reduce Health

Disparities Among Women with Pregnancy-Associated or Preexisting Hypertension

Essential Hospitals Institute/CVS Health Foundation

Role: Principal Investigator

Date: December 2021 – June 2023

Funding (direct): \$45,000

#### **Pending**:

1. A Multicenter Randomized Trial of IV vs Oral Iron for Treating Iron-Deficiency Anemia in Pregnancy

Pharmacosmos (supplement to NIH/NICHD R-01 Grant)

Role: Principal Investigator

Date: 2022-2027

#### **Completed funding:**

1. Sociodemographic and attitudinal predictors of prenatal aneuploidy screening.

(UL1 TR000004)

NIH: UCSF Clinical and Translational Science Institute (Resident Research Grant)

Role: Principal investigator (Mentor: Kuppermann)

Date: November 2012 – November 2014

Funding (direct): \$5,000

2. T32 Training grant recipient

(T32HD055172-08)

NIH NICHD

Role: Awardee (PI Macones) Date: July 2017 – July 2019

3. A Novel Smartphone App to Increase Postpartum Weight Loss by Increasing Breastfeeding Rates Among Low-income, Urban Women

(2P30DK092950)

NIH/NIDDK

Role: Pilot grant award co-investigator (project PI Cahill; Grant PI Haire-Joshu)

Date: January 2018 – December 2018

Funding (direct): \$20,000

4. *Impact of a smartphone app on breastfeeding & weight loss among low-income women* (UL1TR002345)

NIH/WUSTL Institute of Clinical and Translational Sciences

Role: Pilot grant award co-investigator (project PI Cahill; Grant PI Evanoff)

Date: March 2018 – February 2019

Funding (direct): \$55,000

5. Impact of video education on patients' knowledge and attitudes of privacy in prenatal genetics

Rhode Island Foundation Role: Principal Investigator Date: April 2020 – March, 2021 Funding (direct): \$25,000

6. *Postpartum visit timing and the effect on visit attendance: a randomized controlled trial* Constance A. Howes Women's Health Innovation Research Fund, Women & Infants Hospital

Role: Co-Investigator (PI Kole)

Date: January 2021 – September, 2022

Funding (direct): \$39,373

#### MEDICAL SCHOOL, UNIVERSITY, AND HOSPITAL TEACHING ROLES

2016-2019	Lecturer, Resident Obstetrics Lecture Series, Washington University School of Medicine
	in St. Louis, Department of Obstetrics and Gynecology (2 sessions per year)
2017-2019	Lecturer, CAPSTONE Course, Washington University School of Medicine in St. Louis,
	Department of Obstetrics and Gynecology. "Obstetric Triage, Diabetes in Pregnancy, and
	Hypertension in Pregnancy" (2 sessions per year)
2019-	Co-Creator, LDR Board Rounds Educational Curricula for Labor & Delivery Providers,
	Women and Infants/Alpert Medical School of Brown University, Department of Obstetrics
	and Gynecology
2020-	Faculty Leader, Obstetric Simulation, Women & Infants/Alpert Medical School of Brown

Faculty Leader, Obstetric Simulation, Women & Infants/Alpert Medical School of Brown University, Department of Obstetrics and Gynecology (1-3 sessions per year)

2021- **Creator**, MFM Fellows Research Curriculum (Series of lectures on epidemiology, biostatistics, research methodology, and STATA)

2022- **Co-Creator** and Facilitator, "Ethical Principles in Obstetrics" (Interactive education given to all MSIII during their OBGYN Clerkship)

2022- Creator, Interdivisional Obstetric Research Meeting Series

## RESEARCH MENTORSHIP

2017-	Resident Research Advisor, University of California, San Francisco, Department of			
	Obstetrics, O	Gynecology, & Reproductive Sciences		
	2017-	Nicole Teal, MD, MPH. Relationship between maternal age and labor		
		induction duration and outcomes in nulliparous women. Retrospective		
		cohort study. Manuscript #27 & 42; National Abstracts #8, 12, 13, 14 &		
		28; Regional abstract #3		
	2017-2018	Melanie Maykin, MD. Therapeutic Rest to Delay Admission in Early		
		Labor: A Study on Morphine Sleep. Prospective cohort study. <b>Manuscript</b> #34 & 45		
2019-	Resident Research Advisor, Barnes-Jewish Hospital/Washington University School of			
	Medicine in	St .Louis, Department of Obstetrics and Gynecology		
	2019-	Taylor McKinnish, MD. Race-based differences in postpartum opioid		
		prescriptions. Retrospective Cohort Study. Manuscript #31 & 44; National Abstracts #24, 25, 26, & 27		
2019-	Resident Re	search Advisor, Women and Infants/Alpert Medical School of Brown		
		Department of Obstetrics and Gynecology		
	2019-	<u>Christian Parobek, MD, PhD</u> . Privacy and prenatal genetics: a study of		
		patients' knowledge and attitudes. Randomized trial. Completed Grant #5;		
		Manuscripts #40, 41, & 43; International Abstracts #7 & 8; National		
		Abstracts #29, 30, 35		
	2019-	Laurie Griffin, MD, PhD. Impact of breastfeeding education video on infant		
		nutrition. Randomized feasibility study. Manuscript #38. International		
		Abstract #6. National Abstracts #38		
	2020-	Amber Young, MD. Hypertensive Disorders and Postpartum Mood.		
		Retrospective cohort study. National Abstract # 44		
	2021-	Megan Smith, MD. Patient satisfaction of Maternal-Fetal Medicine		
		Involvement in Gestational Diabetes Management. Cross-Sectional study.		
2019-		earch Advisor, Women and Infants/Alpert Medical School of Brown		
	University, Medicine	Department of Obstetrics and Gynecology, Division of Maternal-Fetal		
	2019-	Megan Lord, MD. Thesis advisor. Utility of a non-invasive blood perfusion		
		sensor to detect intrapartum obstetrical hemorrhage. Pilot prospective trial.		
		National Abstract #32, 38		
	2019-	Nina Ayala, MD. Impact of patient personality on obstetric outcomes.		
		Prospective cohort. Manuscript #28. National Abstract #40		
	2020-	Anna Whelan, MD. Thesis advisor. Assessment of scores on the Labour		
		Agentry Scale in patients with and without diagnosis of depression and/or		
		anxiety. Prospective cohort. National Abstract #27, 42		
2020-		dent Research Advisor, Alpert Medical School of Brown University		
	2020-2021	Alexander Gould, MSIII. Year sabbatical. Factors affecting birth		
		satisfaction after induction of labor. Prospective cohort. National Abstract		
		#37, 38		
	2021	Marie Anderson, MSII. 4-week research elective. Impact of breastfeeding		
		education video on infant nutrition. Randomized feasibility study. <b>National Abstract #41</b>		
	2021-2022	Olivia Recabo, MSIV. Year sabbatical. Effect of video education on birth		
		satisfaction after induction of labor. Pre/post intervention study. National		
		Abstract #37		

- Judge, Resident & Fellows Research Day, Women & Infants/Alpert Medical School of Brown University, Department of Obstetrics and Gynecology
- 2021- Masters in Science in Clinical and Translational Research Thesis Advisor, Brown University School of Public Health,
  - Nina Ayala, MD. Maternal affective characteristics, mode of delivery, and childhood learning outcomes. Prospective cohort.
- 2021- Mentor for Scholarly Concentration in Reproductive Health, Alpert Medical School of Brown University
  - 2021- <u>Eleanor Brakewood</u>.\* Implementing Remote Blood Pressure Monitoring Program for Women with Pregnancy-Associated or Preexisting Hypertension. Pre/Post Quality Improvement Project.
  - 2021- <u>Julia Rossen</u>. Amnioinfusion for intrauterine neuroprotection: a pilot randomized trial. Planned secondary analysis regarding patient decision-making to participate in the trial.
  - 2021- Shagun Vashisth.\* Patient satisfaction of Maternal-Fetal Medicine Involvement in Gestational Diabetes Management: A Cross-Sectional study. Planned secondary analysis examining whether type of gestational diabetes affects patient satisfaction.
  - \*: Also awarded a Summer Research Experience grant from Alpert Medical School for \$2,500 to support completion of their project

### **CLINICAL AND CAREER MENTORING**

2020-	Member, Undergraduate Medical Education Career Mentorship Committee, Department of		
	Obstetrics an	nd Gynecology, Women & Infants Hospital	
	2020-2021	Sarena Hayer: matched to Oregon Health Sciences University	
	2020-2021	Danielle Hollenbeck-Pringle: matched to University of Illinois Chicago	
	2020-	Langbo Yang: UCLA South American Program in HIV Prevention	
		Research 2021-2021; Also accepted as Fulbright 2020-2021 (Morocco)	
	2021-	Carol Shi	
	2022-	Audra Fain	
2020-	Resident Me	ntor, Department of Obstetrics and Gynecology, Women & Infants Hospital	
	2020-2021	Kara Stoever, MD (PGY-3)	
	2021-2022	Margie Thorsen, MD (PGY-3)	
2020-	Virtual Elect	ive in OBGYN Mentor, Department of Obstetrics and Gynecology, Women &	
	Infants Hospital		
	2020	Omar Najjar: matched to Women & Infants Hospital	
2021-	Fellow Ment	or, Department of Obstetrics and Gynecology, Women & Infants Hospital	
	2021-	Brock Polnaszek, MD	

Name: Adam Korrick Lewkowitz, MD, MPHS

Date of Birth: June 18, 1984 Place of Birth: Phoenix, Arizona

Gender: Male