

Curriculum Vitae
Nina K. Ayala, MD

Department of Obstetrics and Gynecology
Alpert Medical School of Brown University
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www.ncbi.nlm.nih.gov/myncbi/nina.ayala.1/bibliography/public/



EDUCATION

Undergraduate: **Brown University**
Providence, RI
Science Bachelor (Sc. B.) Neuroscience, 2006-2010
Honors: Program in Liberal Medical Education (PLME)

Medical School: **Warren Alpert Medical School of Brown University**
Providence, RI
Doctor of Medicine (M.D.) 2010-2014
Honors: Alpha Omega Alpha (ΑΩΑ) Honor Society, Scholarly Concentration in Medical Education, Bray Fellowship in Humanism in Medicine, Jack and Edna Saphier Award in Obstetrics and Gynecology

Other Advanced Degrees: **Brown University School of Public Health**
Providence RI
Masters (Sc. M.) in Clinical and Translational Research
2021-2023 (anticipated)
Honors: Public Health Honors Scholarship
Delta Omega National Honor Society

POSTGRADUATE TRAINING

Residency: **Northwestern University**
Obstetrics and Gynecology
Chicago IL, 2014-2018

Fellowship: **Women & Infants Hospital, Alpert Medical School of Brown University**
Maternal Fetal Medicine
Providence RI, 2018-2021

POSTGRADUATE HONORS AND AWARDS

2015-2018	Award for Excellence on CREOG Inservice Exam, Feinberg School of Medicine of Northwestern University
2016, 2018	Resident Teaching Award, Feinberg School of Medicine of Northwestern University
2017-2018	Education Chief Resident, Feinberg School of Medicine of Northwestern University
2018	American Journal of Obstetrics and Gynecology (AJOG) Society of Maternal Fetal Medicine (SMFM) Research Excellence Award
2019-2021	Hassenfeld Clinical Fellow Scholars Program, Hassenfeld Child Health Innovation Institute of Brown University
2020	Positive Champion for the Learning Environment Award, Alpert Medical School of Brown University
2020	Fellow Excellence in Resident Teaching Award, Alpert Medical School of Brown University
2020	Fellow Excellence in Medical Student Teaching Award, Alpert Medical School of Brown University
2021	Top Fellow, Resident Teaching Award, Alpert Medical School of Brown University
2022	Delta Omega National Honorary Society of Public Health

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2014-2018	State of Illinois Medical License: 125.065298 (<i>inactive</i>)
2018	State of Rhode Island Medical License: 16234
2018	State of Massachusetts Medical License: 274964
2020	American Board of Obstetrics and Gynecology Board Certified: Obstetrics and Gynecology
2021	American Board of Obstetrics and Gynecology Board Eligible: Maternal Fetal Medicine

ACADEMIC APPOINTMENTS

2018-2021	Teaching Fellow Alpert Medical School of Brown University
2021-Pres	Assistant Professor of Obstetrics and Gynecology Division of Maternal Fetal Medicine, Alpert Medical School of Brown University
2021-Pres	Resident Rotation Co-director, Maternal Fetal Medicine Alpert Medical School of Brown University
2021-Pres	Sub-internship Rotation Director, Maternal Fetal Medicine Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

- 2020-Pres Medical Director of the Antenatal Care Unit, Women & Infants Hospital of Rhode Island
- 2021-Pres Active medical staff, Women and Infants Hospital, Providence, RI
- 2022-Pres Active medical staff, Rhode Island Hospital, Providence, RI

OTHER APPOINTMENTS and POSITIONS

- 2021-2022 Alternate Principal Investigator, NICHD Maternal Fetal Medicine Units Network Women and Infants Hospital/Brown University

HOSPITAL COMMITTEES

- 2012-2014 Curriculum Committee, Alpert Medical School of Brown University
- 2018-Pres Internal Review Board (IRB), Women & Infants Hospital, Providence RI
- 2019-2021 Code Committee Women & Infants Hospital, Providence RI
- 2019-Pres Obstetric Peer Review Committee, Women & Infants Hospital, Providence RI
- 2020-Pres Patient Safety Steering Committee, Women & Infants Hospital, Providence, RI
- 2021-Pres Quality Committee, Women & Infants Hospital, Providence, RI
- 2021-Pres Value Based Care Committee, Women & Infants Hospital, Providence, RI
- 2021-Pres Practice Guidelines Committee, Women & Infants Hospital, Providence, RI

UNIVERSITY COMMITTEES

- 2021-2022 Committee member, Neonatal Intensive Care Unit (NICU) Director Search, Department of Obstetrics and Gynecology, Alpert Medical School of Brown

MEMBERSHIP IN SOCIETIES

- 2013-Pres American College of Obstetrics and Gynecology
- 2016-Pres Society for Maternal Fetal Medicine
- 2020-2023 Elected Member, Education Committee
- 2020-Pres American Institute of Ultrasound in Medicine
- 2022-Pres Society for Digital Mental Health
- 2022-Pres North American Society for Psychosocial Obstetrics and Gynecology
- 2022-Pres International Marcé Society for Perinatal Mental Health

EDITORIAL REVIEWER

- 2018-Pres American Journal of Perinatology
- 2019-Pres Perinatology
- 2021-Pres Obstetrics and Gynecology
- 2021-Pres Journal of the American Medical Association
- 2021-Pres BMC Pregnancy and Childbirth
- 2022-Pres American Journal of Obstetrics and Gynecology

2022-Pres American Journal of Obstetrics and Gynecology- Maternal Fetal Medicine

PUBLICATIONS

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1) Cornwall AH, Zaller N, Warren O, Williams K, **Karlsen-Ayala N**, Zink B. A pilot study of emergency medical technicians' field assessment of intoxicated patients' need for ED care. *Am J Emer Med.* 2012 Sept; 30(7): 1224-8.
- 2) **Ayala NK**. The strength to fall apart. *Acad Emer Med.* 2013 Jan; 20 (1): 115.
- 3) **Ayala NK**, MacDonnell C, Dumenco L, Dollase R, George P. A Cross-Sectional Analysis of Interprofessional Education in Medical Students. *Ann Behav Sci and Med Educ* 2014; 20(6).
- 4) Son M, Grobman WA, **Ayala NK**, Miller ES. A universal mid-trimester transvaginal cervical length screening program and its associated reduced preterm birth rate. *Am J Obstet Gynecol.* 2016 Mar; 214(3):365-70.
- 5) **Ayala NK**, Glaser LM, Milad MP. Laparoscopic adhesiectomy to treat isolated, symptomatic chlamydial perihepatitis. *J Minim Invasive Gynecol.* Nov 2017; 24(7): S139.
- 6) **Ayala NK**, Drury KE, Maniar, KP and Milad MP. Cellular Angiofibroma in the Space of Retzius: a Case Report. *J Med Surg Pathol.* 2018 Apr; 3(2).
- 7) **Ayala NK**, Ernst LM, Miller ES. Is umbilical coiling genetically determined? *J Perinatol.* 2018, Jun; 38(6): 653-657.
- 8) **Ayala NK** and Rouse DJ. A Nudge Toward Universal Aspirin for Preeclampsia Prevention. *Obstet Gynecol.* 2019, Apr; 133(4): 725-728.
- 9) **Ayala NK** and Rouse DJ. Nondefinitive studies of labor induction methods: Enough Already! *Obstet Gynecol.* 2019 Jul;134(1): 7-9.
- 10) **Ayala NK**, Kole MB, Forcier M, Halliday J, Russo ML. Sex discordance between cell-free fetal DNA and mid-trimester ultrasound: a modern conundrum. *Prenat Diagn.* 2020 Mar;40(4)514-516.
- 11) Swanson K, **Ayala NK**, Barnes RB, Yee LM. Understanding gestational surrogacy in the United States: a primer for obstetricians/gynecologists. *Am J Obstet Gynecol* 2020 Apr;222(4):330-337.

- 12) **Ayala NK**, Lewkowitz AK, Rouse DJ. Delivery at 39 weeks of gestation: the time has come. *Obstet Gynecol*. 2020 Apr;135(4):949-952.
- 13) Kole MB, **Ayala NK**, Clark M, Has P, Werner EF. Coping with the unexpected: patient trust in physicians following delivery. *Am J Perinatol*, 2020 Jun;37(7): 666-670.
- 14) Leviter JI, Sojar S, **Ayala NK**, Wing R. Thyrotoxicosis in a Postpartum Adolescent: A Simulation Case for Emergency Medicine Providers. *MedEdPortal*. 2020 Sept 10;16:10967
- 15) **Ayala NK**, Schlichting L, Kole MB, Clark M, Vivier P, Viner-Brown S, Werner EF. Operative vaginal delivery and third grade educational outcomes. *Am J Obstet Gynecol MFM* 2020 Nov; 2(4):100221.
- 16) Kole MB, **Ayala NK**, Clark MA, Has P, Esposito M, Werner E. Factors associated with hypoglycemia among neonates born to mothers with gestational diabetes. *Diabetes Care*. 2020 Dec;43(12)e194-195.
- 17) Premkumar A, **Ayala NK**, Miller C, Miller ES, Grobman, WA. Postpartum NSAID use and adverse outcomes among women with hypertensive disorders of pregnancy: A systematic review and meta-analysis. *Am J Perinatol*. 2021 Jan;38(1) 1-9.
- 18) Kole-White MB, Griffin L, Ding JJ, **Ayala NK**, Has P, Werner EF. Breastfeeding success among women with gestational diabetes managed by diet only compared to those requiring medications. *Breastfeed Med* 2021 May;16(5):419-23.
- 19) Hunter L, **Ayala NK**. Parvovirus B19 in Pregnancy: A case review. *J Midwifery Womens Health* 2021 May;66(3):385-390.
- 20) Griffin L, Ding JJ, Has P, **Ayala NK**, Kole-White MB. Lactation consultation by an International Board Certified Lactation Consultant improves breastfeeding rates for mothers with gestational diabetes mellitus. *J Human Lactation* 2022 Feb; 38(1):141-147.
- 21) **Ayala NK**, Schlichting L, Kempner M, Clark M, Vivier P, Viner-Brown S, Werner EF. Maternal Hypertension, Small for Gestational Age and Childhood Educational Outcomes. *Pregnancy Hypertens* 2021 Aug;25:249-254.
- 22) Whelan AR, **Ayala NK**, Werner EF. Postpartum use of weight loss and metformin for prevention of type 2 diabetes mellitus: a review of the evidence. *Curr Diab Rep* 2021 Sep8;21(10):37.

- 23) **Ayala NK**, Lewkowitz AK, Gjelsvik A, Monteiro K, Amanullah S. Antenatal depression and cesarean delivery among recently-delivered nulliparous women in Rhode Island. *RIMJ* 2022 Feb;105(1): 32-36.
- 24) **Ayala NK**, Rouse DJ. Assessment and interpretation of small and underpowered randomized clinical trials. *Clin Obstet Gynecol.* 2022 Jun 1;65(2)252-259.
- 25) Dizon MLV, deRegnier RO, Weiner SJ, Varner MW, Rouse DJ, Costantine MM, Wapner RJ, Thorp JM, Blackwell SC, **Ayala NK**, Saad AF, Caritis SN. Differential gene expression in cord blood of infants diagnosed with cerebral palsy. *Dev Neurosci* 2022;44(4-5):412-425.
- 26) **Ayala NK**, Whelan AR, Recabo O, Cersonsky TEK, Lewkowitz AK. Dispositional optimism, mode of delivery and perceived labor control among recently delivered parturients. *Am J Perinatol* 2022 Jun 23.
- 27) **Ayala NK**, Rouse DJ. Failed induction of labor: clinical expert series. *AJOG.* 2022 Sept 6.
- 28) Lewkowitz AK, Cersonsky TEK, Reddy UM, Goldenberg RL, Dudley DJ, Silver RM, **Ayala NK**. Association between lack of paternal support after stillbirth and development of maternal postpartum depression or anxiety. *JAMA Open.*

PUBLICATIONS SUBMITTED OR IN PREPARATION

- 1) Grossman C, Schlichting L, Vivier P, Clark M, Werner EF, Viner-Brown S, **Ayala NK**. Third grade educational outcomes of the children of adolescent women. Accepted *Mat Child Health J.*
- 2) **Ayala NK**, Schlichting L, Lewkowitz AK, Kole-White MB, Gjelsvik A, Monteiro K, Amanullah S. Antenatal depression and cesarean delivery among nulliparous women. Accepted *Am J Perinatol*
- 3) Bublitz MH, Salmoirago-Blotcher E, Sanapo S, Mehta N, **Ayala NK**, Bourjeily G. Feasibility, acceptability and preliminary effects of mindfulness training on maternal blood pressure in pregnancy. Under review at *AJOG MFM.*
- 4) Recabo O, Gould AJ, Has P, **Ayala NK**, Kole-White MK, Danilack VA, Savitz DA, Lewkowitz AL. Neonatal outcomes among high risk patients with grand multiparity. Under review at *AJOG MFM.*
- 5) Gimovsky AC, Rasiah SR, Vergara-Lopez C, Has P, Ayala NK, Stroud LS. Psyche: The 5th "P" and Its Impact on the Second Stage of Labor. Under review at *Am J Obstet Gynecol.*
- 6) Whelan AR, Recabo O, **Ayala NK**, Clark M, Lewkowitz AK. The Association of Labor Agency and Depression and/or Anxiety. Under review at *AJOG MFM.*
- 7) Kelly JC, **Ayala NK**, Holroyd L, Raghuraman N, Carter EB, Williams SA, Mills MM, Friedman H, Zhang F, Townsel C. The impact of buprenorphine induction success on maternal and neonatal outcomes. Under review at *Obstet Gynecol.*
- 8) **Ayala NK**, Schlichting L, Lewkowitz AK. Mode of delivery and development of postpartum depression among parturients with antenatal depression. Manuscript in preparation.

- 9) Sharp M, Anderson M, **Ayala NK**. Understanding posttraumatic growth and the impact of distorted cognitions following traumatic childbirth. Manuscript in preparation.
- 10) Lewkowicz AK, Whelan AW, Stoll C, **Ayala NK**, Miller ES, Hardi A, Battle CL, Silverstein M, Ranney M. Effect of digital health interventions on preventing or treating postpartum depression or anxiety: systematic review and meta-analysis of randomized controlled trials. Manuscript in preparation.

ABSTRACTS

National

- 1) Mendez-Figueroa H, Dahlke J, Maggio L, Albright CM, **Ayala N**, Lopes V, Chauhan S, Wenstrom K. "Evaluation of a Surveillance Protocol for the Management of Fetal Growth Restriction." Society for Maternal Fetal Medicine Annual Meeting 2014
- 2) Mendez-Figueroa H, Dahlke J, Maggio L, Albright CM, **Ayala N**, Lopes V, Chauhan S, Wenstrom K. "Fetal Growth Restriction: Composite Maternal and Neonatal Morbidity." Society for Maternal Fetal Medicine Annual Meeting 2014
- 3) Albright CM, Dahlke J, Maggio L, Mendez-Figueroa H, **Ayala N**, Chauhan S, Wenstrom K. "Abnormal Growth in Fetal Growth Restriction." Society for Maternal Fetal Medicine Annual Meeting 2014
- 4) Albright CM, Dahlke J, Maggio L, Mendez-Figueroa H, **Ayala N**, Chauhan S, Wenstrom K. "Growth Normalization in Fetal Growth Restriction." Society for Maternal Fetal Medicine Annual Meeting 2014
- 5) Albright CM, Dahlke J, Maggio L, Mendez-Figueroa H, **Ayala N**, Chauhan S, Wenstrom K. "Peripartum Outcomes in SGA and AGA Neonates with Antenatal Fetal Growth Restriction." Society for Maternal Fetal Medicine Annual Meeting 2014
- 6) George P, **Ayala N**. "A Cross-Sectional Analysis of Perceptions of Interprofessional Education in Medical Students." Society for Teachers of Family Medicine Conference, Atlanta, GA, February 2015. **ORAL**
- 7) Son M, Grobman WA, **Ayala NK**, Miller ES. "A universal mid-trimester transvaginal cervical length screening program and its associated reduced preterm birth rate." Society for Maternal Fetal Medicine Annual Meeting 2016. **ORAL**
- 8) **Ayala NK**, Strohl A, Klein D, Simon M, Nieves-Neira W, Shahabi S. "Increased Morbidity Associated with Peripartum Hysterectomy in Obese Parturients." Society for Maternal Fetal Medicine Annual Meeting 2017
- 9) Bochenska K, **Ayala NK**, Strohl A, Klein D, Nieves-Neira W, Shahabi. "Maternal lower urinary tract injury at the time of peripartum hysterectomy." AUGS National Conference 2017
- 10) **Ayala NK**, Glaser LM, Milad MP. "Laparoscopic adhesiectomy to treat isolated, symptomatic chlamydial Perihepatitis.. American Association of Gynecologic Laparoscopists Annual Meeting 2017. **ORAL**

- 11) **Ayala NK** and You W. "Poetry for Transition: Bridging the Divide for New Physicians." Medical Humanities and Bioethics: Artful Medicine Conference, Chicago IL, May 2018.
ORAL
- 12) Russo ML, Sauber E, Kole M, **Ayala NK**, MacCarrick G, Pardo J and Dietz H. "Preterm birth etiologies in Marfan syndrome and Loeys-Dietz syndrome." Society for Maternal Fetal Medicine Annual Meeting 2019.
- 13) Kole MB, **Ayala NK**, Has P, Clark M, Werner EF. "Predictors of neonatal hypoglycemia following pregnancies complicated by gestational diabetes." Society for Maternal Fetal Medicine 3rd Year Fellow Research Symposium, Chicago IL, 2019. **ORAL**
- 14) Kole MB, **Ayala NK**, Has P, Clark M, Esposito M, Werner EF. "Hypoglycemia among neonates with gestational diabetes." Society for Maternal Fetal Medicine Annual Meeting 2020.
- 15) **Ayala NK**, Schlichtling L, Clark M, Kempner M, Vivier P, Viner-Brown S, Werner EF. "Maternal Hypertension, Small for Gestational Age and Childhood Educational Outcomes." Society for Maternal Fetal Medicine Annual Meeting 2020.
- 16) **Ayala NK**, Schlichtling L, Clark M, Kempner M, Vivier P, Viner-Brown S, Werner EF. "Mode of Delivery and Childhood Educational Outcomes." Society for Maternal Fetal Medicine Annual Meeting 2020.
- 17) Kole MB, Griffin L, Ding JJ, **Ayala NK**, Has P, Werner EF. "Breastfeeding continuation rates following gestational diabetes." Society for Maternal Fetal Medicine Annual Meeting 2020.
- 18) Ding JJ, Kole MB, Griffin L, **Ayala NK**, Has P, Werner EF. "The association between breastfeeding and abnormal glucose metabolism at 1 year postpartum following gestational diabetes." Society for Maternal Fetal Medicine Annual Meeting 2020.
- 19) Premkumar A, **Ayala NK**, Miller C, Grobman WA, Miller ES. "NSAID use and adverse outcomes among postpartum women with preeclampsia: a systematic review and meta-analysis." Society for Maternal Fetal Medicine Annual Meeting, 2020.
- 20) Ding JJ, Kole MB, Griffin L, **Ayala NK**, Has P, Werner EF. "The association between breastfeeding and abnormal glucose metabolism at 1 year postpartum following gestational diabetes." Academy of Breastfeeding Medicine National Meeting 2020.
- 21) **Ayala NK**, for the NICHD. "Assessing racial and ethnic disparities in management of postpartum hemorrhage." Society for Maternal Fetal Medicine Annual Meeting 2021.
- 22) Kole-White MB, **Ayala NK**, Danilack VA, Has P, Savitz DA, Werner EF. "Is race/ethnicity a risk factor for severe maternal morbidity in patients with diabetes in pregnancy?" Society for Maternal Fetal Medicine Virtual Annual Meeting 2021.
- 23) Ding JJ, Kole-White MB, **Ayala NK**, Booker T, Has P, Werner EF. "Comparing neonatal outcomes among patients undergoing intravenous glucose tolerance testing for diagnosis of gestational diabetes." Society for Maternal Fetal Medicine Virtual Annual Meeting 2021.
- 24) **Ayala NK**, Schlichting LS, Lewkowitz AK, Kole-White MB, Gjelsvik A, Amanullah S. "Association between antenatal depression and cesarean delivery among nulliparous women." Society for Maternal Fetal Medicine Annual Meeting 2022.
- 25) 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 risk for adverse outcomes? Society for Maternal Fetal Medicine Annual Meeting 2022.

- 26) Gould AJ, Recabo O, Has P, **Ayala NK**, Kole-White MB, Savitz DA, Danilack V, Lewkowitz AK. Do perinatal outcomes differ for high-risk women delivered by residents or private practice attendings? ACOG Annual Clinical and Scientific Meeting 2022.
- 27) Sharp M, Anderson M, **Ayala NK**. Understanding posttraumatic growth and the impact of distorted cognitions following traumatic childbirth. NASPOG Biennial Meeting 2022. **ORAL**
- 28) **Ayala NK**, Whelan AR, Recabo O, Lewkowitz AK. Association between antenatal depression/anxiety and dispositional optimism among recently-delivered parturients. NASPOG Biennial Meeting 2022.
- 29) Lewkowitz AK, Whelan AR, Stoll C, **Ayala NK**, Miller ES, Hardi A, Battle CL, Silverstein M, Ranney ML. Effect of digital health interventions on preventing or treating postpartum depression or anxiety: a status report of an ongoing systematic review and meta-analysis of randomized controlled trials. 2022 Biennial Conference of The International Marcé Society for Perinatal Mental Health.

Local-

- 1) **Ayala NK**, Strohl A, Klein D, Simon M, Nieves-Neira W, Shahabi S. "Increased Morbidity Associated with Peripartum Hysterectomy in Obese Parturients." Northwestern/McGaw Research Showcase, Chicago IL, 2016
- 2) **Ayala NK**, Schlichting L, Clark M, Kempner M, Vivier P, Viner-Brown S, Werner EF. "Mode of Delivery and Childhood Educational Outcomes." Hassenfeld Institute Perinatal Health Meeting, Providence RI, 2019.
- 3) **Ayala NK**, Lewkowitz AK, Gjelsvik A, Amanullah S. "Antenatal depression and mode of delivery among recently delivered nulliparous women in Rhode Island." Brown University School of Public Health Research Forum, Providence RI, 2020.
- 4) Fain A, Has P, Werner EF, **Ayala NK**. "The association between mindfulness and perinatal outcomes." Alpert Medical School of Brown University Scholarly Concentrator Research Showcase, Providence RI, 2020.
- 5) Kempner M, Niehaus S, Skarha J, **Ayala NK**. "Maternal and Neonatal Outcomes Before and During the COVID-19 Pandemic." Brown School of Public Health Research Day 2022.
- 6) **Ayala NK**, Schlichting LS, Lewkowitz AK, Kole-White MB, Gjelsvik A, Amanullah S. "Association between antenatal depression and cesarean delivery among first-time parturients." Brown School of Public Health Research Day 2022.

OTHER NON PEER-REVIEWED PUBLICATIONS

- 1) "Stay Healthy" Column: Should women who are pregnant or breastfeeding get the vaccine? *Warwick Beacon and Cranston Herald* 2021.
- 2) "The Politicization of Fetal Viability" *Time*, July 2022.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

- 1) Activity Restriction- Moderator, SMFM Consult Series Webinar: July 2020
- 2) Mastery of MFM Question Bank- Obstetrics Module: December 2021
- 3) Fetal Hydrothorax- Moderator, SMFM Fellow Lecture (virtual): February 2022

INVITED PRESENTATIONS**Local**

- 1) **US Maternal Mortality Conundrum: The numbers, where we stand and where to go from here**, Grand Rounds
Department of Obstetrics and Gynecology, Prentice Women's Hospital at Northwestern University (January 2018)
- 2) **Urinary Incontinence in Pregnancy and Postpartum**, Urogynecology Lecture Series
Department of Obstetrics and Gynecology, Prentice Women's Hospital at Northwestern University (March 2018)
- 3) **Delayed Cord Clamping in the Preterm Infant**, Controversy Corner Presentation
Women & Infants Hospital/Alpert Medical School Brown University (December 2018)
- 4) **The Complicated Pregnancy and Bleeding in Pregnancy** - Obstetrics Module
Johnson and Wales University, Physician Assistant Studies Program (February 2019)
- 5) **Procedural Teaching in Medical School**, Controversy Corner Presentation
Women & Infants Hospital/Alpert Medical School Brown University (May 2019)
- 6) **Thyroid Storm**- Simulation Workshop, Pediatric Emergency Medicine
Hasbro Children's Hospital/Alpert Medical School Brown University, (June 2019)
- 7) **HIV in Pregnancy and Prevention of Perinatal Transmission**, Neonatology Grand Rounds
Women & Infants Hospital/Alpert Medical School Brown University (October 2019)
- 8) **Disparities in Maternal Mortality and Patient Counseling**- Reproductive Health Scholarly Concentrator Series, Alpert Medical School of Brown University (November 2019)
- 9) **Triplet Vaginal Delivery**, Controversy Corner Presentation
Women & Infants Hospital/Alpert Medical School Brown University (February 2020)
- 10) **Patient Roundup**, Multidisciplinary Antenatal Diagnosis and Management Conference,
Women & Infants Hospital/Alpert Medical School Brown University (June 2020)
- 11) **Patient Roundup**, Multidisciplinary Antenatal Diagnosis and Management Conference,
Women & Infants Hospital/Alpert Medical School Brown University (October 2020)
- 12) **Why I Provide**, Medical Students for Choice
Alpert Medical School of Brown University (December 2020)
- 13) **Maternal Health: Pregnancy as a window to future health**, PHP 0230: Introduction to Public Health, Brown University (March 2021, April 2022)
- 14) **Obstetric Peer Review Pearls**, Grand Rounds
Women & Infants Hospital/Alpert Medical School Brown University (April 2021)
- 15) **Maternal Health is Public Health**, PHP 0230: Introduction to Public Health, Brown University (July 2021)
- 16) **Dispositional optimism and perinatal outcomes**. Lifespan Hospital Women's Medical Collaborative Research Series (November 2021)
- 17) **Liver disease in pregnancy**. Maternal Fetal Medicine Fellowship Lecture Series, Women and Infants Hospital of Rhode Island (January 2022)
- 18) **Monochorionic Twins and Beckwith Wiedemann**. NICU/MFM Joint Case Conference.
Women & Infants Hospital/Alpert Medical School Brown University (March 2022)
- 19) **Perinatal Mental Health**. PHP 0230: Introduction to Public Health, Brown University (April 2022)

National

- 1) **Pregnancy as a window into future health: comorbidity management in women after gestational diabetes.** Right Now Nursing Continuing Education (RNNCE) Virtual Perinatal Diabetes Conference, November 2021.
- 2) **Life after fellowship.** Panelist, Society for Maternal Fetal Medicine Virtual Fellows Retreat, January 2022.

International:

- 1) **Dispositional optimism: A target to improve perinatal health.** The International Marcé Society Biennial Conference, September 2022.

GRANTS:

Active funding

Mechanisms of mindfulness to prevent hypertensive disorders of pregnancy (R01HL157288-01)
 Role: Co-investigator, Site PI (PI Bubnitz)
 Date: April 2021-March 2026
 Funding (direct): \$241,358

Bristol-Myers Squibb/Winn Diversity in Clinical Trials Career Development Award
 Role: Awardee
 Date: October 2022-October 2024
 Funding (direct): \$239,000

Completed funding

2012-2013	Bray Fellowship Grant for Humanism in Medicine Alpert Medical School at Brown University Total award: \$5,000
2015	NUCATS Pilot Grant- Umbilical Coiling Feinberg School of Medicine of Northwestern University, Chicago IL Total award: \$3,500
2016	NUCATS Pilot Grant- Early Preterm Induction of Labor Feinberg School of Medicine of Northwestern University, Chicago IL Total award: \$3,500
2017	NUCATS Pilot Grant- Peripartum Hysterectomy Feinberg School of Medicine of Northwestern University, Chicago IL Total award: \$3,500
2017-2018	Friends of Prentice Grant- Life Orientation and Labor Outcomes Feinberg School of Medicine of Northwestern University, Chicago IL Total award: \$2,000

UNIVERSITY TEACHING ROLES

- 2011-2014 **Curriculum Developer, Pre-clinical Curriculum**, Alpert Medical School at Brown University
- 2011-2013 **Coordinator, Pre-clinical Peer Tutoring Program**, Alpert Medical School at Brown University
- 2012-2014 BIOL 3660 & 3670: Doctoring Course I-IV, Alpert Medical School at Brown University
Pelvic and Breast Exam Preceptor (4 students per group)
Substitute Clinical Instructor (8 students per group)
- 2014 BIOL5885: Clinical Skills Clerkship, Brown University
Medical student facilitator (8 students per group)
- 2019 **Faculty Small Group Facilitator**, Clinical Reasoning Course (8-10 students per/session, 2 sessions)
- 2018-Pres BIOL 4900: Core Clerkship in Obstetrics and Gynecology, Alpert Medical School at Brown University
Student preceptor (6-8 students per year)
Breast and Pelvic OSCE Facilitator (4 OSCEs per year)
Clerkship Simulation Facilitator
- 2019 Laparoscopy
- 2020 Episiotomy and Perineal Laceration Repair
- 2019-Pres Clinical Med III: Obstetrics Module Johnson and Wales University, Physician Assistant Studies Program
Lecturer: (40 students)
- 2019 The Complicated Pregnancy
Bleeding in Pregnancy
- 2019-Pres **Medical Student Research Advisor**, Alpert Medical School at Brown University
- 2020-2022 Marga Kempner, MD candidate. Student research project on perinatal impacts of COVID-19 infection.
- 2019-2023 Audra Fain, MD candidate. Summer research intern and Scholarly Concentrator in Women's Reproductive Health.
- 2021-2024 Teresa Brown, MD candidate. Summer research intern and Scholarly Concentrator in Women's Reproductive Health.
- 2021-2023 Sarah Niehaus, MD candidate. Summer research intern.
- 2021-2024 Nailah Tucker, MD candidate. Summer research intern and Scholarly Concentrator in Women's Reproductive Health
- 2022-2025 Makena Mette, MD candidate. Summer research intern and Scholarly Concentrator in
- 2019-2021 **Undergraduate Student Research Advisor**, Brown University
- 2020-2021 Clare Grossman, ScB candidate. Thesis project on adolescent pregnancy and childhood educational outcomes.
- 2021-2023 Grace Jarell, ScB candidate.
- 2022 **Simulation Leader**, Summer@Brown Course 'Intro to Medicine: Do you Want to Be a Doctor?' Labor and Birth Station

HOSPITAL TEACHING ROLES:

- 2017-2018 Education Chief Resident, Residency Program in Obstetrics and Gynecology, Northwestern University
- 2018-Pres Lecturer, Residency Program in Obstetrics and Gynecology, Brown University
- 2018 Noon Conference: Forceps Assisted Vaginal Delivery
- 2020 CORE: Operative vaginal delivery
- 2020 CORE: Delivery of multifetal gestation
- 2021 CORE: MFM CREOG Review
- 2018-Pres Simulation Leader, Residency Program in Obstetrics and Gynecology, Brown University
- 2018 Breech Extraction Basics (32 residents- PGY1-PGY4)
- 2019 Ultrasound Basics and Biometry (32 residents- PGY1-PGY4)
- 2019 Rising 2nd Year Workshop- Advanced Obstetric Exam (8 PGY1s)
- 2020 Thyroid Storm (32 residents, PGY1-PGY4, 8 M4s)
- 2020 Rising 3rd Year Workshop- Triaging and Managing Emergencies (8 PGY2s)
- 2020 Managing obstetric emergencies: Vaginal breech delivery (8 PGY3s)
- 2021 Vaginal breech delivery (32 residents- PGY1-PGY4)
- 2021 Maternal code (32 residents- PGY1-PGY4)
- 2021-Pres Resident Research Mentor, Residency Program in Obstetrics and Gynecology, Brown University
- 2021-Pres Resident Hospital-Based Faculty Career Mentor, Residency Program in Obstetrics and Gynecology, Brown University
- 2021- Julia Dexter, MD
- 2022- Megan Smith, MD