

March 22, 2017

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CURRICULUM VITAE**

Personal Information:

Business Address and Phone

Division of Maternal-Fetal Medicine
UNC Department of OB-GYN
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Board Certifications and Licensure:

American Board of Obstetrics and Gynecology

Board Certified, Maternal Fetal Medicine, April 2012
Board Certified, Obstetrics and Gynecology, January 2010

Massachusetts Board of Registration in Medicine

License #224935

North Carolina Medical Board

License # 2008-00156

Education:

MSc

Harvard School of Public Health, Boston, MA
June 2008
Epidemiology

Fellowship

Brigham and Women's Hospital, Boston, MA
July 2005-June 2008
Fellowship in Maternal-Fetal Medicine

Residency

Brigham and Women's / Massachusetts General Hospital, Boston, MA
June 2001-June 2005
Integrated Program Obstetrics and Gynecology

MD

Washington University School of Medicine, St. Louis, MO
May 2001

BS

Duke University, Durham, NC
May 1995
Biology

Employment History:

06/2015 – Present **Distinguished Scholar in Infant and Young Child Feeding**
Department of Maternal and Child Health
UNC Gillings School of Global Public Health

07/2014 – 2015 **Associate Professor** (joint appointment)
Department of Maternal and Child Health
UNC Gillings School of Global Public Health

07/2014 – Present **Associate Professor**
Division of Maternal Fetal Medicine
Department of Obstetrics and Gynecology
University of North Carolina School of Medicine

02/2013 – Present **Medical Director of Lactation Services**
UNC HealthCare

07/2010 – 2014 **Assistant Professor** (joint appointment)
Department of Maternal and Child Health
UNC Gillings School of Global Public Health

07/2008 – 2014 **Assistant Professor**
Division of Maternal Fetal Medicine
Department of Obstetrics and Gynecology
University of North Carolina School of Medicine
Chapel Hill, NC

2005 – 2008 **Fellow**
Maternal-Fetal Medicine
Brigham and Women’s Hospital
Boston, MA

2001 – 2005 **Resident**
Brigham and Women’s Hospital / Massachusetts General Hospital
Integrated Residency in Obstetrics and Gynecology
Boston, MA

01/1996 – 6/1997 **Producer**
New York Times Electronic Media Company
New York, NY

06-08/1995 **Summer Intern**
The Washington Post Co.
Washington, DC

Honors and Awards:

2017 Talent Identification Program Distinguished Alumni Award

2016 Society of Maternal-Fetal Medicine Award of Research Excellence

2013 Jefferson Pilot Faculty Scholar, UNC School of Medicine

2012	Invited Participant, National Cancer Institute Workshop, Postpartum Breast Remodelling, Lactation and Breast Cancer Risk: Toward Improved Risk Assessment and Prevention
2012	Society of Maternal-Fetal Medicine Award of Research Excellence
2011	Invited participant, NICHD Scientific Vision Workshop on Developmental Origins of Health and Disease
2008 – 2012	WRHR Faculty Scholar
2008	Wyeth President's Presenter's Award, Society for Gynecologic Investigation
	Society of Maternal-Fetal Medicine Award of Research Excellence
2006 – 2007	New England Perinatal Society, Ross Award, for best maternal-fetal medicine research presentation by a person in training
2004 – 2005	Harvard Medical School Excellence in Teaching Award
2002 – 2003	Berlex Resident Teaching Award
2001 – 2002	Harvard Medical School Excellence in Teaching Award
2001	Elected Alpha Omega Alpha
	Robert Carter Medical School Prize for outstanding performance in the medical school curriculum
	Academic Women's Network Student Leadership Award American Medical Women's Association, Janet M. Glasgow Memorial Achievement Citation
	Missouri State Medical Association Award
	Park J. White, M.D. Prize
	Wynder Prize in Preventive Medicine
1997 – 2001	Washington University Distinguished Student Scholar/ Mr. and Mrs. Spencer T. Olin Fellow (full tuition merit award)
1995	Summa Cum Laude, Duke University
1991 – 1995	Angier B. Duke Scholar (full tuition merit award)
1994	Phi Beta Kappa
	Harry S Truman Scholar
	Barry M. Goldwater Presidential Scholar
1991	National Merit Scholar

Memberships:

American College of Obstetricians & Gynecologists
Society for Maternal-Fetal Medicine
Academy of Breastfeeding Medicine
North Carolina Breastfeeding Coalition
NC Women's Hospital Baby Friendly Group

Past

Massachusetts Medical Society
Massachusetts Breastfeeding Coalition
UNC Epic Physicians Informatics Council
Brigham & Women's Hospital Breastfeeding Task Force

Peer-reviewed publications:

Book Chapters

Stuebe AM, Fiumara K, Lee K. Principles of medication use during lactation
In: Rose BD, editor. UpToDate, Inc. Wellesley (MA); 2013. Available from:
<http://www.uptodateonline.com/home/index.html> [Sept 1 2013].

Stuebe AM, Barbieri R. Continuous intrapartum support. In: Rose BD, editor. UpToDate, Inc. Wellesley (MA); 2009. Available from:
<http://www.uptodateonline.com/home/index.html> [Sept 1 2013].

Stuebe, AM. Postpartum Care. In *Obstetric Evidence Based Guidelines*, 2nd Ed. London: Informa Health Care, 2012. 12 pages.

Original Peer-Reviewed Research

Vladutiu CJ, Meyer ML, Malek AM, **Stuebe AM**, Mosher A, Aggarwal S, Kleindorfer D, Howard VJ. Racial Differences in the Association between Parity and Incident Stroke: Results from the REasons for Geographic and Racial Differences in Stroke Study. *J Stroke Cerebrovasc Dis*. 2017 Apr;26(4):749-755.

Smid MC, Dotters-Katz SK, McElwain CA, Volckmann ET, Schulkin J, **Stuebe AM**. Pregnancy After Bariatric Surgery: National Survey of Obstetrician's Comfort, Knowledge, and Practice Patterns. *Obes Surg*. 2017 Mar 30

Wouk K, **Stuebe AM**, Meltzer-Brody S. Postpartum Mental Health and Breastfeeding Practices: An Analysis Using the 2010-2011 Pregnancy Risk Assessment Monitoring System. *Matern Child Health J*. 2017 Mar;21(3):636-647. Epub 2016 Jul 22.

Smid MC, Edwards RK, Biggio JR, Dorman K, Leduke RC, Leshner LL, Manuck TA, Saade GR, Salazar AE, Stamilio DM, **Stuebe AM**, Tita AT, Torres CM, Varner MW, Wapner RJ. Class III Obese Women's Preferences and Concerns for Cesarean Skin Incision: A Multicenter Survey. *Am J Perinatol*. 2017 Feb;34(3):289-294.

Bartick MC, Schwarz EB, Green BD, Jegier BJ, Reinhold AG, Colaizy TT, Bogen DL, Schaefer AJ, **Stuebe AM**. Suboptimal breastfeeding in the United States: Maternal and pediatric health outcomes and costs. *Matern Child Nutr*. 2017 Jan;13(1).

Stuebe AM, Bonuck K, Adatorwovor R, Schwartz TA, Berry DC. A Cluster Randomized Trial of Tailored Breastfeeding Support for Women with Gestational Diabetes. *Breastfeed Med.* 2016 Dec;11:504-513.

Bartick MC, Jegier BJ, Green BD, Schwarz EB, Reinhold AG, **Stuebe AM**. Disparities in Breastfeeding: Impact on Maternal and Child Health Outcomes and Costs. *J Pediatr.* 2016 Nov 10.

Vladutiu CJ, Meyer ML, Malek AM, **Stuebe AM**, Mosher A, Aggarwal S, Kleindorfer D, Howard VJ. Racial Differences in the Association between Parity and Incident Stroke: Results from the REasons for Geographic and Racial Differences in Stroke Study. *J Stroke Cerebrovasc Dis.* 2016 Nov 7.

Martin CL, Siega-Riz AM, Sotres-Alvarez D, Robinson WR, Daniels JL, Perrin EM, & **Stuebe AM**. Maternal Dietary Patterns during Pregnancy Are Associated with Child Growth in the First 3 Years of Life. *J Nutr*, Epub 2016 Sep 28.

Smid MC, Edwards RK, Biggio JR, Dorman K, Leduke RC, Leshner LL, Manuck TA, Saade GR, Salazar AE, Stamilio DM, **Stuebe AM**, Tita AT, Torres CM, Varner MW, Wapner RJ. Class III Obese Women's Preferences and Concerns for Cesarean Skin Incision: A Multicenter Survey. *Am J Perinatol.* Epub 2016 Aug 17.

Verbiest S, McClain E, **Stuebe A**, Menard MK. Postpartum Health Services Requested by Mothers with Newborns Receiving Intensive Care. *Matern Child Health J.* Epub 2016 Jun 29.

Stuebe AM, Bryant AG, Lewis R, Muddana A. Association of Etonogestrel-Releasing Contraceptive Implant with Reduced Weight Gain in an Exclusively Breastfed Infant: Report and Literature Review. *Breastfeed Med.* 2016 May;11:203-6. Epub 2016 Mar 31.

Martin CL, Siega-Riz AM, Sotres-Alvarez D, Robinson WR, Daniels JL, Perrin EM, **Stuebe AM**. Maternal Dietary Patterns are Associated with Lower Levels of Cardiometabolic Markers during Pregnancy. *Paediatr Perinat Epidemiol.* 2016 May;30(3):246-55. Epub 2016 Feb 5.

Colaizy TT, Bartick MC, Jegier BJ, Green BD, Reinhold AG, Schaefer AJ, Bogen DL, Schwarz EB, **Stuebe AM**; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Impact of Optimized Breastfeeding on the Costs of Necrotizing Enterocolitis in Extremely Low Birthweight Infants. *J Pediatr.* 2016 Apr 27.

Smid MC, Smiley SG, Schulkin J, Stamilio DM, Edwards RK, **Stuebe AM**. The Problem of the Pannus: Physician Preference Survey and a Review of the Literature on Cesarean Skin Incision in Morbidly Obese Women. *Am J Perinatol.* 2016 Apr;33(5):463-72. Epub 2015 Oct 28.

Crowley SK, O'Buckley TK, Schiller CE, **Stuebe A**, Morrow AL, Girdler SS. Blunted neuroactive steroid and HPA axis responses to stress are associated with reduced sleep quality and negative affect in pregnancy: a pilot study. *Psychopharmacology (Berl).* 2016 Apr;233(7):1299-310.

Vladutiu CJ, Siega-Riz AM, Sotres-Alvarez D, **Stuebe AM**, Ni A, Tabb KM, Gallo LC, Potter JE, Heiss G. Parity and Components of the Metabolic Syndrome Among US

Hispanic/Latina Women: Results From the Hispanic Community Health Study/Study of Latinos. *Circ Cardiovasc Qual Outcomes*. 2016 Jan;9(1):S62-9.

Perng W, Rifas-Shiman SL, Rich-Edwards JW, **Stuebe AM**, Oken E. Inflammation and weight gain in reproductive-aged women. *Ann Hum Biol*. 2016 Jan;43(1):91-5. doi: 10.3109/03014460.2014.968619. Epub 2014 Dec 16.

Martin CL, Siega-Riz AM, Sotres-Alvarez D, Robinson WR, Daniels JL, Perrin EM, **Stuebe AM**. Maternal Dietary Patterns are Associated with Lower Levels of Cardiometabolic Markers during Pregnancy. *Paediatr Perinat Epidemiol*. 2016 Feb 5. [Epub ahead of print]

Wouk K, Lara-Cinisomo S, **Stuebe AM**, Poole C, Petrick JL, McKenney KM. Clinical Interventions to Promote Breastfeeding by Latinas: A Meta-analysis. *Pediatrics*. 2015 Dec 14. pii: peds.2015-2423. [Epub ahead of print]

Berry D, Verbiest S, Hall EG, Dawson I, Norton D, Willis S, McDonald K, **Stuebe A**. A Postpartum Community-Based Weight Management Intervention Designed for Low-Income Women: Feasibility and Initial Efficacy Testing. *J Natl Black Nurses Assoc*. 2015 Jul;26(1):29-39.

Eichelberger KY, Baker AM, Woodham PC, Haeri S, Strauss RA, **Stuebe AM**. Second-Trimester Maternal Serum Paraxanthine, CYP1A2 Activity, and the Risk of Severe Preeclampsia. *Obstet Gynecol*. 2015 Oct;126(4):725-730.

Twigger AJ, Hepworth AR, Lai CT, Chetwynd E, **Stuebe AM**, Blancafort P, Hartmann PE, Geddes DT, Kakulas F. Gene expression in breastmilk cells is associated with maternal and infant characteristics. *Sci Rep*. 2015;5:12933.

Zera CA, Bates DW, **Stuebe AM**, Ecker JL, Seely EW. Diabetes Screening Reminder for Women With Prior Gestational Diabetes: A Randomized Controlled Trial. *Obstet Gynecol*. 2015 Jul;126(1):109-114.

Grace MR, Hardisty E, Green NS, Davidson E, **Stuebe AM**, Vora NL. Cell free DNA testing-interpretation of results using an online calculator. *Am J Obstet Gynecol*. 2015 May 5. [Epub ahead of print]

Stuebe AM, Meltzer-Brody S, Pearson B, Pedersen C, Grewen K. Maternal neuroendocrine serum levels in exclusively breastfeeding mothers. *Breastfeed Med*. 2015 May;10:197-202. [Epub 2015 Apr 1.]

Lopez LM, Grey TW, **Stuebe AM**, Chen M, Truitt ST, Gallo MF. Combined hormonal versus nonhormonal versus progestin-only contraception in lactation. *Cochrane Database Syst Rev*. 2015 Mar 20;3:CD003988. [Epub ahead of print]

Cox EQ, **Stuebe A**, Pearson B, Grewen K, Rubinow D, Meltzer-Brody S. Oxytocin and HPA stress axis reactivity in postpartum women. *Psychoneuroendocrinology*. 2015 Feb 25;55:164-172. [Epub ahead of print]

Wiegand SL, Stringer EM, **Stuebe AM**, Jones H, Seashore C, Thorp J. Buprenorphine and Naloxone Compared with Methadone Treatment in Pregnancy. *Obstet Gynecol*. 2015 Feb;125(2):363-8.

Berggren EK, **Stuebe AM**, Boggess KA. Excess Maternal Weight Gain and Large for Gestational Age Risk among Women with Gestational Diabetes. *Am J Perinatol*. 2015 Feb;32(3):251-6.

Stuebe AM, Landon MB, Lai Y, Klebanoff M, Ramin SM, Wapner RJ, Varner MW, Rouse DJ, Sciscione A, Catalano P, Saade G, Sorokin Y, Peaceman AM; Is there a threshold Oral Glucose Tolerance Test Value for Predicting Adverse Pregnancy Outcome? For the Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network, Bethesda, MD. *Am J Perinatol*. 2015 Jan16. [Epub ahead of print]

Perng W, Stuart J, Rifas-Shiman SL, Rich-Edwards JW, **Stuebe A**, Oken E. Preterm Birth and Long-term Maternal Cardiovascular Health. *Ann Epidemiol*, 2015 Jan;25(1):40-5. Epub 2014 Oct 18.

Perng W, Rifas-Shiman SL, Rich-Edwards JW, **Stuebe AM**, Oken E. Inflammation and weight gain in reproductive-aged women. *Ann Hum Biol*. 2014 Dec 16:1-5. [Epub ahead of print]

Stuart GS, Lesko CR, **Stuebe AM**, Bryant AG, Levi EE, Danvers AI. A Randomized Trial of Levonorgestrel Intrauterine System Insertion 6 to 48Hours Compared to 6Weeks After Vaginal delivery; Lessons Learned. *Contraception*, 2015 Apr;91(4):284-8. Epub 2014 Dec 29.

Chollet-Hinton LS, **Stuebe AM**, Casbas-Hernandez P, Chetwynd E, & Troester MA. Temporal Trends in the Inflammatory Cytokine Profile of Human Breastmilk. *Breastfeed Med*. 2014 Nov 7 [Epub ahead of print]

Poole AT, Vincent KL, Olson GL, Patrikeev I, Saade GR, **Stuebe A**, Bytautiene E. Effect of lactation on maternal postpartum cardiac function and adiposity: a murine model. *Am J Obstet Gynecol*. 2014 Oct;211(4):424.e1-7. doi: 10.1016/j.ajog.2014.06.004. Epub 2014 Jun 3.

Stuart GS, Lesko C, **Stuebe A**, Bryant A. Breastfeeding and Postpartum Insertion of the Levonorgestrel Intrauterine System: A Randomized Trial. *Obstet Gynecol*. 2014 May;123 Suppl 1:15S.

Harmon QE, Engel SM, Wu MC, Moran TM, Luo J, **Stuebe AM**, Avery CL, Olshan AF. Polymorphisms in Inflammatory Genes are Associated with Term Small for Gestational Age and Preeclampsia. *Am J Reprod Immunol*. 2014 May;71(5):472-84.

Stuebe AM, Horton BJ, Chetwynd E, Watkins S, Grewen K, Meltzer-Brody S. Prevalence and Risk Factors for Early, Undesired Weaning Attributed to Lactation Dysfunction. *J Womens Health (Larchmt)*. 2014 Mar 21. [Epub ahead of print]

Starling AP, Engel SM, Richardson DB, Baird DD, Haug LS, **Stuebe AM**, Klungsøyr K, Harmon Q, Becher G, Thomsen C, Sabaredzovic A, Eggesbø M, Hoppin JA, Travlos GS, Wilson RE, Trogstad LI, Magnus P, Longnecker MP. Perfluoroalkyl Substances During Pregnancy and Validated Preeclampsia Among Nulliparous Women in the Norwegian Mother and Child Cohort Study. *Am J Epidemiol*. 2014 Apr 1;179(7):824-33. Epub 2014 Feb 20.

Starling AP, Engel SM, Whitworth KW, Richardson DB, **Stuebe AM**, Daniels JL, Haug LS, Eggesbø M, Becher G, Sabaredzovic A, Thomsen C, Wilson RE, Travlos GS,

Hoppin JA, Baird DD, Longnecker MP. Perfluoroalkyl substances and lipid concentrations in plasma during pregnancy among women in the Norwegian Mother and Child Cohort Study. *Environ Int.* 2014 Jan;62:104-12. Epub 2013 Nov 2.

Bonuck K, **Stuebe A**, Barnett J, Fletcher J, Bernstein P. A primary care intervention increases breastfeeding duration and intensity: Results of two randomized clinical trials. *Am J Public Health.* 2014 Feb;104 Suppl 1:S119-27. Epub 2013 Dec 19.

Berry DC, Neal M, Hall EG, Schwartz TA, Verbiest S, Bonuck K, Goodnight W, Brody S, Dorman KF, Menard MK, **Stuebe AM**. Rationale, design, and methodology for the optimizing outcomes in women with gestational diabetes mellitus and their infants study. *BMC Pregnancy Childbirth.* 2013 Oct 10;13(1):184.

Harmon QE, Engel SM, Olshan AF, Moran T, **Stuebe AM**, Luo J, Wu MC, Avery CL. Association of Polymorphisms in Natural Killer Cell-Related Genes With Preterm Birth. *Am J Epidemiol.* 2013 Oct 15;178(8):1208-18.

Chetwynd E, Meyer A, **Stuebe A**, Costello R, Labbok M. Recognition of International Board Certified Lactation Consultants by health insurance providers in the United States: Results of a national survey of lactation consultants. *J Hum Lact.* 2013 Aug 20. [Epub ahead of print]

Cramer DW, Williams K, Vitonis AF, Yamamoto HS, **Stuebe A**, Welch WR, Titus L, Fichorova RN. Puerperal mastitis: a reproductive event of importance affecting anti-mucin antibody levels and ovarian cancer risk. *Cancer Causes Control.* 2013 Aug 8. [Epub ahead of print]

Bartick MC, **Stuebe AM**, Schwarz EB, Luongo C, Reinhold AG, Foster EM. Cost Analysis of Maternal Disease Associated With Suboptimal Breastfeeding. *Obstet Gynecol.* 2013 Jul;122(1):111-119.

Lenhart PM, Nguyen T, Wise A, Caron KM, Herring AH, **Stuebe AM**. Adrenomedullin Signaling Pathway Polymorphisms and Adverse Pregnancy Outcomes. *Am J Perinatol.* 2013 Jun 24. [Epub ahead of print]

Stuebe AM, Grewen K, Meltzer-Brody S. Association between maternal mood and oxytocin response to breastfeeding. *J Womens Health (Larchmt).* 2013 Apr;22(4):352-61.

Hassiotou F, Hepworth AR, Beltran AS, Mathews MM, **Stuebe AM**, Hartmann PE, Filgueira L, Blancafort P. Expression of the Pluripotency Transcription Factor OCT4 in the Normal and Aberrant Mammary Gland. *Front Oncol.* 2013 Apr 11;3:79.

Stuebe AM, Wise A, Nguyen T, Herring A, North KE, Siega-Riz AM. Maternal Genotype and Gestational Diabetes. *Am J Perinatol.* 2013 Mar 1. [Epub ahead of print]

Connolly A, Ryan DH, **Stuebe AM**, Wolfe HM. Reevaluation of discriminatory and threshold levels for serum β -hCG in early pregnancy. *Obstet Gynecol.* 2013 Jan;121(1):65-70.

Hassiotou F, Beltran A, Chetwynd E, **Stuebe AM**, Twigger AJ, Metzger P, Trengove N, Tat Lai C, Filgueira L, Blancafort P, Hartmann PE. Breastmilk is a Novel Source of Stem

Cells with Multi-Lineage Differentiation Potential. *Stem Cells*. 2012 Oct;30(10):2164-74.

Beamon CJ, **Stuebe AM**, Wolfe HM. Factors Influencing Visualization of the Intracranial Translucency during First-Trimester Screening for Aneuploidy. *Am J Perinatol*. 2012 Aug;29(7):503-8.

Stuebe AM, Landon MB, Lai Y, Spong CY, Carpenter MW, Ramin SM, Casey B, Wapner RJ, Varner MW, Rouse DJ, Sciscione A, Catalano P, Harper M, Saade G, Sorokin Y, Peaceman AM, Tolosa JE. Maternal BMI, glucose tolerance, and adverse pregnancy outcomes. *Am J Obstet Gynecol*. 2012 Jul;207(1):62.e1-7.

Berggren EK, Boggess KA, Funk MJ, **Stuebe AM**. Racial Disparities in Perinatal Outcomes Among Women with Gestational Diabetes. *J Womens Health (Larchmt)*. 2012 May;21(5):521-7.

McLean M, Hines R, Polinkovsky M, **Stuebe A**, Thorp J, Strauss R. Type of Skin Incision and Wound Complications in the Obese Parturient. *Am J Perinatol*. 2012 Apr;29(4):301-6.

Baker AM, Haeri S, Camargo CA Jr, **Stuebe AM**, Boggess KA. First trimester maternal vitamin D status and risk for gestational diabetes mellitus: a nested case-control study. *Diabetes Metab Res Rev*. 2012 Feb;28(2):164-8.

Woodham PC, Brittain JE, Baker AM, Long DL, Haeri S, Camargo CA, Bogges KA, **Stuebe AM**. Midgestation Maternal Serum 25-Hydroxyvitamin D Level and Soluble Fms-Like Tyrosine Kinase 1/Placental Growth Factor Ratio as Predictors of Severe Preeclampsia. *Hypertension*. 2011 Dec;58(6):1120-5.

Stuebe AM, Bonuck K. What Predicts Intent to Breastfeed Exclusively? Breastfeeding knowledge, Attitudes and Beliefs in a Diverse Urban Population. *Breastfeed Med*. 2011 Dec;6:413-20.

Stuebe AM, Schwarz EB, Grewen KM, Rich-Edwards JW, Michels KB, Foster EM, et al. Lifetime lactation and incidence of maternal hypertension: A longitudinal cohort study. *Am J Epidemiol*. 2011 Nov 15;174(10):1147-58. Epub Oct 12.

Stuebe AM, Mantzoros C, Kleinman K, Gillman MW, Rifas-Shiman S, Seely EW and Rich-Edwards J. Gestational glucose tolerance and maternal metabolic profile at 3 years postpartum. *Obstet Gynecol* 2011 Nov 118(5): 1065-73.

Baker AM, Haeri S, Camargo CA, **Stuebe AM**, Boggess KA. A Nested Case-Control Study of First-Trimester Maternal Vitamin D Status and Risk for Spontaneous Preterm Birth. *Am J Perinatol*. 2011 Oct;28(9):667-72.

Berggren EK, Boggess KA, **Stuebe AM**, Jonsson Funk M. National Diabetes Data Group vs Carpenter-Coustan criteria to diagnose gestational diabetes. *Am J Obstet Gynecol*. 2011 Sep;205(3):253.e1-7.

Watkins S, Meltzer-Brody S, Zolnoun D, **Stuebe A**. Early Breastfeeding Experiences and Post Partum Depression. *Obstet Gynecol* 2011 Aug;118(2 Pt 1):214-21.

Stuebe AM, Mantzoros C, Kleinman K, Gillman MW, Rifas-Shiman S, Gunderson EP, Rich-Edwards J. Duration of lactation and maternal adipokines at 3 years postpartum. *Diabetes*. 2011 Apr;60(4):1277-85.

Haeri S, Johnson N, Baker AM, **Stuebe AM**, Raines C, Barrow DA, Boggess KA. Maternal depression and Epstein-Barr virus reactivation in early pregnancy. *Obstet Gynecol*. 2011 Apr;117(4):862-6.

Nowicki E, Siega-Riz AM, Herring A, He K, **Stuebe A**, Olshan A. Predictors of measurement error in energy intake during pregnancy. *Am J Epidemiol*. 2011 Mar 1;173(5), 560-8.

Meltzer-Brody S, **Stuebe A**, Dole N, Savitz D, Rubinow D, Thorp J. Elevated corticotropin releasing hormone (CRH) during pregnancy and risk of postpartum depression (PPD). *J Clin Endocrinol Metab*. 2011 Jan;96(1):E40-7.

Taveras EM, Rifas-Shiman SL, Rich-Edwards JW, Gunderson EP, **Stuebe AM**, Mantzoros CS. Association of maternal short sleep duration with adiposity and cardiometabolic status at 3 years postpartum. *Obesity (Silver Spring)*. 2011 Jan;19(1):171-8.

Baker AM, Haeri S, Camargo CA Jr, Espinola JA, **Stuebe AM**. A nested case-control study of midgestation vitamin D deficiency and risk of severe preeclampsia. *J Clin Endocrinol Metab*. 2010 Nov;95(11):5105-9.

Stuebe AM, Ecker JL, Bates DW, Zera C, Bentley-Lewis R, Seely EW. Barriers to follow-up for women with a history of gestational diabetes. *Am J Perinatol*. 2010 Oct;27(9):705-10.

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Stuebe AM, Lyon H, Herring AH, Ghosh J, Wise A, North DE, Siega-Riz AM. Obesity and diabetes genetic variants associated with gestational weight gain. *Am J Obstet Gynecol*. 2010 Sep;203(3):283.e1-17.

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Stuebe A, McElrath T, Thadhani R, Ecker JL. Second trimester insulin resistance, early pregnancy body mass index and gestational weight gain. *Matern Child Health J*. 2010 Mar;14(2):254-60.

Herring SJ, Platek DN, Elliott P, Riley LE, **Stuebe AM**, Oken E. Addressing obesity in pregnancy: what do obstetric providers recommend? *J Womens Health (Larchmt)*. 2010 Jan;19(1):65-70.

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Herring SJ, Oken E, Rifas-Shiman SL, Rich-Edwards JW, **Stuebe AM**, Kleinman KP, Gillman MW. Weight gain in pregnancy and risk of maternal hyperglycemia. *Am J Obstet Gynecol*. 2009 Jul;201(1):61.e1-7.

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Schwarz EB, Ray RM, **Stuebe AM**, Allison MA, Ness RB, Freiberg MS, Cauley JA. Duration of lactation and risk factors for maternal cardiovascular disease. *Obstet Gynecol* 2009. May;113(5):974-82.

Stuebe AM, Michels KB, Willett WC, Manson JE, Rexrode K, Rich-Edwards JW. Duration of lactation and incidence of myocardial infarction in middle to late adulthood. *Am J Obstet Gynecol*. 2009 Feb;200(2):138.e1-8.

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Novak CB, Mackinnon SE, **Stuebe AM**. Patient self-reported outcome after ulnar nerve transposition. *Ann Plast Surg*. 2002 Mar;48(3):274-80.

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Other peer reviewed articles

Tully KP, **Stuebe AM**, Verbiest SB. The 4th Trimester: A Critical Transition Period with Unmet Maternal Health Needs. *Am J Obstet Gynecol*. 2017 Apr 05

Kleppel L, Suplee PD, **Stuebe AM**, Bingham D. National Initiatives to Improve Systems for Postpartum Care. *Matern Child Health J*. Epub 2016 Aug 16.

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Stuebe AM, Zera C, Ecker JL, McElrath TM. A prospective assessment of metabolic function, compliance with gestational weight gain guidelines, and associated pregnancy outcomes. *Am J Obstet Gynecol*. 2006 Dec;195(6):S82. Presented at the Society for Maternal Fetal Medicine Annual Meeting, San Francisco, CA, February 2007.

Zera C, **Stuebe AM**, McElrath TF, Ecker JL. A prospective study of insulin resistance, glucose intolerance and infant birth weight. *Am J Obstet Gynecol*. 2006 Dec;195(6):S90. Presented at the Society for Maternal Fetal Medicine Annual Meeting, San Francisco, CA, February 2007.

Stuebe AM, Greenberg JA, Ecker JL, McElrath TF. The effects of parity, epidural anesthesia, and cesarean delivery on early breastfeeding. *Obstet Gynecol*. 2006 Apr;107(4S):68S. Presented at the ACOG Annual Clinical Meeting, May 2006.

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Other un-refereed works (blogs & other online resources)

Stuebe A. Keeping development on the right track. News and Observer. March 20, 2017. Accessed online: <http://www.newsobserver.com/news/local/community/chapel-hill-news/chn-opinion/article139495333.html>

Stuebe A. For mothers, immigration enforcement is an unnatural disaster. News and Observer. March 4, 2017. Accessed online: <http://www.newsobserver.com/opinion/op-ed/article136432858.html>

Messersmith B and **Stuebe A.** NC gets a 'D' for workplace support for parents. News and Observer. Sept 1, 2016. Accessed online: <http://www.newsobserver.com/opinion/oped/article99314967.html>

Stuebe AM. It's time to disarm the formula industry. Breastfeeding Medicine Blog. May 20, 2016. Accessed online: <https://bfmed.wordpress.com/2016/05/20/its-time-to-disarm-the-formula-industry/>

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Stuebe AM. Might there be risks of risk-based language? Breastfeeding Medicine Blog. April 13, 2016. Accessed online: <https://bfmed.wordpress.com/2016/04/13/might-there-be-risks-of-risk-based-language/>

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Stuebe AM. What if we realized that food security is homeland security? Breastfeeding Medicine Blog. April 7, 2014. Accessed online: <https://bfmed.wordpress.com/2014/04/07/what-if-we-realized-that-food-security-is-homeland-security/>

Stuebe AM. Shame, guilt and the search for common ground. Breastfeeding Medicine Blog. March 4, 2014. Accessed online: <https://bfmed.wordpress.com/2014/03/04/shame-guilt-and-the-search-for-common-ground/>

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Blog. May 30, 2013. Accessed online: <http://bfmed.wordpress.com/2013/05/30/breastfeeding-and-depression-its-complicated/>

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Stuebe AM. Building a Breastfeeding Culture. Breastfeeding Medicine Blog. Nov 16, 2012. Accessed online: <http://bfmed.wordpress.com/2012/11/16/building-a-breastfeeding-culture/>

Stuebe AM. How often does breastfeeding just not work? Breastfeeding Medicine Blog. Oct 15, 2012. Accessed online: <http://bfmed.wordpress.com/2012/10/15/how-often-does-breastfeeding-just-not-work/>

Stuebe AM. Stop the Madness. Breastfeeding Medicine Blog. July 23, 2012. Accessed online: <http://bfmed.wordpress.com/2012/07/23/stop-the-madness/>

Stuebe AM. Time cover sells out moms to sell magazines. Breastfeeding Medicine Blog. May 11, 2012. Accessed online: <http://bfmed.wordpress.com/2012/05/11/time-cover-sells-out-moms-to-sell-magazines/>

Stuebe AM. Don't throw the baby out with the bath water. Breastfeeding Medicine Blog. March 15, 2012. Accessed online: <http://bfmed.wordpress.com/2012/03/15/dont-throw-the-baby-out-with-the-bath-water/>

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Stuebe AM. What a difference five years makes. Breastfeeding Medicine Blog. Oct 12, 2011. Accessed online: <http://bfmed.wordpress.com/2011/10/12/what-a-difference-five-years-makes/>

Stuebe AM. Now on iTunes: An audio galactogogues. Breastfeeding Medicine Blog. April 14, 2011. Accessed online: <http://bfmed.wordpress.com/2011/04/14/now-on-itunes-an-audio-galactogogue/>

Stuebe AM. Down with rules! Breastfeeding Medicine Blog. March 9, 2011. Accessed online: <http://bfmed.wordpress.com/2011/03/09/down-with-rules/>

Stuebe AM. Is breastfeeding promotion bad for mothers? Breastfeeding Medicine Blog. Feb 21, 2011. Accessed online: <http://bfmed.wordpress.com/2011/02/21/is-breastfeeding-promotion-bad-for-mothers/>

Stuebe AM. Putting breastfeeding on the research agenda. Breastfeeding Medicine Blog. Feb 10, 2011. Accessed online: <http://bfmed.wordpress.com/2011/02/10/putting-breastfeeding-on-the-research-agenda/>

Stuebe AM. All I want for Christmas is milk. Breastfeeding Medicine Blog. Dec 22, 2010. Accessed online: <http://bfmed.wordpress.com/2010/12/22/all-i-want-for-christmas-is-milk/>

Stuebe AM. Why I'm conflicted about breast pumps and flexible spending accounts. Breastfeeding Medicine Blog. Oct 27, 2010. Accessed online: <http://bfmed.wordpress.com/2010/10/27/why-i-m-conflicted-about-breast-pumps-and-flexible-spending-accounts/>

Stuebe AM. Why 'Beetlejuice' is a losing argument to bolster breastfeeding. Breastfeeding Medicine Blog. Oct 8, 2010. Accessed online: <http://bfmed.wordpress.com/2010/10/08/why-'beetlejuice'-is-a-losing-argument-to-bolster-breastfeeding/>

Stuebe AM. Nestle, AAP Partnership half-baked. Breastfeeding Medicine Blog. Oct 7, 2010. Accessed online: <http://bfmed.wordpress.com/2010/10/07/nestle-aap-partnership-half-baked/>

Stuebe AM. Running a road race without shoes. Breastfeeding Medicine Blog. Aug 1, 2010. Accessed online: <http://bfmed.wordpress.com/2010/08/01/running-a-road-race-without-shoes/>

Stuebe AM. What does feminism have to do with breastfeeding? Breastfeeding Medicine Blog. June 12, 2010. Accessed online: <http://bfmed.wordpress.com/2010/06/12/what-does-feminism-have-to-do-with-breastfeeding/>

Stuebe AM. How will you celebrate the Ten Steps? Breastfeeding Medicine Blog. May 25, 2010. Accessed online: <http://bfmed.wordpress.com/2010/05/25/how-will-you-celebrate-the-ten-steps/>

Stuebe AM. Full disclosure. Breastfeeding Medicine Blog. May 18, 2010. Accessed online: <http://bfmed.wordpress.com/2010/05/18/full-disclosure/>

Stuebe AM. Why we still need to "Watch our language" Breastfeeding Medicine Blog. May 3, 2010. Accessed online: <http://bfmed.wordpress.com/2010/05/03/why-we-still-need-to-watch-our-language/>

Stuebe AM. When lactation doesn't work. Breastfeeding Medicine Blog. April 24, 2010. Accessed online: <http://bfmed.wordpress.com/2010/04/24/when-lactation-doesnt-work/>

Stuebe AM. Does breastfeeding prevent postpartum depression? Breastfeeding Medicine Blog. April 18, 2010. Accessed online: <http://bfmed.wordpress.com/2010/04/18/does-breastfeeding-prevent-postpartum-depression/>

Stuebe AM. Call your Senator now to support paid family leave. Breastfeeding Medicine Blog. April 13, 2010. Accessed online: <http://bfmed.wordpress.com/2010/04/13/call-your-senator-now-to-support-paid-family-leave/>

Stuebe AM. What did that study really show? Breastfeeding Medicine Blog. April 8, 2010. Accessed online: <http://bfmed.wordpress.com/2010/04/08/what-did-that-study-really-show/>

Stuebe AM. What's an abstract, and why does it matter? Breastfeeding Medicine Blog. April 8, 2010. Accessed online: <http://bfmed.wordpress.com/2010/04/08/whats-an-abstract-and-why-does-it-matter/>

Stuebe AM. If we really want to help moms. *Raleigh News and Observer*, May 10, 2009. Accessed online: <http://www.newsobserver.com/2009/05/10/34961/if-we-really-want-to-help-moms.html>

Stuebe AM. Breastfeeding and diabetes – benefits and special needs. *Diabetes Voice* 2007;51(1):26-9.

National presentations

Stuebe AM. Lactation and hormonal contraception. Presented at Updating US Medical Eligibility Criteria for Contraceptive Use, Centers for Disease for Control and Prevention, Atlanta, GA, August 2015.

Stuebe AM. Clinical determinants of breast milk cytokine profile and cellular composition. Presented at Postpartum Breast Remodelling, Lactation and Breast Cancer Risk: Toward Improved Risk Assessment and Prevention. National Cancer Institute, March 2012.

Stuebe AM. Future research directions. Expert Panel, Department of Health and Human Services Call to Action on Breastfeeding. April 2009.

Regional presentations

Duration of lactation and incidence of myocardial infarction in middle to late adulthood. New England Perinatal Society annual meeting. Winner of Ross Award for best maternal-fetal medicine research presentation by a person in training April 2007.

Tubal Factor Infertility and Preterm Birth. New England Perinatal Society annual meeting. Winner of Ross Award for best clinical research presentation by a person in training April 2006.

The Effects of Breastfeeding and Parity on After-pains. ACOG District I Conference. Quebec City, Quebec, September 2005.

Breastfeeding and Diabetes in the Nurses' Health Study. Resident Research Day, Brigham and Women's Hospital. Boston, MA, June 2003.

Teaching Record:

Lectures to medical students

09/ 2016 Breastfeeding & the Puerperium
Second-year Reproductive Medicine course
University of North Carolina School of Medicine
Chapel Hill, NC

04 / 2009-2015 Lactation Physiology and Management
Second-year Reproductive Medicine course

University of North Carolina School of Medicine
Chapel Hill, NC

- 02 / 2009 - 2014 Introduction to Lactation Physiology
First- year Medical Student Mini-lecture
University of North Carolina School of Medicine
Chapel Hill, NC
- 03 / 2013
03 / 2012 Abnormal Labor
Second-year Reproductive Medicine course
University of North Carolina School of Medicine
Chapel Hill, NC
- 2009-2016 Breastfeeding
Third-year Obstetrics and Gynecology Clerkship Series
University of North Carolina School of Medicine
Chapel Hill, NC

Lectures to graduate students

- 2015-2016 *Lactation and postpartum depression*
Reproductive Epidemiology seminar
Gillings Global School of Public Health
Chapel Hill, NC
- 2011-2014 *Lactation and maternal health*
Reproductive Epidemiology seminar
Gillings Global School of Public Health
Chapel Hill, NC
- 2011-2016 *Women's Health and Breastfeeding*
Lactation Consultant Training Lecture Series
Gillings Global School of Public Health
Chapel Hill, NC
- 2010-2015 *Anatomy and Physiology of Breastfeeding*
Lactation Consultant Training Lecture Series
Gillings Global School of Public Health
Chapel Hill, NC
- 2010-2015 *Medications and Mother's Milk*
Lactation Consultant Training Lecture Series
Gillings Global School of Public Health
Chapel Hill, NC
- 2010-2015 *Lactation and Maternal Health*
Introduction to Infant and Child Feeding
Gillings Global School of Public Health
Chapel Hill, NC
- 2010-2016 *Breastfeeding and Maternal Medical Problems*
Lactation Consultant Training Lecture Series
Gillings Global School of Public Health

Chapel Hill, NC

- 11/2009 *Properties of Human Milk*
Lactation Consultant Training Lecture Series
Gillings Global School of Public Health
Chapel Hill, NC
- 2006 & 2007 *Lactation and Epidemiology*
Epidemiological Research in Obstetrics and Gynecology
Harvard School of Public Health
Boston, MA
- 2005 & 2006 *Infertility: Clinical Issues and Implications for Epidemiology*
Epidemiological Research in Obstetrics and Gynecology
Harvard School of Public Health/Boston, MA

Lectures to residents

- 2009-2016 Intern Chapter review: Breastfeeding
- 07 / 2010 Managing maternal complications while breastfeeding
- 03/2016 Establishing the 4th Trimester
Family Medicine Resident Lecture

Seminars

- 05/2012 *Changing the Trajectory Following Preterm Birth*
Neonatology Division Meeting, UNC School of Medicine
Chapel Hill, NC
- 02/2012 *Lactation and future health: The fourth trimester and
developmental origins of health and disease*
SMFM Pregnancy and Future Health Interest Group
Dallas, TX
- 10/2010 *Breastfeeding and maternal metabolic health: What do we know,
and where might we go from here?*
Maternal-Child Health Doctoral Seminar.
Gillings Global School of Public Health
Chapel Hill, NC
- 03/2010 *Maternal genotype, gestational weight gain and glucose tolerance*
Reproductive Epidemiology Seminar
Gillings Global School of Public Health
Chapel Hill, NC
- 02/2010 *Facebook, Twitter and More*
Computing Interest Group
Society for Maternal-Fetal Medicine
Chicago, IL
- Lactation and Maternal Metabolism*

Nutrition Interest Group
Society for Maternal-Fetal Medicine
Chicago, IL

05/2007 *Gestational Weight Gain: A modifiable fetal origin of adult disease?*
Neonatology Epidemiology Seminar
Beth Israel Deaconess Medical Center
Boston, MA

03/2006 *Lactation, Diabetes, and Cardiovascular Disease Risk*
Maternal and Child Health Doctoral Seminar
Harvard School of Public Health
Boston, MA

Grand Rounds

At UNC

10/2015 *Establishing the Fourth Trimester*
Department of Obstetrics and Gynecology

06/2010 *The Ten Steps: Empowering mothers to achieve their infant feeding goals.*
Department of Obstetrics and Gynecology

10/2009 *Simple Steps: Starting with Skin-to-Skin.*
Department of Family Medicine

Outside UNC

12/2016 *Enabling breastfeeding to reduce health disparities: The pediatricians' role*
Pediatric Grand Rounds
Duke University Medical Center
Durham, NC

05/2016 *How OB's can help moms achieve their breastfeeding goals*
Obstetrics Grand Rounds
Good Samaritan Hospital
Cincinnati, OH

05/2015 *Enabling women to achieve their infant feeding goals*
Pediatric and Obstetric Grand Rounds
New Hanover Hospital
Wilmington, NC

08/2013 *The Role of the Obstetrical Physician in Promoting and Supporting Breastfeeding and how Baby Friendly Hospitals Can Improve Your Patient Outcomes*

Department of Obstetrics and Gynecology
Carolinas Medical Center
Charlotte, NC

- 08/2011 *Breastfeeding & Maternal Health: Heart Disease, Diabetes, and More*
Department of Obstetrics and Gynecology
Women and Infants Hospital
Brown University
Providence, RI
- 08/2011 *Yes, we can!*
Empowering mothers to breastfeed from skin-to-skin to long-term health benefits
Department of Pediatrics
Hasbro Children's Hospital
Brown University
Providence, RI
- 03/2011 *Lactation failure and perinatal mood disorders: Common problems arising from shared neuroendocrine pathways?*
Department of Obstetrics and Gynecology
Emory University
Atlanta, GA
- 04/2010 *Maternal Effects of Breastfeeding on the Cardiovascular System.*
Department of Obstetrics and Gynecology
East Carolina University
Greenville, NC
- 01/2008 *Breastfeeding: Opportunities and Challenges.*
South Shore Hospital
Weymouth, MA
- 05/2006 *Breastfeeding and the Preterm Infant.*
Brigham and Women's Hospital
Obstetrics and Gynecology
Boston, MA
- 03/2006 *Lactation and Diabetes Risk.*
Boston Medical Center
Obstetrics and Gynecology
Boston, MA
- 03/2006 *Medical Issues in Pregnancy.*
Faulkner Hospital Internal Medicine
Boston, MA

CME / CEU presentations

At UNC
03/2016

4th Trimester PCORI Stakeholder Engagement Meeting
Chapel Hill, NC

- *Defining postpartum patient-centered health service priorities in the 4th Trimester*
- *Infant Care and Feeding*

02/2011 *Breastfeeding: How prenatal care providers can empower mothers to meet their infant feeding goals. Optimizing Women's Health from Adolescence to Menopause: Putting Research into Practice.*
UNC Department of Obstetrics and Gynecology

11/2010 *Breastfeeding: A two-person, single-organ system. The Mind-Body Solution: Women's Mental Health and Wellness Conference.*
UNC Department of Psychiatry

11/2009 *Maternal complications during breastfeeding.*
What Every Physician Needs to Know About Breastfeeding Workshop

11/2009 *Breastfeeding and Maternal Medications.*
What Every Physician Needs to Know About Breastfeeding Workshop

05/2009 *Using genetics to understand pregnancy weight gain and gestational diabetes.* Ross Society Annual Meeting

03/2009 *Simple steps: Starting with Skin-to-Skin.*
2nd Annual Science Behind the Art of Maternity Care: Evidence-Based Pregnancy, Birth and Postpartum Care

Outside UNC

03/2017 Why does it hurt? A differential diagnosis for breastfeeding-associated pain
Kansas Breastfeeding Coalition Physician Seminar
Wichita, KS

03/2017 La Leche League of Kansas: Maternal Health and Breastfeeding Success

- Establishing the 4th Trimester
- Breastfeeding and Postpartum Depression
- Does breastfeeding prevent metabolic syndrome, or does metabolic syndrome prevent breastfeeding?
- Building a Breastfeeding Culture

Newton, KS

03/2017 La Leche League of Kansas Leader Day

- Establishing the 4th Trimester
- Breastfeeding and Postpartum Depression
- Does breastfeeding prevent metabolic syndrome, or does metabolic syndrome prevent breastfeeding?
- Building a Breastfeeding Culture

Newton, KS

- 03/2017 ASTHO Breastfeeding and Contraception Webinar
The data aren't clear....So what do we do now?
Presented with Amy Bryant, MD
- 01/2017 SMFM Obstetric Debates
- Pro: The modified labor curve: A safe and effective approach to preventing the first Cesarean
 - Con: Peripartum LARC: An effective intervention to improve obstetric health and outcomes
- Las Vegas, NV
- 01/2017 Breastfeeding and future maternal health
Society for Maternal-Fetal Medicine
Pregnancy as a Window to Future Health Special Interest Group
Las Vegas, NV
- 11/2016 AACR Cancer Risk and Prevention Conference
Reducing Cancer Risk by Enabling Women to Breastfeed
Orlando, CA
- 10/2016 SWAG Lactation Conferences
- Lactation, Oxytocin and Perinatal Mood Disorders
 - Obesity, Maternal Metabolic Disease, Diabetes and Early Weaning: Which Comes First and What Can We Do About It?
 - Why Does It Hurt? A Differential Diagnosis For Breastfeeding Associated Pain Building a Breastfeeding Culture: Barriers to Promoting Breastfeeding and How to Overcome Resistance to Change
- Berkeley, CA
- 10/2016 31st Annual Asbury Memorial Lectureship
- 4th Trimester Awareness and Safety
 - Mood, Mother and Infant: The Psychobiology of Postpartum Mood Disorders
 - Helping Women to Achieve Their Breastfeeding Goals
- Corvallis, OR
- 10/2016 The 4th Trimester: Implications for assessment and care of women with endocrine abnormalities.
Food & Nutrition Conference & Expo 2016.
Boston, MA
- 05/2016 *Postpartum Depression and the Breastfeeding Mom*
Center for Interdisciplinary Research in Human Milk and Lactation
Cincinnati, OH
- Breastfeeding Q&A with University of Cincinnati faculty and staff*
University of Cincinnati Hospital
Cincinnati, OH
- Breastfeeding, maternal health and shared decision-making*
HOPE Community Event: The Obstetrician and the Opiate-Addicted Mother

Good Samaritan Hospital
Cincinnati, OH

It's so much more than just the latch: Crucial Conversations about Breastfeeding

Cincinnati Children's Hospital

- 05/2016 *Lactation and hormonal contraception*
Long Acting Reversible Contraception (LARC) Immediately Postpartum Learning Community
Virtual Learning Session #4
Association of State and Territorial Health Officials
- 05/2016 *Optimizing Support for Breastfeeding as Part of Obstetric Practice*
New York State Prevention Agenda Webinar Series
New York Department of Health
- 05/2016 Accelerating momentum on your baby-friendly journey
EMPower Learning Collaborative Meeting
Atlanta, GA
- *Building a Breastfeeding Culture Using the Six Sources of Influence*
 - *Ask the Experts! Panel and Roundtable*
- 04/2016 Frederick Memorial Hospital Breastfeeding Conference
Frederick, MD
- *It's so much more than latch*
 - *Why does it hurt? A differential diagnosis for breastfeeding associated pain.*
 - *Obesity, maternal metabolic disease and early weaning: Which came first and what can we do about it?*
 - *Mood, mother and infant : oxytocin, lactation and perinatal mood disorders*
- 03/2016 *Establishing the 4th Trimester*
First Food Forum 2016: Health Equity in Every Community
Washington, DC
- 03/2016 Breastfeeding and Feminism International Conference
Chapel Hill, NC
- *The 4th Trimester Project*
 - *Breastfeeding, Contraception, and Ethics, Oh My!: Advocacy and informed decision-making in the post-partum period*
- 03/2016 4th Annual Breastfeeding Forum: Practices for the Future
Winston Salem, NC
- *Establishing the 4th Trimester*
 - *Breastfeeding Implications: Postpartum Depression, Tobacco and Marijuana*
- 02/2016 2016 Becoming Baby-Friendly in Oklahoma Summit
Oklahoma City, OK

- *Building a Breastfeeding Culture using the Six Sources of Influence*
 - *The Role of the Obstetrical Physician in Promoting and Supporting Breastfeeding and How Baby-Friendly Hospitals Can Improve Your Patient Outcomes*
- 11/2015 *Lactation, Oxytocin and Perinatal Mood Disorders*
2nd Biennial Perinatal Mental Health Conference
Asher Center for the Study and Treatment of Depressive Disorders, Northwestern University
Chicago, IL
- 10/2015 *Breastfeeding and Postpartum Depression*
American Academy of Pediatrics Annual Meeting
Washington, DC
- 10/2015 *Establishing the Fourth Trimester*
Academy of Breastfeeding Medicine International Conference
Los Angeles, CA
- 10/2015 *Q&A with Alison Stuebe: Everything You Always Wanted to Ask a Breastfeeding Medicine Expert*
Art of Breastfeeding Conference 20th Annual Conference
Chapel Hill, NC
- 04/2015 *It's so much more than the latch:
Skills for talking about breastfeeding
Why does it hurt?: A differential diagnosis for breastfeeding-associated pain
Metabolic Syndrome and Breastfeeding: Implications and Outcomes
Building a Breastfeeding Culture*
Ottawa, Ontario, Canada
- 03/2015 *Biopsychosocial vulnerability, lactation and postpartum depression
The risks of risk-based language*
10th Breastfeeding and Feminism International Conference
Breastfeeding, Social Justice and Equity:
Reflecting, Reclaiming, Re-Visioning
Chapel Hill, NC
- 03/2015 *Why does it hurt?: A differential diagnosis for breastfeeding-associated pain
Mood, Mother and Infant: Infant Feeding and Postpartum Depression*
26th Annual Conference on Breastfeeding: Promoting and Protecting Babies' Health
Atlanta, GA
- 02/2015 *How obstetric providers can enable women to achieve their breastfeeding goals
Building a Breastfeeding Culture: Barriers to promoting breastfeeding and how to overcome resistance to change*
VIII Congreso Español de Lactancia Materna

- "Construyendo Salud"
Bilbao, Spain
- 10/2014 *Lactation, Oxytocin, and Perinatal Depression*
International Society for Research in Human Milk and Lactation
Kiawah, SC
- 10/2014 *Lactation 201: It's so much more than just the Latch*
Preconference Workshop
24rd Annual Art of Breastfeeding Conference
Wake AHEC
Chapel Hill, NC
- 09/2014 *Mood, Mother and Infant: Infant Feeding and Postpartum Depression*
Bronx Breastfeeding Coalition Annual Conference
Bronx, NY
- 08/2014 *The Cost of Suboptimal Breastfeeding*

Caring for the whole mother-baby dyad: Breastfeeding, primary care and maternal mental health

Building a Breastfeeding Culture
Liquid Gold, the Australian Breastfeeding Association Golden Jubilee National Conference
Melbourne, VIC, Australia
- 07/2014 *Why Does It Hurt? A differential diagnosis for breastfeeding-associated pain*

Plenary: Obesity, Maternal Metabolic Disease, and Early Weaning: Which came first and what can we do about it?
International Lactation Consultant Association 2014 Annual Conference & Meeting
Phoenix, AZ
- 06/2014 *Breastfeeding and Maternal Health*
Resident Research Day Visiting Professor
Wake Forest School of Medicine
Winston Salem, NC
- 05/2014 *Why does it hurt? A differential diagnosis of breastfeeding-associated pain*
Creating a breastfeeding culture—strategies for change
Hormones, birth, breastfeeding, and their impact on perinatal mood disorders
Placer Lactation Conferences
Roseville, CA
- 02/2014 *Association between GDM and metabolic syndrome*
Breastfeeding and Metabolic Syndrome
SMFM / ACOG Workshop
Pregnancy as a Window to Future Health

New Orleans, LA

- 12/2013 *Creating Sustainable Change Using the Six Sources of Influence*
Perinatal Quality Collaborative of North Carolina Webinar
Chapel Hill, NC
- 10/2013 *Breastfeeding & Maternal Health*
Lactation Failure and Perinatal Mood Disorders: Common Problems Arising from Shared Neuroendocrine Pathways
Akron Children's Hospital
Akron, OH
- 10/2013 *Building a Breastfeeding Culture*
23rd Annual Art of Breastfeeding Conference
Wake AHEC
Chapel Hill, NC
- 09/2013 *Pain and breastfeeding*
Breastfeeding in the Bay State 2013
Massachusetts Breastfeeding Coalition Conference
Boston, MA
- 08/2013 *Diabetes and Breastfeeding*
Breastfeeding Symposium
Department of Obstetrics & Gynecology
Brody School of Medicine at ECU
Women's Services, Vidant Medical Center
Greenville, NC
- 08/2013 *The Role of the Obstetrical Physician in Promoting and Supporting Breastfeeding and how Baby Friendly Hospitals Can Improve Your Patient Outcomes*
Charlotte AHEC
Carolinas HealthCare System
Charlotte, NC
- 08/2013 *The Critical Role of the Ob/Gyn in Breastfeeding*
Creative Breastfeeding Associations
Charlotte AHEC
Charlotte, NC
- 05/2013 *Why does it hurt? An approach to evaluation and management of breastfeeding associated pain*
Breastfeeding and Maternal Health - Heart Disease, Diabetes and more
Mid-Hudson Lactation Consortium Annual Breastfeeding Education Conference
Middletown, NY
- 04/2013 *Building a breastfeeding culture using the six sources of influence*
Keynote presentation, GOLD Lactation Online Conference
- 04/2013 *Breastfeeding and Maternal Health - Heart Disease, Diabetes and more*

- Why does it hurt? An approach to evaluation and management of breastfeeding associated pain*
Yes we can! Transitioning home for breastfeeding success
Breastfeeding Today
 Western Michigan Association of Lactation Consultants
 Grand Rapids, MI
- 04/2013 *Making change that sticks: Lessons from the six sources of influence*
 Perinatal Quality Collaborative for North Carolina / Wake AHEC
 Raleigh, NC
- 02-03/2013 *Breastfeeding: Turning the Tide*
Does breastfeeding prevent maternal metabolic disease or does maternal metabolic disease prevent breastfeeding?
Mood, mother and infant: Breastfeeding and postpartum depression
Choose your words carefully – Reclaiming breastfeeding as the cultural norm
 Auckland, NZ
- 02/2013 *Breastfeeding: Turning the Tide*
Does breastfeeding prevent maternal metabolic disease or does maternal metabolic disease prevent breastfeeding?
Mood, mother and infant: Breastfeeding and postpartum depression
Choose your words carefully – Reclaiming breastfeeding as the cultural norm
 Surfers Paradise, QLD, Australia
- 02/2013 *Turning the Tide for Birth and Breastfeeding*
Does breastfeeding prevent maternal metabolic disease or does maternal metabolic disease prevent breastfeeding?
Mood, mother and infant: Breastfeeding and postpartum depression
Breastfeeding for medical professionals – what every doctor needs to know
 Warrnambool, VIC, Australia
- 11/2012 *The Mind-Booby Connection: Using neuroscience research to help mothers achieve their breastfeeding goals*
 LATCH-AZ, Tucson, AZ
- 11/2012 *Yes we can! How OB providers can enable mothers to achieve their infant feeding goals*
 Tucson Medical Center
 Tucson, AZ
- 11/2012 *Breastfeeding Jeopardy*
 St. Joseph's Hospital and Medical Center
 Phoenix, AZ
- 11/2012 *The Mind-Booby Connection: Using neuroscience research to help mothers achieve their breastfeeding goals*

St. Joseph's Hospital and Medical Center
LATCH-AZ, Phoenix, AZ

- 10/2012 *Mood, Mother and Infant: Oxytocin, lactation and perinatal mood disorders*
Academy of Breastfeeding Medicine International Meeting
Chicago, IL
- 10/2012 *Integrated Approaches to Mood Disorders in Breastfeeding*
Multidisciplinary workshop
Academy of Breastfeeding Medicine International Meeting
Chicago, IL
- 10/2012 *Sounds like yeast to me...*
22nd Annual Art of Breastfeeding Conference
The Future is Now! Contemporary Concepts and Care for
Breastfeeding Families
Wake AHEC
Chapel Hill, NC
- 09/2012 *Breastfeeding and Maternal Health*
Why does it hurt? A differential diagnosis for breastfeeding-associated pain
Bronx Breastfeeding Coalition Conference, Bronx, NY
- 05/2012 *Why does it hurt? A differential diagnosis for breastfeeding-associated pain.*
WakeMed OB Clinic Staff Meeting, Raleigh, NC
- 05/2012 *The Skinny on Skin-to-Skin.*
Randolph Hospital, Asheboro, NC
- 03/2012 *The Risks of Not Breastfeeding.* NorthWest AHEC Conference,
Lenoir NC.
- 01/2012 *How OB providers can enable mothers to achieve their infant feeding goals.*
Arizona Department of Health Services Conference
Phoenix, AZ
- 11/2011 *A differential diagnosis for breastfeeding-associated pain*
Academy of Breastfeeding Medicine International Conference
Miami, FL
- 9/2011 *The skinny on skin-to-skin.*
Art of Breastfeeding 21th Annual Conference. Wake AHEC.
Chapel Hill, NC
- 09/2011 *Breastfeeding: A two-person, single organ system*
The impact of birthing practices
Why does it hurt? An approach to breastfeeding-associated pain
Breastfeeding and Maternal Health
Akron Children's Hospital Breastfeeding Conference
Akron, OH

- 08/2011 *Breastfeeding: How care providers can enable mothers to meet their infant feeding goals*
Rhode Island Department of Public Health
Warwick, RI
- 06/2011 *Ouch! Updates on the causes and treatment of breastfeeding-associated pain*
Triangle Breastfeeding Alliance, Wake AHEC
Raleigh, NC
- 03/2011 *The Impact of Birthing Practices on Breastfeeding.*
LCCU Annual Review. Wake AHEC.
Raleigh, NC
- 03/2011 *Yes we can! Empowering mothers in the transition from hospital to home.*
Australian Breastfeeding Association Seminar.
Hobart, TAS; Melbourne, VIC; Canberra, ACT and Brisbane, QLD
- 03/2011 *Why does it hurt? An approach to breastfeeding-associated pain.*
Australian Breastfeeding Association Seminar.
Hobart, TAS; Melbourne, VIC; Canberra, ACT and Brisbane, QLD
- 03/2011 *Managing maternal complications while breastfeeding.*
Department of Obstetrics and Gynecology Resident Lecture.
Emory University
Atlanta, GA
- 02/2011 *Postnatal Nutrition: Breastfeeding. At the Frontiers of Science and Medicine: Environment, Nutrition, and (Epi)genomics.*
SMFM Postgraduate Course
San Francisco, CA
- 10/2010 *Why does it hurt? An approach to the evaluation of breastfeeding-associated pain.* Breastfeeding: A Bridge to the Gold Standard.
Academy of Breastfeeding Medicine 15th Annual International Meeting.
San Francisco, CA
- 10/2010 *Breastfeeding and Maternal Health — Heart Disease, Diabetes, and More.* Keynote speaker, Breastfeeding in the Bay State.
Massachusetts Breastfeeding Coalition Annual Conference.
Boston, MA
- 10/2010 *Why does it hurt? An approach to the evaluation of breastfeeding-associated pain.*
Art of Breastfeeding 20th Annual Conference. Wake AHEC.
Chapel Hill, NC
- 09/2010 *Breastfeeding for the MFM Physician.*
SMFM Fellows Lecture Series

- 06/2010 *Facebook, Twitter and more: Social Networking and Web 2.0.* MCHB Distance Learning Grantee Annual Meeting, webinar.
- 04/2010 *The Impact of Birthing Practices on Breastfeeding.* LCCU Annual Review. Wake AHEC. Raleigh, NC
- Applied physiology of breastfeeding initiation. The Physicians' Role in Breastfeeding Support: Essential Clinical and Policy Issues.* Asheville, NC
- Maternal complications during breastfeeding. The Physicians' Role in Breastfeeding Support: Essential Clinical and Policy Issues.* Asheville, NC
- Breastfeeding and Maternal Medications. The Physicians' Role in Breastfeeding Support: Essential Clinical and Policy Issues.* Asheville, NC
- 02/2010 *Applied physiology of breastfeeding initiation. What Every Physician Needs to Know About Breastfeeding Workshop.* Gastonia, NC
- Maternal complications during breastfeeding. What Every Physician Needs to Know About Breastfeeding Workshop.* Gastonia, NC
- Breastfeeding and Maternal Medications. What Every Physician Needs to Know About Breastfeeding Workshop.* Gastonia, NC
- Lactation and women's health. 2010 International Conference on the Theory and Practice of Human Lactation Research and Breastfeeding Management.* Orlando, FL
- 10/2009 *Simple steps: Starting with Skin-to-Skin.* Keynote, Art of Breastfeeding 19th Annual Conference. Wake AHEC. Chapel Hill, NC
- 04/2009 *Simple steps: Starting with Skin-to-Skin.* LCCU Annual Review. Wake AHEC. Raleigh, NC
- 03/2009 *Yes we can! Empowering women in the transition from birthplace to home.* 4th Symposium on Breastfeeding and Feminism. Greensboro, NC
- 10/2008 *Pregnancy, Lactation and Maternal Metabolism.* Academy of Breastfeeding Medicine Annual Conference. Dearborn, MI

Breastfeeding and Diabetes: Old Challenges, New Opportunities.
18th Annual Art of Breastfeeding Conference. Wake AHEC.
Chapel Hill, NC

- 09/2007 *It's My Birthday, Give Me a Hug! Skin-to-Skin Care.*
Massachusetts Breastfeeding Coalition Annual Conference.
Waltham, MA
- 03/2007 *Breastfeeding: Getting it started, keeping it going.*
Harvard CME course in obstetrics and gynecology.
Boston, MA
- 12/2006 *It's My Birthday, Give Me a Hug! Skin-to-Skin Care.*
Harvard Vanguard Medical Associates CME program.
Boston, MA
- 09/2006 *Culture Change: Eliminating Formula Marketing Bags.*
Massachusetts Breastfeeding Coalition Annual Conference.
Waltham, MA
- 05/2006 *Counseling and Common Problems. Breastfeeding: What Every
Doctor Needs to Know.* MMS CME program.
Boston and Springfield, MA
- 03/2006 *It's My Birthday, Give Me a Hug! Skin-to-Skin Care.* Center for
Women and Newborns Conference, Partners Health Care.
Boston, MA
- 09/2005 *Breastfeeding and Maternal Anesthesia.*
Massachusetts Breastfeeding Coalition Annual Conference.
Natick, MA
- Breastfeeding and Diabetes.*
Massachusetts Breastfeeding Coalition Annual Conference.
Natick, MA
- 07/2005 *Medical Issues in Breastfeeding.* ACOG Massachusetts Section,
2005 Annual Meeting Educational Program.
Waltham, MA
- 11/2003 *Breastfeeding and Diabetes.* Center for Women and Newborns
Nurses' Conference, Partners Healthcare.
Boston, MA

Research Mentorships

Undergraduates

- 2012-2013 **Karen Hardy, BA**
Senior
University of North Carolina at Chapel Hill

Project: Racial and ethnic differences in beliefs
about exclusive breastfeeding

Poster presentation, Society for Maternal-Fetal Medicine
February 2013

2013

Alexandra Anderson

Junior
University of North Carolina at Chapel Hill
Women's Studies Internship

Project: Postpartum Well-Being and Health Care Needs of NICU
Mothers

Abstract submitted, SMFM 2014

Medical Students

2014

Shan Robertson

Third-year Medical Student
University of North Carolina School of Medicine

Project: Prenatal anxiety symptoms and infant feeding patterns

Oral Presentation at the Academy of Breastfeeding Medicine
International Meeting, Cleveland, OH

2014

Paris Scott

Second-year Medical Student
University of North Carolina School of Medicine

Project: Perinatal Post-Traumatic Stress Symptoms, Mood,
Parenting and Infant Feeding

Presented at the Society for Reproductive Investigation, San
Francisco, CA

2014

Marisa Sturza

Second-year Medical Student
University of North Carolina School of Medicine

Project: Perinatal eating disorder symptoms, parenting stress, and
infant feeding

Presented at the Society for Reproductive Investigation, San
Francisco, CA

2010

Kimberly Newton, MPH

First-year Medical Student
University of North Carolina School of Medicine
Carolina Medical Student Research Program

Project: Maternal mood and heart rate variability during infant feeding

Poster presentation, Society for Gynecologic Investigation, March 2011.

2010

Olivia Gage

First-year Medical Student
University of North Carolina School of Medicine
International Health Summer Elective

Project: Knowledge, Attitudes and Practices of Mosquito Net Utilization of Family Caregivers in Shirati, Tanzania

Residents

2013

Christina McCall, MD

Obstetrics and Gynecology Senior Resident
University of North Carolina School of Medicine

Project: Single Institution Experience with Implementation of an Obstetric Hemorrhage Protocol

Resident Research Day Presentation

2011

Mamie McLean, MD

Obstetrics and Gynecology Senior Resident
University of North Carolina School of Medicine

Project: Incision and Wound Complications in the Obese Parturient

McLean M, Hines R, Polinkovsky M, Stuebe A, Thorp J, Strauss R. Type of Skin Incision and Wound Complications in the Obese Parturient. Am J Perinatol. 2012 Apr;29(4):301-6.

2011

David Ryan, MD

Obstetrics and Gynecology Senior Resident
University of North Carolina School of Medicine

Project: Reevaluation of discriminatory and threshold levels for serum β -hCG in early pregnancy

Connolly A, Ryan DH, Stuebe AM, Wolfe HM. Reevaluation of discriminatory and threshold levels for serum β -hCG in early pregnancy. Obstet Gynecol. 2013. Jan;121(1):65-70.

Fellows

2010 – 2014

Carmen Beamon, MD

Maternal-Fetal Medicine Fellow (3 years)

University of North Carolina School of Medicine

Projects:

Neonatal Outcomes associated with Regional Anesthesia in Preeclamptic Patients

Awarded Tracs 2K grant for secondary analysis study

Universal transvaginal and transabdominal cervical length screening for short cervix

Poster presentation, Society for Maternal Fetal Medicine, February 2013

Postpartum Weight Retention and HPA-Axis Response to Stress
Poster presentation, Society for Gynecologic Investigation, March 2012

Beamon CJ, Stuebe AM, Wolfe HM. Factors Influencing Visualization of the Intracranial Translucency during First-Trimester Screening for Aneuploidy. *Am J Perinatol.* 2012 Aug;29(7):503-8.

2010 - 2013

Kacey Eichelberger, MD

Maternal-Fetal Medicine Fellow (3 years)

University of North Carolina School of Medicine

Project: Association of maternal serum paraxanthine and severe preeclampsia

Poster presentation, Society for Maternal-Fetal Medicine, February 2012

2009 – 2010

Arthur Baker, MD

Maternal-Fetal Medicine Fellow (1st year)

University of North Carolina School of Medicine

Project: Association of Midgestation Vitamin D Deficiency and Severe Preeclampsia

Baker AM, Haeri S, Camargo CA, Jr., Espinola JA, Stuebe AM. A nested case-control study of midgestation vitamin D deficiency and risk of severe preeclampsia. *J Clin Endocrinol Metab.* Nov 2010;95(11):5105-5109.

2009 – 2010

Champa Chaudhury, MD

Maternal-Fetal Medicine Fellow (2nd year)

University of North Carolina School of Medicine

Project: Association of Angiogenic Factors and Vitamin D in Preeclampsia

Selected for Fellow's oral plenary presentation, SMFM 2011.

Woodham PC, Brittain JE, Baker AM, Long DL, Haeri S, Camargo CA, Bogges KA, Stuebe AM. Midgestation Maternal Serum 25-Hydroxyvitamin D Level and Soluble Fms-Like Tyrosine Kinase 1/Placental Growth Factor Ratio as Predictors of Severe Preeclampsia. *Hypertension*. 2011 Dec;58(6):1120-5.

Masters & Doctoral Candidates

2015-present

Kathryn G. Wouk

Maternal & Child Health Doctoral Candidate

Project: The role of positive emotions in perinatal mental health and breastfeeding

2012-2016

Ellen Chetwynd

Maternal & Child Health Doctoral Candidate

Gillings Global School of Public Health

Project: The Management of Maternal Symptoms (MOMS) Study

Project: Pre-pregnancy BMI and Breastfeeding Duration among African-American Women

Project: Lactation and Maternal Metabolic Health in the Black Women's Health Study

2013-2014

Lynn Hinton

Epidemiology Doctoral Candidate

Gillings Global School of Public Health

Research practicum advisor

Project: Designing an epidemiologic intervention: Establishing a collaboration with the Mothers and Others Study

2013

Anna Dean

Maternal & Child Health Master's Candidate

Gillings Global School of Public Health

Summer practicum supervisor, Master's Thesis advisor

Project: NICU Moms: A web-based survey

2012-2014

Beth Horton

Biostatistics Doctoral Candidate

Gillings Global School of Public Health

Dissertation committee member

Project: Test-dependent sampling and semiparametric inference for estimating area under the ROC curve

- 2012-present **Chantel Martin**
Epidemiology Doctoral Candidate
Gillings Global School of Public Health
- Dissertation committee member
Project: Maternal dietary patterns, biomarkers of metabolic fuels, and early childhood weight status
- 2012-2013 **Anne Starling**
Epidemiology Doctoral Candidate
Gillings Global School of Public Health
- Dissertation committee member
Project: Perfluoroalkyl Substances in Pregnancy and the Risk of Preeclampsia
- 2012 **Sadaf Khan**
Chemistry and Biochemistry Doctoral Candidate
University of Western Australia
- Dissertation committee member
Project: Short-term variation in breastmilk composition: associations with feeding patterns and gastric emptying in term infants
- 2011-2012 **Patricia Casbas-Hernandez**
Epidemiology Doctoral Candidate
Gillings Global School of Public Health
- Co-Mentor
Project: Understanding How Obesity and Breastfeeding Alter Breast Inflammatory Environments
- Winner, 2012 Graduate Education Advancement Board Impact Award
- 2010 - 2012 **Quaker Harmon, MD**
Epidemiology Doctoral Candidate
Gillings Global School of Public Health
- Dissertation Committee Member
Thesis: Variations in Inflammatory and Cell Cycle Genes and Preterm Birth, Small for Gestational Age and Gestational Hypertension.
- Harmon QE, Engel SM, Olshan AF, Moran T, Stuebe AM, Luo J, Wu MC, Avery CL. Association of Polymorphisms in Natural Killer Cell-Related Genes With Preterm Birth. *Am J Epidemiol.* 2013 Aug 27. [Epub ahead of print]
- 2010 - 2011 **Ellen Chetwynd**
Masters Candidate – Maternal & Child Health

Gillings School of Global Public Health

Project: International Board Certified Lactation Consultants:
Current Reimbursement Practices in the United States

Chetwynd E, Meyer A, **Stuebe A**, Costello R, Labbok M.
Recognition of International Board Certified Lactation Consultants
by health insurance providers in the United States: Results of a
national survey of lactation consultants. *J Hum Lact*. 2013 Aug 20.
[Epub ahead of print]

2009 – 2011

Stephanie Watkins

Epidemiology Doctoral Candidate
Gillings Global School of Public Health

Project: Early breastfeeding experience and postpartum
depression in the Infant Feeding Practices Study

Poster presented at the Academy of Breastfeeding Medicine, San
Francisco, CA, October 2010.

Watkins S, Meltzer-Brody S, Zolnoun D, Stuebe A. Early
Breastfeeding Experiences and Post Partum Depression. *Obstet
Gynecol* 2011 Aug;118(2 Pt 1):214-21.

Winner, 2012 Graduate Education Advancement Board Impact
Award

2009 – 2010

Eric Nowicki

Epidemiology Doctoral Candidate
Gillings Global School of Public Health

Dissertation committee member
Thesis: Measurement Error of Energy Intake During Pregnancy
and its Influence on the Association Between Carbohydrate
Quality and Fetal Growth.

Nowicki E, Siega-Riz AM, Herring A, He K, Stuebe A, Olshan A.
Predictors of measurement error in energy intake during
pregnancy. *Am J Epidemiol*. 2011 Mar 1;173(5), 560-8.

Other

2010 - present

Stephanie Zerwas, PhD

BIRCWH Secondary Mentor/Department of Psychiatry
University of North Carolina School of Medicine

Project: Manifestations of eating disorders during pregnancy and
postpartum

Clinical Teaching – 2008 to Present

Obstetric inpatient attending physician for approximately 8 weeks per year. Responsibilities include supervision of fellows, residents and medical students and instruction in maternal-fetal medicine, including labor and delivery, antepartum admissions, and postpartum care.

Obstetric outpatient attending physician. High risk clinic and ultrasound unit, 1-2 sessions per week. Responsibilities include supervision and instruction of medical students, residents and fellows in maternal-fetal medicine, including prenatal diagnosis and prenatal care.

Electronic Teaching Materials Produced:

1. **Stuebe A.** Physiologic changes in pregnancy: Med-Challenger Women's Health Care Course [computer program]. Challenger Corporation, 2004.
2. **Stuebe A.** Postoperative complications: Med-Challenger Women's Health Care Course [computer program]. Challenger Corporation, 2004.

Grants :

Active Grants

2016-2017

EPC V – RFTO #35

Medium Systematic Review: Breastfeeding and Maternal Health Outcomes in Developed Countries

Role: Co-I

10% effort

2016-2019

R40MC29455

Care4Moms

Role: PI

\$196,707 (Year 1), 10% effort

2016-2021

R01DA038215

Cocaine and Maternal Behavior: Effects on Trajectory of Infant Brain Development

Role: Co-I

PI: Karen Grewen

\$538,740.00 (year 1), 3% effort

2013-2020

N01-HC65233

Coordinating Center, Hispanic Community Health Study / Study of Latinos

Role: Co-I

PI: Jianwen Cai

\$3,110,018 (year 3), 8% effort

2013-2018

NIH-NICHD_DESPR-2013-17-1

Diet, Obesity, and Weight Change in Pregnancy

Role: Co-I

PI: Miles Faith, Department of Nutrition, UNC Gillings School of Global Public Health

\$611,716 (first 18 months), \$1,800,919 (total), 5% effort

2013-2018

R01 HD073220

Mood, mother and infant: The psychobiology of impaired dyadic development

Role: PI

\$408,189 (year 3), \$1,962,078 (total), 15% effort

2013-2017

R01HL109216-01A1

Lactation Effects on Postnatal Endothelial Function and Vascular Inflammation

Role: Co-I

PI: Grewen

\$309,135 (year 3), \$1,249,581 (total), 10% effort

2012-2017

R01MH095992

Identifying Biomarkers for Post-Partum Depression in African-American Women

Role: Co-I

Co-PI: David Rubinow and Patrick Sullivan

\$818,946 (year 4), \$4,928,522 (total) 4.5% effort

2015-2017

EAIN-2603

PCORI Conference Engagement Grant

Defining unmet patient-centered health care needs in the 4th Trimester

Role: Co-I

PI: Sarah Verbiest

\$89,284 (year 1), \$177,567 (total), 5% FTE

Completed Grants

2014-2015

American Heart Association Beginning Grant-in-Aid, submitted January 2014

Lactation, oxytocin and maternal cardiometabolic health later in life

Role: Site PI

PI: Egle Bytautiene, University of Texas Medical Branch

\$9,949 (Year 1), \$19,898 (Total), no salary support

2013-2014

No Number

W. K. Kellogg Foundation

Quantifying the economic burden of suboptimal breastfeeding: a comprehensive maternal and pediatric cost analysis

Role: Co-I

PI: Melissa Bartick

\$15,565 (total), 5% effort

2013-2014

No Number

NC Tracs CTSA Multisite Pilot Grant

National Perinatal Research Consortium: Registry for Adverse Rare Events (RARE)

PI: Stuebe

\$25,000 (UNC), \$125,000 (total across 5 sites), no salary support

2012-2014

R21DK092750-01

Improving Outcomes for Women with GDM and their Infants

Role: Co-PI

PI, Diane Berry, UNC School of Nursing

\$150,000 (year 1), \$275,000 (total) 5% effort.

2012-2013

3R01NR012899-3W1

Affective and Genomic Mediators of Sustained Behavior Change

Role: Co-I

PI: Barbara Fredrickson

\$71,618 (total), 4% effort

2012-2013

No Number

W. K. Kellogg Foundation

Quantifying the economic burden of suboptimal breastfeeding: a maternal cost analysis

Role: Co-I

PI: Melissa Bartick

\$15,565 (total), 0.5% effort

2011-2012

Society of Family Planning

Immediate postpartum vs. 4-8 week postpartum LNG-IUS use and breastfeeding: A randomized clinical trial

Role: Co-I

PI: Gretchen Stuart

\$120,000 (total), no salary support

2011-2012

R01HD049763-05

NIH/NICHD

Best Infant Nutrition for Good Outcomes

Role: Co-I

PI: Karen Bonuck

\$55,725 (total), 20% effort

2011-2012

ECHO Pilot Grant

PI, Alamance / UNC Breastfeeding Collaboration (ABC) Project

Role: PI

\$12,000 (total), no salary support

2011-2012

Alamance Alliance for Children and Families

Cultural and Linguistic Competence Mini Grant

Integrating mental health services into the CenteringPregnancy Curriculum

Role: Co-I

PI: Kathleen Shapley-Quinn

\$5,878 (total), no salary support

2010-2012

University Research Council
The CALM Study: Cardiovascular Autonomic Regulation, a Longitudinal Maternal Study
Role: PI
\$3,450 (total), no salary support

2010-2011

NC TraCS 50K
Reducing the Risk of Chronic Disease: A Group-Based Weight Loss Program for Postpartum Mothers
Role: Co-I
PI: Diane Berry
\$50,000 (total), no salary support

2010-2011

NC TraCS 10K
Management of Maternal Symptoms (MOMS) Study
Role: PI
\$10,000 (total), no salary support

2010-2011

NC TraCS 10K
Determining the Role of the Human Milk Microbiome in Breastfeeding-Associated Pain
Role: PI
\$10,000 (total), no salary support

2010-2011

Medical Alumni Foundation
Determining the Role of the Human Milk Microbiome in Breastfeeding-Associated Pain
Role: PI
\$8,000 (total), no salary support

2010-2011

NC TraCS 10K
Feasibility of Collecting Breastfeeding data using Validated Questionnaires when the Levonorgestrel-Releasing Intrauterine Device is Placed 10 Minutes to 48 Hours Postpartum; Add on to an Ongoing Funded Pilot Study
Role: Co-I
PI, Gretchen Stuart
\$10,000 (total), no salary support

2008-2011

NIH 5K12HD050113-04
Women's Reproductive Health Research Faculty Scholar
Role: Faculty scholar
PI, Dan Clarke-Pearson
\$75,000 (total), 75% effort

2009-2010

NC TraCS 50K
Neuroendocrine Pathophysiology in Postpartum Depression and Lactation Failure
Role: Co-PI
MPI: Samantha Meltzer-Brody

\$50,000 (total), no salary support

2009-2010

NIH DK056350

Nutrition and Obesity Research Center Pilot and Feasibility Grant

University of North Carolina Chapel Hill Nutrition and Obesity Research Center

Role: PI

\$24,000 (total), no salary support

2008-2010

University Research Council

University of North Carolina pilot grant

Genetic Polymorphisms and Metabolic Complications of Pregnancy

Role: PI

\$5,000 (total), no salary support

2006-2009

NIH R21DK073739-01A1

Lactation and Diabetes Risk Factors in Women

Role: Consultant

PI, Janet Rich-Edwards

\$2,000 (total)

2007-2008

Partners IS Research Council

Clinical Decision Support for Women with a History of Gestational Diabetes

Role: PI

\$66,000 (total), no salary support.

2006-2008

Brigham and Women's Department of Obstetrics and Gynecology internal grant

Expanding the Boundaries, Obstetrical Outcomes of Singleton IVF Pregnancies

Role: PI

\$10,000 (total), no salary support.

Professional Service:

National

NIH Study Section ad-hoc reviewer

February 2012 *NIEHS Special Emphasis Panel ZES1 TN-D(S1)*

April 2014 *NICHD Special Emphasis Panel ZHD1 DSR-H*

June 2015 Clinical and Integrative Diabetes and Obesity

June 2016 Clinical and Integrative Diabetes and Obesity

American College of Obstetricians and Gynecologists

2013-2016 Member, Committee on Obstetric Practice

2015- Present Member, Breastfeeding Expert Working Group

2016- Present Member, Clinical Document Review Panel

2017- Present Member, Maternal Mental Health Working Group
2017- Present Chair, Task Force on Reinventing the Postpartum Visit

Society for Maternal-Fetal Medicine

2012 – Present Chair, External Communications Committee
2009 – Present Member, Communications Committee
2005 – Present Member
2011 – 2012 Chair, Communications Committee

Academy of Breastfeeding Medicine

2009 – Present Chair, Communications Committee
Editor, Breastfeeding Medicine blog
<http://bfmed.wordpress.com>
2009-2015 Board member
2005 – Present Member

Alliance for Innovation on Maternal Health

2015 - Present Co-chair, Postpartum Safety Bundle Work Group

Statewide

MomsRising North Carolina Steering Committee

09/2016 - Present Member

North Carolina Breastfeeding Coalition

01/2009 – Present Member

Massachusetts Medical Society

07/2001 – 2010 Member
2006-2007 Resident/Fellow Representative, Committee on Perinatal Health
Drafted MMS breastfeeding policy that was enacted at the 2007
annual meeting

Massachusetts Breastfeeding Coalition

2002 – 2010 Member
09/2005 – 2007 Board Member
Developed web site, www.massbfc.org.
Massachusetts Delegate, USBC National Conference, 2006
2006 Co-chaired annual conference, “Breastfeeding in the Bay State:
Improving Outcomes,” Sept 2005
Developed ZipMilk.org online guide to community breastfeeding
resources

Institutional

Appointments, Promotions and Tenure Committee

2015 - Present Member

NC Women's Hospital Baby Friendly Group

2012 – Present Member

UNC Epic Physicians Informatics Council

2013-2015 Member

Brigham & Women's Hospital Breastfeeding Task Force

2006 – 2008 Member

REFLECTIVE STATEMENT:

Research

My research focuses on pregnancy and the postpartum period as both a window for future health and a teachable moment to improve outcomes across two generations. During pregnancy and the first postpartum year, mother and infant have at least 18 scheduled health care visits. These visits are frequently a woman's first adult contact with the medical system. A positive experience can empower her to advocate for herself, her children, and her friends and family, whereas a negative experience can undermine her willingness - and that of her entire social network - to access medical care. Maternity and early infant care thus provide an unparalleled opportunity to impact the health trajectory of both mother and child. My overarching goal is to develop and implement approaches to perinatal care that capitalize on this window of opportunity, thereby enabling women to improve their health and the health of their families.

I began my research career working with the Nurses' Health Study, reporting a novel association between duration of breastfeeding and maternal risk of Type 2 Diabetes. I have subsequently published papers on lactation and maternal health outcomes, including myocardial infarction, breast cancer, hypertension, metabolic disease markers and adipokines. Most recently, I have further collaborated with researchers at University of Pittsburgh, University of Alabama and Harvard Medical School on a Kellogg Foundation-funded cost analysis of lactation and maternal health, which was recently published in *Obstetrics and Gynecology*.

To define the mechanisms underlying differences in health outcomes, I have partnered with Karen Grewen in the Department of Psychiatry, and I am a co-investigator on her recently-funded R01, Lactation Effects on Postnatal Endothelial Function and Vascular Inflammation, R01HL109216-01A1. I am also collaborating with Egle Bytautiene, a basic science researcher at University of Texas- Medical Branch, to develop an animal model of lactation and maternal health. We recently submitted an R01 application, Oxytocin, lactation, and long-term maternal cardiometabolic health, R01HL122801-01.

My work on lactation and metabolic disease has led me to explore the intersection of perinatal depression, lactation, and impaired dyadic development. Building on an NC TraCS funded collaboration with Karen Grewen and Samantha Meltzer Brody, I was awarded my first R01, "Mood, Mother and Infant: The psychobiology of impaired dyadic development," in April of 2013. This project involves researchers from OB/Gyn, Psychiatry, Developmental Psychology, and the Frank Porter Graham Institute in a longitudinal study to define the role of oxytocin in perinatal depression.

Maternal obesity and gestational weight gain are risk factors for both pregnancy complications and long-term metabolic disease in mother and child, and I have published on genetic and behavioral risk factors for excessive weight gain, effects of

maternal BMI on pregnancy outcome, and later life implications of impaired glucose tolerance, collaborating with researchers at Harvard Medical School, the Gillings School of Global Public Health, and in the Maternal Fetal Medicine Units network.

Changing the trajectory for women at high risk for pregnancy and postpartum complications requires effective interventions. I have been fortunate to collaborate with Diane Berry at the School of Nursing, first for a pilot study of a nutrition, exercise and coping skills training intervention among postpartum women, and then for an ongoing R21, "Optimizing Outcomes in Women with GDM and their Infants." We have just submitted a second R21 for low-literacy Hispanic women with gestational diabetes. These projects build on my NIH-funded collaboration with Karen Bonuck's, PI of a highly effective lactation consultant intervention study at Albert Einstein College of Medicine in New York. Dr. Berry and I are currently developing a proposal to deliver her diet and weight loss intervention during pregnancy for women who are overweight or obese. We submitted "NEST: Nutrition, Exercise & coping Skills Training for healthier moms and babies," as an R01 in February 2014.

Practice

In the clinical arena, I am actively involved in management of lactation difficulties. Working with an interdisciplinary team of physicians, midwives, nurse practitioners and lactation consultants, I led the development of guidelines for management of breastfeeding-associated pain. Our treatment algorithms were included in the 7th edition of the textbook, "Breastfeeding: A Guide for the Medical Professional," and I have presented our algorithms at conferences throughout the US and Australia.

As Medical Director of Lactation for UNC Health Care, I have worked with our lactation consultant team to build a robust outpatient program. Lactation Consultants routinely see infants receiving routine care at the UNC Hospital Pediatrics Clinic, and we see mothers with complicated breastfeeding problems in the NC Women's Hospital Obstetrics Clinic. This fall, we opened a lactation clinic for maternal referrals that will allow us to provide focused treatment and educational opportunities for medical students and residents. To measure the effectiveness of our efforts, we are developing a patient outcomes assessment program that will collect prospective data on infant feeding and patient satisfaction with our care.

I have directly applied my findings on breastfeeding and postpartum depression in clinical practice by making screening for postpartum depression part of all lactation visits. Working in conjunction with Samantha Meltzer-Brody in the department of psychiatry, I developed and implemented new guidelines for postpartum depression screening and treatment at UNC. As a member of the American College of Obstetrics and Gynecology Committee on Obstetrics Practice, I have been charged with revising ACOG's Committee Opinion on Breastfeeding, and I am co-authoring the College's revised opinion on postpartum depression screening. My invited Clinical Expert Series paper, "Enabling Women to Achieve Their Breastfeeding Goals," was recently published in the Green Journal.

Next Steps

My work with Drs. Grewen and Meltzer-Brody in the Department of Psychiatry, as well as my clinical experience, has drawn my attention to maternal mental health as a crucial -- yet poorly-understood -- predictor of perinatal outcomes.

We know little about the mechanisms through which maternal depression, anxiety and stress response impact maternal physiology. Indeed, in the classic obstetrics textbook, "Obstetrics: Normal and Problem Pregnancies," the chapter on maternal physiology

does not include the maternal central nervous system. The Maternal Fetal Medicine Units Network, the NICHD's premiere clinical trials unit, has never collected any measure of maternal mood or anxiety during its 25-year history.

However, data from both observational studies and randomized controlled trials suggest that maternal mental and physical health are tightly intertwined. Perinatal depression and anxiety are associated with retained gestational weight gain, gestational diabetes and preeclampsia. Moreover, in a randomized clinical trial, treatment of mild gestational diabetes reduced weight gain, decreased risk of preeclampsia, and reduced depression symptoms at 3 months postpartum. Understanding - and modifying - maternal stress reactivity may therefore be a promising avenue to improve outcomes across two generations.

Long-Term Goals

My long-term goal is to work with interdisciplinary teams to develop and implement approaches to pre- and postnatal care that empower women to improve their health and the health of their families. Such work requires coalitions that include parents, community leaders, non-profits, and researchers in public health, policy, economics, social work, nursing, medicine and allied health. My work developing algorithms for management of breastfeeding pain has demonstrated the challenges - and the tremendous rewards - of interdisciplinary work. Through such coalitions, we can create capacity that far exceeds the sum of our individual efforts.

I look forward to a career of forming and building such coalitions, thereby improving health and well-being across two generations.

Teaching

When I counsel expecting mothers, I start the conversation by asking, "What have you heard about breastfeeding?" It's the same question I use when I teach in the third-year OB/Gyn clerkship. It works in clinical practice, and it is central part of my teaching philosophy. To be effective, I need to meet my students where they are. In a large lecture setting, it's less feasible to tailor my instruction, but I routinely survey my audience about their clinical interest or connection to the topic so that I can target my teaching to their needs and interests.

Much of my teaching focuses on lactation, and I have worked with the School of Medicine to integrate breastfeeding education into the medical school curriculum. When I joined the faculty at UNC, I offered to speak on lactation physiology in the first-year medical student endocrinology lecture series. This ten-minute talk on prolactin and oxytocin now forms the foundation of three years of instruction in breastfeeding physiology and management, including a postpartum lecture in the second year reproductive medicine course and a clinical management workshop during the third year Ob/Gyn clinical clerkship. In the School of Public Health I teach in the Mary Rose Tully Lactation Training Program, and I present on lactation and maternal metabolism for Dr. Miriam Labbok's Introduction to Infant and Child Feeding course and for the Reproductive Epidemiology Seminar. I have also lectured on breastfeeding and maternity care at local, regional, national and international conferences. In March of 2011, I travelled to Australia to present in the Australian Breastfeeding Association's Traveling Seminars, presenting talks in Hobart, Melbourne, Canberra and Brisbane. I was invited to return to Australia and New Zealand in 2013 to present in Surfers Paradise, Warrnambool and Auckland.

My teaching interests also extend to new technology for education and advocacy. As a member of the Society for Maternal-Fetal Medicine Communications Committee, I

created the group's Facebook Page, and I currently chair the external communications committee. In this capacity, I have led a \$150,000 project to develop a branding strategy for the Society, working with a marketing firm to determine how to communicate SMFM's mission and goals to referring physicians, government agencies, and patients. I also chair the Communications Committee for the Academy of Breastfeeding Medicine and run the organization's blog, where ABM members share their perspective on breastfeeding medicine. The blog has helped to establish a vibrant online presence for ABM, attracting more than 250,000 page views and 900 comments.

In mentoring relationships, I have worked with undergraduates, medical students, residents, fellows and graduate students on a variety of research projects that have yielded both presentations at national meetings and publications. Working with students that span such a wide range of experience is both challenging and rewarding. I strive to identify opportunities for growth in each mentee, helping each student to capitalize on strengths and develop strategies to overcome weaknesses. I particularly enjoy the opportunity to teach fundamentals of statistical modeling and epidemiology in a practical setting, working with students with little prior statistical experience to introduce some of the nuances of biostatistics.

I look forward to further developing my teaching skills - both on the wards and in the classroom - as I continue my career. In particular, I look forward to helping develop courses and curricula as I make the transition from occasional guest lecturer to an active participant in designing courses and methods for evaluating students.