

Publications

- Grantz KL, Sundaram R, Ma L, Hinkle SN, Berghella V, Hoffman MK, Reddy UM. Reassessing the Duration of the Second Stage of Labor in Relation to Maternal and Neonatal Morbidity. *Obstetrics and Gynecology*. 2018; 131(2):345-353. PMID: [29324600](#). PMCID: [PMC5785437](#).
- Kawakita T, Bowers K, Hazrati S, Zhang C, Grewal J, Chen Z, Sun L, Grantz KL. Increased Neonatal Respiratory Morbidity Associated with Gestational and Pregestational Diabetes: A Retrospective Study. *American Journal of Perinatology*. 2017; 34(11):1160-1168. PMID: [28738436](#).
- Downes KL, Shenassa ED, Grantz KL. Neonatal Outcomes Associated with Placental Abruption. *American Journal of Epidemiology*. 2017; 186(12):1319-1328. PMID: [28595292](#). PMCID: [PMC5860509](#).
- Parikh LI, Grantz KL, Iqbal SN, Huang CC, Landy HJ, Fries MH, Reddy UM. Neonatal outcomes in fetuses with cardiac anomalies and the impact of delivery route. *American Journal of Obstetrics and Gynecology*. 2017; 217(4):469.e1-469.e12. PMID: [28578168](#). PMCID: [PMC5793863](#).
- Wallace ME, Mendola P, Kim SS, Epps N, Chen Z, Smarr M, Hinkle SN, Zhu Y, Grantz KL. Race/ethnic differences in preterm perinatal outcomes. *American Journal of Obstetrics and Gynecology*. 2017; 216(3):306.e1-306.e12. PMID: [27865977](#). PMCID: [PMC5572800](#).
- Kawakita T, Reddy UM, Grantz KL, Landy HJ, Desale S, Iqbal SN. Maternal outcomes associated with early preterm cesarean delivery. *American Journal of Obstetrics and Gynecology*. 2017; 216(3):312.e1-312.e9. PMID: [27840144](#). PMCID: [PMC5334149](#).
- Downes KL, Grantz KL, Shenassa ED. Maternal, Labor, Delivery, and Perinatal Outcomes Associated with Placental Abruption: A Systematic Review. *American Journal of Perinatology*. 2017; 34(10):935-957. PMID: [28329897](#). PMCID: [PMC5683164](#).
- Kim SS, Mendola P, Zhu Y, Hwang BS, Grantz KL. Spontaneous and indicated preterm delivery risk is increased among overweight and obese women without prepregnancy chronic disease. *British Journal of Obstetrics and Gynaecology*. 2017; 124(11):1708-1716. PMID: [28236376](#). PMCID: [PMC5568983](#).
- Hinkle SN, Sjaarda LA, Albert PS, Mendola P, Grantz KL. Comparison of methods for identifying small-for-gestational-age infants at risk of mortality among obese mothers: a hospital based cohort study. *British Journal of Obstetrics and Gynaecology*. 2016; 123(12):1983-1988. PMID: [26853429](#). PMCID: [PMC5010517](#).
- Kawakita T, Reddy UM, Landy HJ, Iqbal SN, Huang CC, Grantz KL. Indications for primary cesarean delivery relative to body mass index. *American Journal of Obstetrics and Gynecology*. 2016; 215(4):515.e1-9. PMID: [27210064](#). PMCID: [PMC5045770](#).
- Kawakita T, Reddy UM, Landy HJ, Iqbal SN, Huang CC, Grantz KL. Neonatal complications associated with use of fetal scalp electrode: a retrospective study. *British Journal of Obstetrics and Gynaecology*. 2016; 123(11):1797-1803. PMID: [26643181](#). PMCID: [PMC4899296](#).
- Aliaga S, Zhang J, Long DL, Herring AH, Laughon M, Boggess K, Reddy UM, Grantz KL. Center Variation in the Delivery of Indicated Late Preterm Births. *American Journal of Perinatology*. 2016; 33(10):1008-1016. PMID: [27120474](#). PMCID: [PMC4972671](#).
- Kawakita T, Reddy UM, Iqbal SN, Landy HJ, Huang CC, Hoffman M, Sciscione AC, Grantz KL. Duration of Oxytocin and Rupture of the Membranes Before Diagnosing a

Failed Induction of Labor. *Obstetrics and Gynecology*. 2016; 128(2):373-380. PMID: [27400012](#). PMCID: [PMC4959965](#).

- Kim SS, Zhu Y, Grantz KL, Hinkle SN, Chen Z, Wallace ME, Smarr MM, Epps NM, Mendola P. Obstetric and Neonatal Risks Among Obese Women Without Chronic Disease. *Obstetrics and Gynecology*. 2016; 128(1):104-112. PMID: [27275800](#). PMCID: [PMC4917420](#).
- Kawakita T, Wilson K, Grantz KL, Landy HJ, Huang CC, Gomez-Lobo V. Adverse Maternal and Neonatal Outcomes in Adolescent Pregnancy. *Journal of Pediatric and Adolescent Gynecology*. 2016; 29(2):130-136. PMID: [26327561](#). PMCID: [PMC4886236](#).
- Männistö T, Mendola P, Kiely M, O'Loughlin J, Werder E, Chen Z, Ehrental D, Grantz KL. Maternal psychiatric disorders and risk of preterm birth. *Annals of Epidemiology*. 2016; 26(1):14-20. PMID: [26586549](#). PMCID: [PMC4688227](#).
- Wallace ME, Mendola P, Chen Z, Hwang BS, Grantz KL. Preterm birth in the context of increasing income inequality. *Maternal and Child Health Journal*. 2016; 20(1):164-171. PMID: [26450504](#).
- Halscott TL, Reddy UM, Landy HJ, Ramsey PS, Iqbal SN, Huang CC, Grantz KL. Maternal and Neonatal Outcomes by Attempted Mode of Operative Delivery From a Low Station in the Second Stage of Labor. *Obstetrics and Gynecology*. 2015; 126(6):1265-1272. PMID: [26551186](#). PMCID: [PMC4683158](#).
- Coviello EM, Grantz KL, Huang CC, Kelly TE, Landy HJ. Risk factors for retained placenta. *American Journal of Obstetrics and Gynecology*. 2015; 213(6):864.e1-864.e11. PMID: [26226556](#).
- Clark-Ganheart CA, Reddy UM, Kominiarek MA, Huang CC, Landy HJ, **Grantz KL**. Pregnancy Outcomes Among Obese Women and Their Offspring by Attempted Mode of Delivery. *Obstetrics and Gynecology*. 2015; 126(5):987-993. PMID: [26444123](#). PMCID: [PMC4648353](#).
- Grantz KL, Gonzalez-Quintero V, Troendle J, Reddy U, Hinkle SN, Kominiarek MA, Lu Z, Zhang J. Labor Patterns in Women Attempting Vaginal Birth After Cesarean with Normal Neonatal Outcomes. *American Journal of Obstetrics and Gynecology*. 2015; 213(2):226.e1-6. PMID: [25935774](#). PMCID: [PMC4519387](#).
- Wallace ME, Mendola P, Liu D, Grantz KL. Joint effects of structural racism and income inequality on small-for-gestational-age birth. *American Journal of Public Health*. 2015; 105(8):1681-1688. PMID: [26066964](#). PMCID: [PMC4504298](#).
- Flores KF, Robledo CA, Hwang BS, Leishear K, Laughon Grantz K, Mendola P. Does maternal asthma contribute to racial/ethnic disparities in obstetrical and neonatal complications? *Annals of Epidemiology*. 2015; 25(6):392-397.e1. PMID: [25724829](#). PMCID: [PMC4433572](#).
- Robledo CA, Mendola P, Yeung E, Männistö T, Sundaram R, Liu D, Ying Q, Sherman S, Grantz KL. Preconception and early pregnancy air pollution exposures and risk of gestational diabetes mellitus. *Environmental Research*. 2015; 137:316-322. PMID: [25601734](#).
- Mendola P, Mumford SL, Männistö TI, Holston A, Reddy UM, Laughon SK. Controlled Direct Effects of Preeclampsia on Neonatal Health After Accounting for Mediation by Preterm Birth. *Epidemiology*. 2015; 26(1):17-26. PMID: [25437315](#).

- Parikh LI, Reddy UM, Männistö T, Mendola P, Sjaarda L, Hinkle S, Chen Z, Lu Z, Laughon SK. Neonatal outcomes in early term birth. *American Journal of Obstetrics and Gynecology*. 2014; 211(3):265.e1-265.e11. PMID: [24631438](#). PMCID: [PMC4149822](#).
- Laughon SK, Berghella V, Reddy UM, Sundaram R, Lu Z, Hoffman MK. Neonatal and maternal outcomes with prolonged second stage of labor. *Obstetrics and Gynecology*. 2014; 124(1):57-67. (NICHD Research Perspectives podcast, “Success rate for vaginal delivery high even after prolonged labor,” 10/4/2014.) PMID: [24901265](#). PMCID: [PMC4065200](#).
- Brite J, Laughon SK, Troendle J, Mills J. Maternal overweight and obesity and risk of congenital heart defects in offspring. *International Journal of Obesity*. 2014; 38(6):878-882. PMID: [24362506](#). PMCID: [PMC4053485](#).
- Ghosh G, Grewal J, Männistö T, Mendola P, Chen Z, Xie Y, Laughon SK. Racial/ethnic differences in pregnancy-related hypertensive disease among nulliparous women. *Ethnicity & Disease*. 2014; 24(3):283-289. PMID: [25065068](#). PMCID: [PMC4171100](#).
- Brite J, Shiroma EJ, Bowers K, Yeung E, Laughon SK, Grewal JG, Zhang C. Height and the risk of gestational diabetes: variations by race/ethnicity. *Diabetic Medicine*. 2014; 31(3):332-340. PMID: [24308574](#). PMCID: [PMC4205756](#).
- Mendola P, Männistö TI, Leishear K, Reddy UM, Chen Z, Laughon SK. Neonatal health of infants born to mothers with asthma. *The Journal of Allergy and Clinical Immunology*. 2014; 133(1):85-90.e1-4. PMID: [23916153](#). PMCID: [PMC3874245](#).
- Sjaarda LA, Albert PS, Mumford SL, Hinkle SN, Mendola P, Laughon SK. Customized large-for-gestational-age birthweight at term and the association with adverse perinatal outcomes. *American Journal of Obstetrics and Gynecology*. 2014; 210(1):63.e1-63.e11. PMID: [24035985](#). PMCID: [PMC3872267](#).
- Timofeev J, Reddy UM, Huang CC, Driggers RW, Landy HJ, Laughon SK. Obstetric complications, neonatal morbidity, and indications for cesarean delivery by maternal age. *Obstetrics and Gynecology*. 2013; 122(6):1184-1195. PMID: [24201681](#). PMCID: [PMC4189107](#).
- Männistö T, Mendola P, Reddy U, Laughon SK. Neonatal outcomes and birth weight in pregnancies complicated by maternal thyroid disease. *American Journal of Epidemiology*. 2013; 178(5):731-740. PMID: [23666815](#). PMCID: [PMC3755642](#).
- Bowers K, Laughon SK, Kim S, Mumford SL, Brite J, Kiely M, Zhang C. The association between a medical history of depression and gestational diabetes in a large multi-ethnic cohort in the United States. *Paediatric and Perinatal Epidemiology*. 2013; 27(4):323-328. PMID: [23772933](#). PMCID: [PMC4123954](#).
- Werder E, Mendola P, Männistö T, O’Loughlin J, Laughon SK. Effect of maternal chronic disease on obstetric complications in twin pregnancies in a United States cohort. *Fertility and Sterility*. 2013; 100(1):142-149.e1-2. PMID: [23541402](#). PMCID: [PMC3699962](#).
- Boyle A, Reddy UM, Landy HJ, Huang CC, Driggers RW, Laughon SK. Primary cesarean delivery in the United States. *Obstetrics and Gynecology*. 2013; 122(1):33-40. (Article selected for ABOG Maintenance of Certification.) PMID: [23743454](#). PMCID: [PMC3713634](#).
- Männistö T, Mendola P, Grewal J, Xie Y, Chen Z, Laughon SK. Thyroid diseases and adverse pregnancy outcomes in a contemporary US cohort. *The Journal of Clinical Endocrinology and Metabolism*. 2013; 98(7):2725-2733. PMID: [23744409](#). PMCID: [PMC3701274](#).

- Bowers K, Laughon SK, Kiely M, Brite J, Chen Z, Zhang C. Gestational diabetes, pre-pregnancy obesity and pregnancy weight gain in relation to excess fetal growth: variations by race/ethnicity. *Diabetologia*. 2013; 56(6):1263-1271. PMID: [23571827](#).
- Mendola P, Laughon SK, Männistö TI, Leishear K, Reddy UM, Chen Z, Zhang J. Obstetric complications among US women with asthma. *American Journal of Obstetrics and Gynecology*. 2013; 208(2):127.e1-8. PMID: [23159695](#). PMCID: [PMC3557554](#).
- Zhang Z, Chen Z, Troendle JF, Zhang J. Causal Inference on Quantiles with an Obstetric Application. *Biometrics*. 2012; 68(3):697-706. PMID: [22150612](#).
- Reddy UM, Zhang J, Sun L, Chen Z, Raju TN, Laughon SK. Neonatal mortality by attempted route of delivery in early preterm birth. *American Journal of Obstetrics and Gynecology*. 2012; 207(2):117.e1-8. **(Selected for the September NICHD monthly podcast series "NICHD Research Perspectives", Vaginal delivery safe for head first births before 32 weeks (9/21/2012))**. PMID: [22840720](#). PMCID: [PMC3408612](#).
- Troendle JF, Zhang Z, Mathews ME, Guo J. Methods of adjusted comparison of medians. *Biometrical Journal*. 2012; 54(4):481-493. PMID: [22622655](#).
- Laughon SK, Zhang J, Grewal J, Sundaram R, Beaver J, Reddy UM. Induction of labor in a contemporary obstetric cohort. *American Journal of Obstetrics and Gynecology*. 2012; 206(6):486.e1-9. PMID: [22520652](#). PMCID: [PMC3361637](#).
- Laughon SK, Branch DW, Beaver J, Zhang J. Changes in labor patterns over 50 years. *American Journal of Obstetrics and Gynecology*. 2012; 206(5):419.e1-9. **(Selected for the May NICHD monthly podcast series "NICHD Research Perspectives", NIH study finds women spend longer in labor now than 50 years ago (4/2/2012))**. PMID: [22542117](#). PMCID: [PMC3655692](#).
- Zhang J, Branch DW, Ramirez MM, Laughon SK, Reddy U, Hoffman M, Bailit J, Kominiarek M, Chen Z, Hibbard JU. Oxytocin regimen for labor augmentation, labor progression, and perinatal outcomes. *Obstetrics and Gynecology*. 2011; 118(2 Pt 1):249-256. PMID: [21775839](#). PMCID: [PMC3655689](#).
- Kominiarek MA, Zhang J, Vanveldhuisen P, Troendle J, Beaver J, Hibbard JU. Contemporary labor patterns: the impact of maternal body mass index. *American Journal of Obstetrics and Gynecology*. 2011; 205(3):244.e1-8. PMID: [21798510](#). PMCID: [PMC3212654](#).
- Hoffman MK, Bailit JL, Branch DW, Burkman RT, Van Veldhusien P, Lu L, Kominiarek MA, Hibbard JU, Landy HJ, Haberman S, Wilkins I, Quintero VH, Gregory KD, Hatjis CG, Ramirez MM, Reddy UM, Troendle J, Zhang J; Consortium on Safe Labor. A comparison of obstetric maneuvers for the acute management of shoulder dystocia. *Obstetrics and Gynecology*. 2011; 117(6):1272-1278. PMID: [21555962](#). PMCID: [PMC3101300](#).
- Laughon SK, Zhang J, Troendle J, Sun L, Reddy UM. Using a simplified Bishop score to predict vaginal delivery. *Obstetrics and Gynecology*. 2011; 117(4):805-811. PMID: [21383643](#). PMCID: [PMC3297470](#).
- Landy HJ, Laughon SK, Bailit JL, Kominiarek MA, Gonzalez-Quintero VH, Ramirez M, Haberman S, Hibbard J, Wilkins I, Branch DW, Burkman RT, Gregory K, Hoffman MK, Learman LA, Hatjis C, Vanveldhuisen PC, Reddy UM, Troendle J, Sun L, Zhang J; Consortium on Safe Labor. Characteristics associated with severe perineal and cervical lacerations during vaginal delivery. *Obstetrics and Gynecology*. 2011; 117(3):627-635. PMID: [21343766](#). PMCID: [PMC3132187](#).

- Zhang J, Landy HJ, Branch DW, Burkman R, Haberman S, Gregory KD, Hatjis CG, Ramirez MM, Bailit JL, Gonzalez-Quintero VH, Hibbard JU, Hoffman MK, Kominiarek M, Learman LA, Van Veldhuisen P, Troendle J, Reddy UM; Consortium on Safe Labor. Contemporary patterns of spontaneous labor with normal neonatal outcomes. *Obstetrics and Gynecology*. 2010; 116(6):1281-1287. PMID: [21099592](#). PMCID: [PMC3660040](#).
- Reddy UM, Laughon SK, Sun L, Troendle J, Willinger M, Zhang J. Prepregnancy risk factors for antepartum stillbirth in the United States. *Obstetrics and Gynecology*. 2010; 116(5):1119-1126. PMID: [20966697](#). PMCID: [PMC3326407](#).
- Laughon SK, Reddy UM, Sun L, Zhang J. Precursors for late preterm birth in singleton gestations. *Obstetrics and Gynecology*. 2010; 116(5):1047-1055. PMID: [20966688](#). PMCID: [PMC3014049](#).
- Zhang J, Troendle J, Reddy UM, Laughon SK, Branch DW, Burkman R, Landy HJ, Hibbard JU, Haberman S, Ramirez MM, Bailit JL, Hoffman MK, Gregory KD, Gonzalez-Quintero VH, Kominiarek M, Learman LA, Hatjis CG, van Veldhuisen P; Consortium on Safe Labor. Contemporary cesarean delivery practice in the United States. *American Journal of Obstetrics and Gynecology*. 2010; 203(4):326.e1-326.e10. PMID: [20708166](#). PMCID: [PMC2947574](#).
- Kominiarek MA, Vanveldhuisen P, Hibbard J, Landy H, Haberman S, Learman L, Wilkins I, Bailit J, Branch W, Burkman R, Gonzalez-Quintero VH, Gregory K, Hatjis C, Hoffman M, Ramirez M, Reddy UM, Troendle J, Zhang J; Consortium on Safe Labor. The maternal body mass index: a strong association with delivery route. *American Journal of Obstetrics and Gynecology*. 2010; 203(3):264.e1-7. PMID: [20673867](#). PMCID: [PMC2933947](#).
- Consortium on Safe Labor, Hibbard JU, Wilkins I, Sun L, Gregory K, Haberman S, Hoffman M, Kominiarek MA, Reddy U, Bailit J, Branch DW, Burkman R, Gonzalez-Quintero VH, Hatjis CG, Landy H, Ramirez M, VanVeldhuisen P, Troendle J, Zhang J. Respiratory Morbidity in Late Preterm Births. *Journal of the American Medical Association*. 2010; 304(4):419-425. PMID: [20664042](#). PMCID: [PMC4146396](#).
- Bailit JL, Gregory KD, Reddy UM, Gonzalez-Quintero VH, Hibbard JU, Ramirez MM, Branch DW, Burkman R, Haberman S, Hatjis CG, Hoffman MK, Kominiarek M, Landy HJ, Learman LA, Troendle J, Van Veldhuisen P, Wilkins I, Sun L, Zhang J. Maternal and neonatal outcomes by labor onset type and gestational age. *American Journal of Obstetrics and Gynecology*. 2010; 202(3):245.e1-245.e12. PMID: [20207242](#). PMCID: [PMC2888294](#).

Last Updated: May 2018