

## National Birth Defects Prevention Study – Related Publications

### - NBDPS Pooled Data Only -

#### Published/In Press Manuscripts

2015

1. Arth A, Tinker S, Moore C, Canfield M, Agopian A, Reefhuis J. Supplement use and other characteristics among pregnant women with a previous pregnancy affected by a neural tube defect-United States, 1997-2009. *MMWR Morb Mortal Wkly Rep.* 2015 Jan 16;64(1):6-9.
2. Carmichael SL, Ma C, Rasmussen SA, Cunningham ML, Browne ML, Dosiou C, Lammer EJ, Shaw GM. Craniosynostosis and risk factors related to thyroid dysfunction. *Am J Med Genet A.* 2015 April; 167(4):707-7.
3. Howards PP, Johnson CY, Honein MA, Flanders WD and the National Birth Defects Prevention Study. Adjusting for Bias Due to Incomplete Case Ascertainment in Case-Control Studies of Birth Defects. *Am J Epidemiol.* 2015 March 19. [Epub ahead of print].
4. Lim H, Agopian AJ, Whitehead LW, Beasley CW, Langlois PH, Emery RJ, Waller DK and the National Birth Defects Prevention Study. Maternal occupational exposure to ionizing radiation and major structural birth defects. *Birth Defects Res A Clin Mol Teratol.* 2015 March 28. [Epub ahead of print].
5. Michalski AM, Richardson SD, Browne ML, Carmichael SL, Canfield MA, VanZutphen AR, Anderka MT, Marshall EG, Druschel CM. Sex ratios among infants with birth defects, National Birth Defects Prevention Study, 1997-2009. *Am J Med Genet A.* 2015 Feb 25. [Epub ahead of print].
6. Vinikoor-Imler LC, Stewart TG, Luben TJ, Davis JA, Langlois PH. An exploratory analysis of the relationship between ambient ozone and particulate matter concentrations during early pregnancy and selected birth defects in Texas. *Environ Pollut.* 2015 March 14; 202:1-6. [Epub ahead of print].
7. Vuong AM, Shinde MU, Brender JD, Shipp EM, Huber JC Jr., Zheng Q, McDonald TJ, Sharkey JR, Hoyt AT, Werler MM, Kelley KE, Langlois PH, Canfield MA and the National Birth Defects Prevention Study. Nitrosatable Drug Exposure during Pregnancy and Preterm and Small-for-Gestational-Age Births. *Paediatr Perinat Epidemiol.* 2015 Jan;29(1):60-71. Epub 2014 Dec 10.
8. Wang Y, Liu G, Canfield MA, Mai CT, Gilboa SM, Meyer RE, Anderka M, Copeland GE, Kucik JE, Nembhard WN, Kirby RS and the National Birth Defects Prevention Study. Racial/Ethnic differences in survival of United States children with birth defects: a population-based study. *J Pediatr.* 2015 April; 166(4):819-826.

## 2014

9. Ailes EC, Gilboa SM, Riehle-Colarusso T, Johnson CY, Hobbs CA, Correa A, Honein MA, and the National Birth Defects Prevention Study. Prenatal diagnosis of nonsyndromic congenital heart defects. *Prenatal Diagnosis*. 2014; 34(3):214-222. Epub 2013 Dec 17.
10. Botto LD, Panichello JD, Browne ML, Krikov MS, Feldkamp ML, Lammer E, Shaw GM and the National Birth Defects Prevention Study. Congenital heart defects after maternal fever. *Am J Obstet Gynecol*. 2014 April; 210(4):359.e1-359.e11. Epub 2013 Nov 1.
11. Browne M, VanZutphen A, Botto L, Louik C, Richardson S, Druschel C. Maternal butalbital use and selected defects in the National Birth Defects Prevention Study. *Headache*. 2014;54(1):54-66. Epub 2013 Sep 3.
12. Carmichael SL, Ma C, Tinker S, Rasmussen SA, Shaw GM and the National Birth Defects Prevention Study. Maternal Stressors and Social Support as Risks for Delivering Babies with Structural Birth Defects. *Paediatric and Perinatal Epidemiology*. 2014 Jul;28(4):338-44. Epub 2014 April 4.
13. Case AP, Royle M, Scheuerle AE, Carmichael SL, Moffitt K, Ramadhani T, and the National Birth Defects Prevention Study. Birth Defects, Causal Attributions, and Ethnicity in the National Birth Defects Prevention Study. *J Genet Counsel*. 2014 Oct;23(5):860-73.
14. Caspers Conway KM, Romitti PA, Holmes L, Olney RS, Richardson SD, the National Birth Defects Prevention Study. Maternal periconceptional alcohol consumption and congenital limb deficiencies. *Birth Defects Res A Clin Mol Teratol*. 2014 Aug 18. [Epub ahead of print]
15. Chen L, Bell EM, Browne ML, Druschel CM, Romitti PA and the National Birth Defects Prevention Study. Exploring maternal patterns of dietary caffeine consumption before conception and during pregnancy. *Matern Child Health J*. 2014 Dec;18(10):2446-55.
16. Dawson AL, Riehle-Colarusso T, Reefhuis J, Arena JF, and the National Birth Defects Prevention Study. Maternal Exposure to Methotrexate and Birth Defects: A Population-Based Study. *Am J Med Genet Part A*. 2014 Sep;164A(9):221206.
17. Dawson AL, Tinker SC, Jamieson DJ, Hobbs CA, Rasmussen SA, Reefhuis J and the National Birth Defects Prevention Study. Epidemiology of twinning in the National Birth Defects Prevention Study, 1997 to 2007. *Res A Clin Mol Teratol*. 2014 Oct 31.
18. Feldkamp ML, Kirkov S, Botto LD, Shaw GM, Carmichael SL and the National Birth Defects Prevention Study. Better Diet Quality before Pregnancy Is Associated with Reduced Risk of Gastroschisis in Hispanic Women. *J Nutr*. 2014 Nov;144(11):1781-6.
19. Feldkamp ML, Srisukhumbowornchai S, Romitti PA, Olney RS, Richardson SD, Botto LD; National Birth Defects Prevention Study. Self-reported maternal cigarette smoke exposure during the periconceptional period and the risk for omphalocele. *Paediatr Perinat Epidemiol*. 2014 Jan;28(1):67-73. Epub 2013 Nov 8.

20. Gilboa SM, Lee KA, Cogswell ME, Traven FK, Botto LD, Riehle-Colarusso T, Correa A, Boyle CA, and the National Birth Defects Prevention Study. Maternal Intake of Vitamin E and Birth Defects, National Birth Defects Prevention Study, 1997 to 2005. *Birth Defects Res A Clin Mol Teratol*. 2014 Sep;100(9):647-57.
21. Glidewell J, Reefhuis J, Rasmussen SA, Woomert A, Hobbs C, Romitti PA, Crider KS. Factors affecting maternal participation in the genetic component of the NBDPS — United States, 1997-2007. *Genet Med*. 2014 Apr;16(4):329-37. Epub 2013 Sep 26.
22. Hobbs CA, Cleves MA, MacLeod SL, Erickson SW, Tang X, Li J, Li M, Nick M, Malik S, and the National Birth Defects Prevention Study. Conotruncal Heart Defects and Common Variants in Maternal and Fetal Genes in Folate, Homocysteine, and Transsulfuration Pathways. *Birth Defects Res A Clin Mol Teratol*. 2014 Feb;100(2):116-26.
23. Hoyt AT, Browne M, Richardson S, Romitti P, Drushcel C and The National Birth Defects Prevention Study. Maternal Caffeine Consumption and Small for Gestational Age Births: Results from a Population-Based Case-Control Study. *Matern Child Health J*. 2014 Aug;18(6):1540-51. Epub 2013 Nov. 28.
24. Hoyt AT, Canfield MA, Shaw GM, Waller DK, Polen KN, Ramadhani T, Anderka MT, Scheuerle AE, the National Birth Defects Prevention Study. Sociodemographic acculturation factors and isolated anotia/microtia. *Birth Defects Res A Clin Mol Teratol*. 2014 July 30. [Epub ahead of print]
25. Jenkins MM, Reefhuis J, Gallagher ML, Mulle JG, Hoffmann TJ, Koontz DA, Sturchio C, Rasmussen SA, Witte JS, Richter P, Honein MA, and the National Birth Defects Prevention Study. Maternal Smoking, Xenobiotic Metabolizing Enzyme Gene Variants, and Gastroschisis Risk. *Am J Med Genet Part A*. 2014; 9999:1-10.
26. Kancherla V, Romitti PA, Sun L, Carey JC, Burns TL, Siega-Riz AM, Druschel CM, Lin AE, Olney RS, National Birth Defects Prevention Study. Descriptive and risk factor analysis of choanal atresia: The National Birth Defects Prevention Study, 1997-2007. *Eur J Med Genet*. 2014 Apr;57(5):220-9. Epub 2014 Feb 24.
27. Khodr ZG, Lupo PJ, Agopian AJ, Canfield MA, Case AP, Carmichael SL, Mitchell LE. Preconceptional Folic Acid-Containing Supplement Use in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*. 2014 Jun;100(6):472-82. Epub 2014 April 7.
28. Kielb C, Lin S, Herdt-Losavio M, Bell E, Chapman B, Rocheleau CM, Lawson C, Waters M, Stewart P, Olney RS, Romitti PA, Cao Y, Druschel C, & the National Birth Defects Prevention Study. Maternal periconceptional occupational exposure to pesticides and selected musculoskeletal birth defects. *Int J Hyg Environ Health*. 2014 Mar;217(2-3):248-54. Epub 2013 Jun 20.
29. Langlois PH, Hoyt AT, Desrosiers TA, Lupo PJ, Lawson CC, Waters MA, Rocheleau CM, Shaw GM, Romitti PA, Gilboa SM, Malik S, and the National Birth Defects Prevention Study. Maternal occupational exposures to polycyclic aromatic hydrocarbons and small for gestational age offspring. *Occup Environ Med*. 2014 Aug;71(8):529-35. Epub 2014 June 3.

30. Li M, Cleves MA, Mallick H, Erickson SW, Tang X, Nick TG, Macleod SL, Hobbs CA, and the National Birth Defects Prevention Study. A genetic association study detects haplotypes associated with obstructive heart defects. *Hum Genet.* 2014 Sep;133(9):1127-38. Epub 2014 June 4.
31. Li M, Erickson SW, Hobbs CA, Li Jingyuan, Tang X, Nick TG, Macleod SL, Cleves MA and the National Birth Defects Prevention Study. Detecting Maternal-Fetal Genotypes Interactions Associated With Conotruncal Heart Defects: A Haplotype-Based Analysis With Penalized Logistic Regression. *Genetic Epidemiology.* 2014 Apr; 38(3):198-208. Epub 2014 Mar 2.
32. Liberman RF, Stern JE, Luke B, Reefhuis J, Anderka M. Validating Assisted Reproductive Technology Self-Report. *Epidemiology.* 2014 September;25(5):773-4.
33. Lin AE, Krikov S, Riehle-Colarusso T, Frias JL, Belmont J, Anderka M, Geva T, Getz KD, Botto LD, and the National Birth Defects Prevention Study. Laterality Defects in the National Birth Defects Prevention Study (1998-2007): Birth Prevalence and Descriptive Epidemiology. *Am J Med Genet A.* 2014 Aug 6; 9999:1-11.
34. Lupo PJ, Mitchell LE, Canfield MA, Shaw GM, Olshan AF, Finnell RH, Zhu H and the National Birth Defects Prevention Study. Maternal-fetal metabolic gene-gene interactions and risk of neural tube defects. *Mol Genet Metab.* 2014 Jan;111(1):46-51. Epub 2013 Nov 18.
35. Makelarski JA, Romitti PA, Rocheleau CM, Burns TL, Stewart PA, Waters MA, Lawson CC, Bell EM, Lin S, Shaw GM, Olney RS; the National Birth Defects Prevention Study. Maternal periconceptional occupational pesticide exposure and neural tube defects. *Birth Defects Res A Clin Mol Teratol.* 2014 Aug 15. [Epub ahead of print]
36. Miguel-Verges F, Mosley BS, Block AS, Hobbs CA. A spectrum project: preterm birth and small-for-gestational age among infants with birth defects. *J Perinatol.* 2014 Oct 2. [Epub ahead of print]
37. Peterson C, Ailes E, Riehle-Colarusso T, Oster ME, Olney RS, Cassell CH, Fixler DE, Carmichael SL, Shaw GM, Gilboa SM. Late Detection of Critical Congenital Heart Disease Among US Infants: Estimation of the Potential Impact of Proposed Universal Screening Using Pulse Oximetry. *JAMA Pediatr.* 2014 April;168(4):361-370.
38. Skuladottir H, Wilcox AJ, Ma C, Lammer EJ, Rasmussen SA, Werler MM, Shaw GM, Carmichael SL. Corticosteroid Uses and Risk of Orofacial Clefts. *Birth Defects Res A Clin Mol Teratol.* 2014 June;100(6):499-506. Epub 2014 Apr 29.
39. Stingone JA, Luben TJ, Daniels JL, Fuentes M, Richardson DB, Aylsworth AS, Herring AH, Anderka M, Botto L, Correa A, Gilboa SM, Langlois PH, Mosley B, Shaw GM, Siffel C, Olshan AF, and the National Birth Defects Prevention Study. Maternal Exposure to Criteria Air Pollutants and Congenital Heart Defects in Offspring: Results from the National Birth Defects Prevention Study. *Environ Health Perspect.* 2014 Aug;122(8):863-72. Epub 2014 Apr 9.

40. Tang X, Nick TG, Cleves MA, Erickson SW, Li M, Li J, MacLeod SL, Hobbs CA. Maternal obesity and tobacco use modify the impact of genetic variants on the occurrence of conotruncal heart defects. *PLoS One*. 2014 Oct 2;9(9).
41. van Gelder MM, Donders AR, Devine O, Roeleveld N, Reefhuis J; National Birth Defects Prevention Study. Using Bayesian Models to Assess the Effects of Under-reporting of Cannabis Use on the Association with Birth Defects, National Birth Defects Prevention Study, 1997-2005. *Paediatr Perinat Epidemiol*. 2014 Sep;28(5):424-33. Epub 2014 Aug 26.
42. Van Zutphen AR, Werler MM, Browne MM, Romitti PA, Bell EM, McNutt LA, Druschel CM, Mitchell AA, for the National Birth Defects Prevention Study. Maternal Hypertension, Medication Use, and Hypospadias in the National Birth Defects Prevention Study. *Obstet Gynecol*. 2014;123:309-17.
43. Weedn AE, Mosley BS, Cleves MA, Waller DK, Canfield MA, Correa A, Hobbs CA and the National Birth Defects Prevention Study. Maternal reporting of prenatal ultrasounds among women in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*. 2014;100(1):4-12. Epub 2013 Oct 5.
44. Weyer PJ, Brender JD, Romitti PA, Kantamneni JR, Crawford D, Sharkey JR, Shinde M, Horel SA, Vuong AM, Langlois PH. Assessing bottled water nitrate concentrations to evaluate total drinking water nitrate exposure and risk of birth defects. *J Water Health*. 2014 Dec;12(4):755-62.
45. Woud SG, van Rooji IA, van Gelder MM, Olney RS, Carmichael SL, Roeleveld N, Reefhuis J, National Birth Defects Prevention Study. Differences in risk factors for second and third degree hypospadias in the national birth defects prevention study. *Birth Defects Res A Clin Mol Teratol*. 2014 Sep;100(9):703-11. Epub 2014 Sep 2.
46. Yang W, Carmichael SL, Roberts EM, Kegley SE, Padula AM, English PB, Shaw GM. Residential Agricultural Pesticide Exposures and Risk of Neural Tube Defects and Orofacial Clefts Among Offspring in the San Joaquin Valley of California. *American Journal of Epidemiology*. 2014 March 15; 179(6):740-748. Epub 2014 Feb 18.

### 2013

47. Agopian AJ, Waller DK, Lupo PJ, Canfield MA, Mitchell LE. A case-control study of maternal bathing habits and risk for birth defects in offspring. *Environ Health*. 2013 Oct 16;12(1):88.
48. Agopian, A. J., Tinker, S. C., Lupo, P. J., Canfield, M. A., Mitchell, L. E. Proportion of neural tube defects attributable to known risk factors. *Birth Defects Res A Clin Mol Teratol*. 97(1):42-46.
49. Agopian AJ, Lupo PL, Canfield MA, Mitchell LE and the National Birth Defects Prevention Study. Swimming pool use and birth defect risk. *American Journal of Obstetrics and Gynecology*. 2013 Sep;209(3):219.e1-9. Epub 2013 Apr 27.

50. Ahrens KA, Anderka MT, Feldkamp ML, Canfield MA, Mitchell AA, Werler MM, & the National Birth Defects Prevention Study. Antiherpetic medication use and the risk of gastroschisis: findings from the National Birth Defects Prevention Study, 1997-2007. *Paediatric and Perinatal Epidemiology*. 2013 Jul;27:340-345. Epub 2013 Jun 3.
51. Brender JD, Weyer PJ, Romitti PA, Mohanty BP, Shinde MU, Vuong AM, Sharkey JR, Dwivedi D, Horel SA, Kantamneni J, Huber JC Jr., Zheng Q, Werler MM, Kelley KE, Griesenbeck JS, Zhan FB, Langlois PH, Suarez L, Canfield MA and the National Birth Defects Prevention Study. Prenatal nitrate intake from drinking water and selected birth defects in offspring of participants in the national birth defects prevention study. *Environ Health Perspect*. 2013 Sep;121(9):1083-9. Epub 2013 Jun 11.
52. Carmichael SL, Cogswell ME, Ma C, Gonzalez-Feliciano A, Olney RS, Correa A, Shaw GM and the National Birth Defects Prevention Study. Hypospadias and maternal intake of phytoestrogens. *Am J Epidemiol*. 2013 Aug 1;178(3):434-40. Epub 2013 Jun 9.
53. Carmichael SL, Yang W, Shaw GM and the National Birth Defects Prevention Study. Maternal dietary nutrient intake and risk of preterm delivery. *Am J Perinatol*. 2013 Aug;30(7):579-88. Epub 2012 Dec 3.
54. Caspers KM, Romitti PA, Lin S, Olney RS, Holmes LB, Werler MM, & National Birth Defects Prevention Study. Maternal periconceptional exposure to cigarette smoking and limb deficiencies. *Paediatr Perinat Epidemiol*. 2013 Nov;27(6):509-20.
55. Huber JC, Brender JD, Zheng Q, Sharkey JR, Vuong AM, Shinde MU, Griesenbeck JS, Suarez L, Langlois P, Canfield MA, Romitti PA, Weyer PJ and the National Birth Defects Prevention Study. Maternal dietary intake of nitrates, nitrites and nitrosamines and selected birth defects in offspring: a case-control study. *Nutrition Journal*. 2013 March 21; 12:34.
56. Khodr ZG, Lupo PJ, Canfield MA, Chan W, Cai Y, Mitchell LE. Hispanic ethnicity and acculturation, maternal age and the risk of gastroschisis in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*. 2013 Aug;97(8):538-45. Epub 2013 Jun 3.
57. Langlois PH, Hoyt AT, Lupo PJ, Lawson CC, Waters MA, Desrosiers TA, Shaw GM, Romitti PA, Lammer EJ; Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of oral cleft-affected pregnancies. *Cleft Palate Craniofac J*. 2013. 50(3):337-46. Epub 2012 Nov 8.
58. Lin S, Herdt-Losavio ML, Chapman BR, Munsie JP, Olshan AF, Druschel CM, & the National Birth Defects Prevention Study. Maternal occupation and the risk of major birth defects: A follow-up analysis from the National Birth Defects Prevention Study. *Int J Hyg Environ Health*. 2013 June; 216(2): 317-324. Epub 2012 Jun 12.
59. Lind, JN, Tinker, SC., Broussard, CS., Reefhuis, J., Carmichael, SL., Honein, MA., Olney, RS., Parker, SE., Werler, MM. Maternal medication and herbal use and risk for hypospadias: data from the National Birth Defects Prevention Study, 1997-2007. *Pharmacoepidemiol Drug Saf*. 2013 Jul;22(7):783-93. Epub 2013 Apr 26.
60. Makelarski JA, Romitti PA, Sun L, Burns TL, Druschel CM, Suarez L, Olshan AF, Siega-Riz AM, Olney RS; and the National Birth Defects Prevention Study. Periconceptional maternal

alcohol consumption and neural tube defects. *Birth Defects Res A Clin Mol Teratol* 2013. 97(3):152-160.

61. Polen K, Rasmussen SA, Riehle-Colarusso T, Reefhuis J, & National Birth Defects Prevention Study. Association between reported venlafazine use in early pregnancy and birth defects, National Birth Defects Prevention Study, 1997-2007. *Birth Defects Res A Clin Mol Teratol* 2013. 97(1):28-35.
  62. Shinde MU, Brender JD, Werler MM, Vuong AM, Kelley KE, Huber Jr. JC, Sharkey JR, Griesenbeck JS, Romitti PA, Malik S, Suarez L, Langlois PH Canfield MA, & National Birth Defects Prevention Study. Prenatal exposure to nitrosatable drugs, vitamin C and risk of selected birth defects. *Birth Defects Res A Clin Mol Teratol* . Epub May 28 2013.
  63. Sotres-Alvarez, D., Siega-Riz, AM., Herring, AH., Carmichael, SL., Feldkamp, ML., Hobbs, CA., Olshan, AF., and the National Birth Defects Prevention Study. Maternal Dietary Patterns are Associated With Risk of Neural Tube and Congenital Heart Defects. *Am J Epidemiol*. 2013 Jun 1;177(11):1279-88. Epub 2013 May 2.
  64. Thorpe, PG, Gilboa SM, Hernandez-Diaz S, Lind J, Cragan JD, Briggs G, Kweder S, Friedman JM, Mitchell AA, Honein MA. Medications in the first trimester of pregnancy: most common exposures and critical gaps in understanding fetal risk. *Pharmacoepidemiol Drug Saf*. 2013 Sep;22(9):1013-8. Epub 2013 Jul 29.
  65. Tinker, SC, Gibbs, C., Strickland, MJ, Devine, OJ, Crider, KS, Werler, MM, Anderka, MT, Reefhuis, J., the National Birth Defects Prevention Study. Impact of Time to Maternal Interview on Interview Responses in the National Birth Defects Prevention Study. *Am J Epidemiol*. 2013 Jun 1;177(11):1225-35. Epub 2013 May 3.
  66. Van Bennekom CM, Mitchell AA, Moore CA, Werler MM and the National Birth Defects Prevention Study. Vasoactive Exposures during Pregnancy and Risk of Microtia. *Birth Defects Res A Clin Mol Teratol*. 2013 Jan;97(1):53-9. Epub 2012 Nov 24.
- 2012**
67. Agopian AJ, Lupo PJ, Herdt-Losavio ML, Langlois PH, Rocheleau CM, Mitchell LE, & The National Birth Defects Prevention, S. Differences in folic acid use, prenatal care, smoking, and drinking in early pregnancy by occupation. *Prev Med* 2012. 55(4): 341-345.
  68. Agopian AJ, Lupo PJ, Tinker SC, Canfield MA, Mitchell LE, & the National Birth Defects Prevention Study. Working Towards a Risk Prediction Model for Neural Tube Defects. *Birth Defects Res A Clin Mol Teratol* 2012. 94(3):141-6.
  69. Agopian A, CanfieldM, Olney R, Lupo P, Ramadhani T, Mitchell L, Shaw G, Moore C, and the National Birth Defects Prevention Study. Spina bifida subtypes and sub-phenotypes by maternal race/ethnicity in the National Birth Defects Prevention Study. *Am J Med Genet A*. 2012 Jan;158A(1):109-15. Epub 2011 Dec 2.
  70. Anderka M, Mitchell AA, Louik C, Werler MM, Hernandez-Diaz S, Rasmussen SA, &National Birth Defects Prevention Study. Medications used to treat nausea and vomiting of pregnancy and the risk of selected birth defects. *Birth Defects Res A Clin Mol Teratol* 2012. 94(1): 22-30. Epub 2011 Nov 19.

71. Brender JD, Werler MM, Shinde MU, Vuong AM, Kelley KE, Huber Jr. JC, Sharkey JR, Griesenbeck JS, Romitti PA, Malik S, Suarez L, Langlois PH, Canfield MA; and the National Birth Defects Prevention Study. Nitrosatable drug exposure during the first trimester of pregnancy and selected congenital malformations. *Birth Defects Res A Clin Mol Teratol* 2012. 94(9):701-713.
72. Carmichael SL, Ma C, Feldkamp ML, Munger RG, Olney RS, Botto LD, Shaw MG, Correa A. Nutritional factors and hypospadias risks. *Paediatr Perinat Epidemiol* 2012. 26(4): 353-360.
73. Carmichael SL, Yang W, Feldkamp ML, Munger RG, Siega-Riz AM, Botto LD, and the National Birth Defects Prevention Study. Reduced Risks of Neural Tube Defects and Orofacial Clefts with Higher Diet Quality. *Arch Pediatr Adolesc Med* 2012. 166(2): 121-126. Epub 2011 Oct 3.
74. Chandler AL, Hobbs CA, Mosley BS, Berry RJ, Canfield MA, Qi YP, Siega-Riz AM, Shaw G & the National Birth Defects Prevention Study. Neural tube defects and maternal intake of micronutrients related to one-carbon metabolism or antioxidant activity. *Birth Defects Res A Clin Mol Teratol* 2012 Nov; 94:864-74.
75. Chen L, Bell EM, Browne ML, Druschel CM, Romitti PA, Schmidt RJ, & the National Birth Defects Prevention Study. Maternal caffeine consumption and risk of congenital limb deficiencies. *Birth Defects Res A Clin Mol Teratol* 2012.
76. Correa A, Gilboa S, Botto L, Moore C, Hobbs C, Cleves M, Colarusso-Riehle T, Waller K, Reece A, & the National Birth Defects Prevention Study. Lack of periconceptional vitamins or supplements that contain folic acid and diabetes mellitus-associated birth defects. *Am J Obstet Gynecol* 2012;206(3):218.e1-218.e13.
77. Desrosiers TA, Herring AH, Shapira SK, Hooiveld M, Luben TJ, Herdt-Losavio ML, Lin S, Olshan AF, and the National Birth Defects Prevention Study. Paternal occupation and birth defects: findings from the National Birth Defects Prevention Study. *Occup Environ Med* 2012. Aug;69(8): 534-542. Epub 2012 Jul 9.
78. Desrosiers TA, Lawson CC, Meyer RE, Richardson DB, Daniels JL, Waters MA, van Wijngaarden E, Langlois PH, Romitti PA, Correa A, Olshan AF, & the National Birth Defects Prevention Study. Maternal occupational exposure to organic solvents during early pregnancy and risks of neural tube defects and orofacial clefts. *Occup Environ Med* 2012. 69(7): 493-499. Epub 2012 Mar 23.
79. Desrosiers TA, Lawson CC, Meyer RE, Waters MA, van Wijngaarden E, Langlois PH, Romitti PA, Correa A, Olshan AF. Re: The study of the relation between maternal occupational exposure to solvents and birth defects should include oxygenated solvents (authors' response). *Occup Environ Med* 2012. 69(12):933-4. Epub 2012 Oct 9.
80. Duong HT, Hoyt AT, Carmichael SL, Gilboa SM, Canfield MA, Case AP, McNeese ML, Waller DK, & the National Birth Defects Prevention Study. (2012). Is maternal parity an independent risk factor for birth defects? *Birth Defects Res A Clin Mol Teratol* 2012. 94(4): 230-236.
81. Getz KD, Anderka MT, Werler MM, & Case AP. (2012). Short interpregnancy interval and gastroschisis risk in the national birth defects prevention study. *Birth Defects Res A Clin Mol Teratol* 2012. 94(9):714-20.
82. Gilboa SM, Desrosiers TA, Lawson C, Lupo PJ, Riehle-Colarusso TJ, Stewart PA, van Wijngaarden E, Waters MA, Correa A, and the National Birth Defects Prevention Study. (2012). Association between maternal occupational exposure to organic solvents and congenital



heart defects, National Birth Defects Prevention Study, 1997-2002. *Occup Environ Med* 2012. 69(9): 628-635.

83. Gill SK, Broussard C, Devine O, Green RF, Rasmussen SA, Reefhuis J, & and the National Birth Defects Prevention, S. (2012). Association between maternal age and birth defects of unknown etiology - United States, 1997-2007. *Birth Defects Res A Clin Mol Teratol* 2012;94(12):1010-1018.
84. Hernandez RK, Werler MM, Romitti P, Sun L, Anderka M, and National Birth Defects Prevention Study. Nonsteroidal antiinflammatory drug use among women and the risk of birth defects. *Am J Obstet Gynecol* 2012. 206(3): 228 e221-228.
85. Langlois PH, Hoyt AT, Lupo PJ, Lawson CC, Waters MA, Desrosiers TA, Shaw GM, Romitti PA Lammer EJ, & the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of neural tube defect-affected pregnancies. *Birth Defects Res A Clin Mol Teratol*, 2012. 94(9): 693-700
86. Lin S, Munsie JP, Herdt-Losavio M, Druschel C, Campbell K, Browne M, Romitti P, Olney R, Bell E and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of selected birth defects. *Pediatrics* 2012. 129(2):e317-e324.
87. Lupo PJ, Canfield MA, Chapa C, Lu W, Agopian AJ, Mitchell LE, Shaw GM, Waller DK, Olshan AF, Finnell RH, Zhu H. Diabetes and Obesity-Related Genes and the Risk of Neural Tube Defects in the National Birth Defects Prevention Study. *Am J Epidemiol* 2012. 176(12):1101-9.
88. Lupo PJ, Chapa C, Nousome D, Duhon C, Canfield MA, Shaw GM, Finnell RH, Zhu H and the National Birth Defects Prevention Study. (2012) A GCH1 Functional Haplotype and Risk of Neural Tube Defects in the National Birth Defects Prevention Study. *Mol Genet Metab* 2012. 107(3):592-5.
89. Lupo PJ, Langlois PH, Reefhuis J, Lawson CC, Symanski E, Desrosiers TA, Khodr ZG, Agopian MA, Waters MA, Duwe KN, Finnell RH, Mitchell LE, Moore CA, Romitti PA, Shaw GM, & the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and the risk of gastroschisis in offspring. *Environ Health Perspec* 2012. 120(6), 910-915.
90. Lupo PJ, Symanski E, Langlois PH, Lawson CC, Malik S, Gilboa SM, Lee LJ, Agopian AJ, Desrosiers TA, Waters MA, Romitti PA, Correa A, Shaw GM, Mitchell LE, and the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and congenital heart defects among offspring in the national birth defects prevention study. *Birth Defects Research Part A* 2012. 94(11): 875-881.
91. Ma C, Shaw GM, Scheuerle AE, Canfield MA, Carmichael SL, and National Birth Defects Prevention Study. Association of microtia with maternal nutrition. *Birth Defects Res A Clin Mol Teratol* 2012. 94(12):1026-32.
92. Margulis AV, Mitchell AA, Gilboa SM, Werler MM, Mittleman MA, Glynn RJ, & National Birth Defects Prevention Study. Use of topiramate in pregnancy and risk of oral clefts. *Am J Obstet Gynecol* 2012. 207(5): 405.e1-405.e7
93. Parker SE, Werler MM, Shaw GM, Anderka M, Yazdy MM, and the National Birth Defects Prevention Study. Dietary glycemic index and the risk of birth defects. *Am J Epidemiol* 2012. 176(12):1110-20..
94. Patel SS, Burns TL, Botto LD, Riehle-Colarusso TJ, Lin AE, Shaw GM, Romitti PA, and the National Birth Defects Prevention Study. Analysis of selected maternal exposures and non-

syndromic atrioventricular septal defects in the National Birth Defects Prevention Study, 1997-2005. *Am J Med Genet A* 2012. 158A:2447-245.

95. Srisukhumboworchai S, Krikov S, Feldkamp ML. Self-reported maternal smoking during pregnancy by source in Utah, 2003-2007. *Birth Defects Res A Clin Mol Teratol*. 2012 Dec;94(12):996-1003. Epub 2012 July 23.
96. Yang W, Carmichael SL, Tinker SC, Shaw GM, & the National Birth Defects Prevention Study. (2012). Association between weight gain during pregnancy and neural tube defects and gastroschisis in offspring. *Birth Defects Res A Clin Mol Teratol* 2012. 94(12):1019-1025.

## 2011

97. Alwan S, Reefhuis J, Rasmussen SA, Friedman JM, and the *National Birth Defects Prevention Study*. Patterns of Antidepressant Medication Use Among Pregnant Women in a United States Population. *Journal of Clinical Pharmacology*. 2011; 51:264-270. Epub 2010 Jul 27.
98. Brender JD, Kelley KE, Werler MM, Langlois PH, Suarez L, Canfield MA, and the National Birth Defects Prevention Study. Prevalence and patterns of nitrosatable drug use among U.S. women during early pregnancy. *Birth Defects Res A Clin Mol Teratol*. 2011; 91(9):258-64.
99. Brender JD, Werler MM, Kelley KE, Vuong AM, Shinde MU, Zheng Q, Huber JC Jr, Sharkey JR, Griesenbeck JS, Romitti PA, Langlois PH, Suarez L, Canfield MA, and the National Birth Defects Prevention Study. Nitrosatable drug exposure during early pregnancy and neural tube defects in offspring: the national birth defects prevention study. *Am J Epidemiol*. 2011; 174:1286-1295.
100. Broussard C, Rasmussen S, Reefhuis J, Friedman J, Jann M, Colarusso-Riehle T, Honein M and the National Birth Defects Prevention Study. Maternal Treatment with Opioid Analgesics and Risk for Birth Defects. *American Journal of Obstetrics and Gynecology*. 2011; 204(4):314.e1-314.e11. Epub 2011 Feb 25.
101. Browne ML, Hoyt AT, Feldkamp ML, Rasmussen SA, Marshall EG, Druschel CM, Romitti PA. Maternal caffeine intake and risk of selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*. 2011 Feb; 91(2):93-101.
102. Carmichael SL, Gonzalez-Feliciano AG, Ma C, Shaw GM, Cogswell ME. Estimated dietary phytoestrogen intake and major food sources among women during the year before pregnancy. *Nutr J*. 2011 Oct; 10:105.
103. Carter TC, Olney RS, Mitchell AA, Romitti PA, Bell EM, Druschel CM, and the National Birth Defects Prevention Study. Maternal self-reported genital tract infections during pregnancy and the risk of selected birth defects. *Birth Defects Res A Clin Mol Teratol*. 2011; 91(2):108-16. Epub 2011 Feb 15.
104. Cleves MA, Hobbs CA, Krakowiak PA, Zhao W, MacLeod SL and the National Birth Defects Prevention Study. Association between selected folate pathway polymorphisms and nonsyndromic limb reduction defects: a case-parental analysis. *Paediatric and Perinatal Epidemiology*. 2011; 25(2):124-134. Epub 2011 Feb 2.
105. Duong HT, Shahrukh Hashmi S, Ramadhani T, Canfield MA, Scheuerle A, Kim Waller D; the National Birth Defects Prevention Study. Maternal use of hot tub and major structural birth defects. *Birth Defects Res A Clin Mol Teratol*. 2011 Sep;91(9):836-41.

106. Feldkamp ML, Carmichael S, Shaw G, Panichello J, Botto L. Maternal nutrition and the risk of gastroschisis: findings from the National Birth Defects Prevention Study. *Am J Obstet Gynecol*. 2011 May; 204(5):404.e1-404.e10. Epub 2011 Mar 10.
107. Gallagher M, Sturchio C, Smith A, Koontz D, Jenkins M, Honein M, Rasmussen S and the National Birth Defects Prevention Study. Evaluation of mailed pediatric buccal cytobrushes for use in a case-control study of birth defects. *Birth Defects Res A Clin Mol Teratol*. 2011 Jul; 91(7):642-8. Epub 2011 May 31.
108. Hartman R, Colarusso-Riehle T, Lin A, Frias J, Patel S, Duwe K, Correa A, Rasmussen S and the National Birth Defects Prevention Study. Descriptive study of non-syndromic atrioventricular septal defects in the National Birth Defects Prevention Study, 1997-2005. *Am J Med Genet A*. 2011; 155A(3):555-64. Epub 2011 Feb 18.
109. Jenkins MM, Reed-Gross E, Barfield WD, Prue CE, Gallagher ML, Rasmussen SA, Honein MA. Qualitative assessment of study materials and communication strategies used in studies that include DNA collection. *Am J Med Genet Part A* 2011; 155:2721-2731
110. Mitchell AA, Gilboa SM, Werler MM, Kelley KE, Louik C, Hernández-Díaz S; National Birth Defects Prevention Study. Medication use during pregnancy, with particular focus on prescription drugs: 1976-2008. *Am J Obstet Gynecol*. 2011; 205(1):51.e1-51.e8.
111. Munsie, J, Lin S, Campbell K, Caton A, Bell E, Browne M, Rasmussen S, Romitti P, Druschel C and the National Birth Defects Prevention Study. Maternal Bronchodilator Use and the Risk of Orofacial Clefts. *Human Reproduction*. 2011 Nov; 26(11):3147-3154.
112. Olshan AF, Hobbs CA, Shaw GM. 2011. Discovery of genetic susceptibility factors for human birth defects: an opportunity for a national agenda. *American Journal of Medical Genetics Part A*, 2011; 155(8):1794–1797. [Epub 2011 Jul 7].
113. Ramadhani TA, Canfield MA, Farag NH, Royle M, Correa A, Waller DK, Scheuerle A and the National Birth Defects Prevention Study. Do foreign- and U.S.-born mothers across racial/ethnic groups have similar risk profile for selected sociodemographic and periconceptional factors? *Birth Defects Res A Clin Mol Teratol*. 2011 Sep; 91(9):823-30.
114. Rasmussen SA, Riehle-Colarusso T, Shapira SK, Honein MA, Reefhuis J. Letter to the editor: Ventricular septal defects and the National Birth Defects Prevention Study. *BDRA*. 2011; 91(1):66. Epub 2011 Jan 22.
115. Reefhuis J, Honein M, Schieve L, Rasmussen S and the National Birth Defects Prevention Study. Use of clomiphene citrate and birth defects, National Birth Defects Prevention Study, 1997-2005. *Human Reproduction*. 2011; 26(2):451-7. Epub 2010 Nov 26.
116. Reefhuis J, Rasmussen SA, Honein MA and the National Birth Defects Prevention Study. Prenatal versus postnatal repair of myelomeningocele. *N Engl J Med*, 2011;364(26):2555.
117. Richardson S, Browne M, Rasmussen S, Druschel C, Sun L, Wang Jabs E, Romitti P and the National Birth Defects Prevention Study. Associations between periconceptional alcohol consumption and craniosynostosis, omphalocele, and gastroschisis. *BDRA*. 2011; 91(7):623-30. Epub 2011 May 31.
118. Rocheleau CM, Lawson CC, Waters MA, Hein MJ, Stewart PA, Correa A, Echeverria D, Reefhuis J. Inter-rater reliability of assessed prenatal maternal occupational exposures to solvents, polycyclic aromatic hydrocarbons, and heavy metals. *J Occ Env Hyg*, 2011; 8: 718-728.

119. Rocheleau C, Romitti P, Sanderson W, Lawson T, Sun L, Waters M, Stewart P, Reefhuis J, Olney R and the National Birth Defects Prevention Study. Maternal occupational pesticide exposure and risk of hypospadias in the national birth defects prevention study. *Birth Defects Res A Clin Mol Teratol*, 2011; 91: 927-936.
120. Shaw GM, Carmichael SL, Yang W, Siega-Riz AM. Periconceptional intake of folic acid and food folate and risks of preterm delivery. *Am J Perinatol*. 2011 Jun 16 (Dec);28(10):747-52.
121. Suarez L, Canfield MA, Ramadhani T, Brender JD, Felkner M, Romitti P, Sun L, and the National Birth Defects Prevention Study. Maternal smoking, passive tobacco smoke, and neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 2011; 91(1):29-33.
122. Tinker S, Reefhuis J, Dellinger A, Jamieson D and the National Birth Defects Prevention Study. Maternal injuries during the periconceptional period and the risk of birth defects, National Birth Defects Prevention Study, 1997-2005, National Birth Defects Prevention Study, 1997-2005. *Paediatr Perinat Epidemiol*, 2011; 25(5):487-96.
123. Toh S, Mitchell AA, Anderka M, de Jong-van den Berg LT, Hernandez-Diaz S. Antibiotics and oral contraceptive failure-a case-crossover study. *Contraception*. 2011 May;83(5):418-25. Epub 2010 Oct 8.
124. Werler MM, Ahrens KA, Bosco JL, Mitchell AA, Anderka MT, Gilboa SM, Holmes LB, and the National Birth Defects Prevention Study. Use of antiepileptic medications in pregnancy in relation to risks of birth defects. *Annals of Epidemiology*. 2011; 21(11):842-50.

## 2010

125. Alwan S, Reefhuis J, Botto LD, Rasmussen SA, Correa A, Friedman JM, and the *National Birth Defects Prevention Study*. Maternal use of bupropion and risk for congenital heart defects. *Am J Obstet Gynecol*. 2010. 203:52 e.1-6. Epub 2010 Apr 22.
126. Anderka M, Romitti PA, Sun L, Druschel C, Carmichael S, Shaw G and the National Birth Defects Prevention Study. Patterns of tobacco exposure before and during pregnancy. *Acta Obstet Gynecol Scand*. 2010;89(4):505-14.
127. Boulet S, Rasmussen S, Honein M and the National Birth Defects Prevention Study. Maternal Body Mass Index as a Risk Factor for Craniosynostosis. *Am J Med Genet A*. 2010; 152A(11):2895-7.
128. Broussard CS, Louik CA, Honein MA, Mitchell AA, and the National Birth Defects Prevention Study. Herbal use before and during pregnancy. *Am J Obstet Gynecol*. 2010. 202(5):443e1-6. Epub 2009 Dec 29.
129. Carmichael S, Rasmussen S, Lammer E, Chen M, Shaw G and the National Birth Defects Prevention Study. Craniosynostosis and nutrient intake during pregnancy. *Birth Defects Res A Clin Mol Teratol*. 2010; 88:1032-39. Epub 2010 Sep 14.
130. Carmichael SL, Yang W, Shaw GM. Periconceptional nutrient intakes and risks of neural tube defects in California. *Birth Defects Res A Clin Mol Teratol*. 2010 Aug;88(8):670-8.
131. Caspers K, Oltean C, Romitti P, Sun L, Pober B, Rasmussen S, Yang W, Druschel C and the National Birth Defects Prevention Study. Maternal periconceptional exposure to cigarette smoking and alcohol consumption and congenital diaphragmatic hernia. *Birth Defects Res Part A Clin Mol Teratol*. 2010; 88:1040-1049.

132. Dott M, Reefhuis J, Hogue CJ, Rasmussen SA. Association between pregnancy intention and reproductive-health related behaviors before and after pregnancy recognition, National Birth Defects Prevention Study, 1997-2002. *Matern Child Health J.* 2010; 14(3): 373-81. Epub 2009 Feb 28.
133. Duwe, Reefhuis, Honein, Schieve, Rasmussen, and the National Birth Defects Prevention Study. Epidemiology of fertility treatment use among US women with liveborn infants, 1997-2004. *Journal of Women's Health.* 2010. 19(3): 407-416. Epub 2010 Feb 2.
134. Feldkamp ML, Meyer RE, Krikov S, Botto LD. Acetaminophen use in pregnancy and risk for birth defects: findings from the National Birth Defects Prevention Study. *Ob Gyn.* 2010; 115(1):109-15.
135. Fisk Green R, Devine O, Crider KS, Olney RS, Archer N, Olshan AF, Shapira SK, and the National Birth Defect Prevention Study. Association of Paternal Age and Risk for Major Congenital Anomalies from the National Birth Defects Prevention Study, 1997-2004. *Annals of Epidemiology.* 2010. 20(3):241-9. Epub 2010 Jan 6.
136. Gilboa SM, Correa A, Botto LD, Rasmussen SA, Waller DK, Hobbs, CA, Cleves MA, Riehle-Colarusso TJ, and the National Birth Defects Prevention Study. Association between prepregnancy body mass index and congenital heart defects. *Am J Obstet Gynecol.* 2010 Jan;202(1):51.
137. Griesenbeck JS, Brender JD, Sharkey JR, Steck MD, Huber JC Jr, Rene AA, McDonald TJ, Romitti PA, Canfield MA, Langlois PH, Suarez L, and the National Birth Defect Prevention Study. Maternal characteristics associated with the dietary intake of nitrates, nitrites, and nitrosamines in U.S. women of child-bearing age: a cross-sectional study. *Environ Health.* 2010 Feb 19;9:10-23.
138. Hashmi SS, Galloway MS, Waller DK, Langlois P, Hech<sup>1</sup> JT and the National Birth Defects Prevention Study. Maternal Fever during Early Pregnancy and the Risk of Oral Clefts. *Birth Defects Res Part A Clin Mol Teratol.* 2010. 88(3):186-194.
139. Herdt-Losavio ML, Lin S, Chapman BR, Hooiveld M, Olshan A, Liu X, DePersis RD, Zhu J, Druschel CM and the National Birth Defects Prevention Study. Maternal occupation and the risk of birth defects: An overview from the National Birth Defects Prevention Study. *Occupational and Environmental Medicine.* 2010 Jan; 67(1):58-66.
140. Lupo PJ, Symanski E, Waller DK, Chan W, Canfield MA, Langlois PH, Mitchell LE, and the National Birth Defects Prevention Study. Polytomous Logistic Regression as a Tool for Exploring Heterogeneity across Birth Defect Subtypes: An Example Using Anencephaly and Spina Bifida. *Birth Defects Res A Clin Mol Teratol,* 2010; 88(8):701-705.
141. Ma C, Carmichael SL, Scheuerle AE, Canfield MA, Shaw GM. Association of microtia with maternal obesity and periconceptual folic acid use. *Am J Med Genet A.* 2010;152A(11):2756-61.
142. Miller EA, Rasmussen SA, Siega-Riz AM, Fri'as JL, Honein MA, the National Birth Defects Prevention Study. Risk factors for non-syndromic holoprosencephaly in the National Birth Defects Prevention Study. *Am J Med Genet Part C Semin Med Genet.* 2010; 154C:62-72.
143. Prakalapakorn SG, Rasmussen SA, Lambert SR, Honein MA, and the National Birth Defects Prevention Study. Assessment of risk factors for infantile cataracts using a case-control study, National Birth Defects Prevention Study, 2000-2004. *Ophthalmology.* 2010; 117(8):1500-1505. Epub 2010 Apr 7.

144. Sanchez-Lara PA, Carmichael SL, Graham JM, Lammer EJ, Shaw GM, Ma C, Rasmussen SA. Fetal constraint as a potential risk factor for craniosynostosis. *Am J Med Gen* 2010(Feb);152A:394-400
145. Schmidt R, Romitti P, Burns T, Murray J, Browne M, Druschel C, Olney R, and the National Birth Defects Prevention Study. Caffeine, selected metabolic gene variants, and risk of neural tube defects. *Birth Defects Res A Clin Mol Teratol*. 2010 Jul;88(7):560-9.
146. Shaw GM, Carmichael SL, Yang W, Lammer EJ. Periconceptional nutrient intakes and risks of conotruncal heart defects. *Birth Defects Res A Clin Mol Teratol*. 2010 March;88(3):144-51.
147. Tinker S, Reefhuis J, Dellinger A, Jamieson D and the National Birth Defects Prevention Study. Epidemiology of maternal injuries during pregnancy in a population-based study, 1997-2005. *Journal of Women's Health*. 2010; 19(12):2211-8. Epub 2010 Nov 12.
148. van Gelder MMHJ, Reefhuis J, Caton A, Werler M, Druschel C, Roeleveld N. Characteristics of pregnant illicit drug users and the association cannabis and perinatal outcome in a population-based study. *Journal of Drug and Alcohol Dependence*. 2010. 109(1-3): 243-247. Epub Feb 23.
149. Waller DK, Gallaway MS, Taylor LG, Ramadhani TA, Canfield MA, Scheuerle A, Hernández-Díaz S, Louik C, Correa A, and the National Birth Defects Prevention Study. Use of oral contraceptives in pregnancy and major structural birth defects in offspring. *Epidemiology*. 2010 Mar;21(2):232-9.

## 2009

150. Bird TM, Robbins JM, Druschel C, Cleves MA, Yang S, Hobbs CA, and the National Birth Defects Prevention Study. Demographic and environmental risk factors for gastroschisis and omphalocele in the National Birth Defects Prevention Study. *J Pediatr Surg*. 2009; 44(8):1546-51.
151. Browne ML, Rasmussen SA, Hoyt AT, Waller DK, Druschel CM, Caton AR, Canfield MA, Lin AE, Carmichael SL, Romitti PA, and the National Birth Defects Prevention Study. Maternal thyroid disease, thyroid medication use and selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*. 2009; 85(7):621-8.
152. Canfield MA, Ramadhani TA, Shaw GM, Carmichael SL, Waller DK, Mosley BS, Royle MH, Olney RS, and the National Birth Defects Prevention Study. Anencephaly and spina bifida among Hispanics: maternal, sociodemographic, and acculturation factors in the National Birth Defects Prevention Study. *Birth Defects Research (Part A) Clinical and Molecular Teratology*. 2009; 85:637-646.
153. Carmichael SL, Ma C, Werler MM, Olney RS, Shaw GM, and the National Birth Defects Prevention Study. Maternal corticosteroid use and hypospadias. *J Pediatr*. 2009 Jul;155(1):39-44, 44.e1. Epub 2009 Apr 24.
154. Carmichael SL, Yang W, Correa A, Olney RS, Shaw GM, for the National Birth Defects Prevention Study. Hypospadias and intake of nutrients related to one-carbon metabolism. *Journal of Urology*. 2009;181:315-321. Epub 2008 Nov 13.
155. Caton, AR, Bell EM, Druschel CM, Werler MM, Lin AE, Browne ML, McNutt LA, Romitti PA, Mitchell AA, Olney RS, Correa A and the National Birth Defects Prevention Study. Antihypertensive medication use during pregnancy and the risk of cardiovascular malformations. *Hypertension*. 2009; 54: 63-70. [2009 Top Paper in Population Science Award]

156. Cogswell ME, Bitsko RH, Anderka M, Caton AR, Feldkamp ML, Hockett-Sherlock SM, Meyer RE, Ramadhani T, Robbins JM, Shaw G, Mathews TJ, Royle M, Reefhuis J and the National Birth Defects Prevention Study. Control Selection and Participation in an Ongoing, Population-Based, Case-Control Study of Birth Defects, the National Birth Defects Prevention Study. *Am. J. Epidemiol.* 2009; 170: 975-985.
157. Collier SA, Rasmussen SA, Feldkamp ML, Honein MA and the National Birth Defects Prevention Study. Prevalence of self-reported infection during pregnancy among control mothers in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol.* 2009 Mar;85(3):193-201.
158. Collier SA, Browne ML, Rasmussen SA, Honein MA, and the National Birth Defects Prevention Study. Maternal caffeine intake during pregnancy and orofacial clefts. *Birth Defects Res Part A Clin Mol Teratol* 2009; 85:842-849.
159. Crider KS, Cleves MA, Reefhuis J, Berry RJ, Hobbs CA, Hu DJ and the National Birth Defects Prevention Study. Antibacterial medication use during pregnancy and risk of birth defects: National Birth Defects Prevention Study. *Arch Pediatr Adolesc Med.* 2009; 163(11): 978-85.
160. Ethen MK, Ramadhani TA, Scheuerle AE, Canfield MA, Wyszynski DF, Druschel CM, Romitti PA and the National Birth Defects Prevention Study. Alcohol consumption by women before and during pregnancy. *Maternal Child Health J.* 2009. 13(2):274-85.
161. Gallaway MS, Waller DK, Canfield MA, Scheuerle A and the National Birth Defects Prevention Study. The association between use of spermicides or male condoms and major structural birth defects. *Contraception.* 2009; 80(5): 422-9.
162. Genisca AE, Frías JL, Broussard CS, Honein MA, Lammer EJ, Moore CA, Shaw GM, Murray JC, Yang W, Rasmussen SA, and the National Birth Defects Prevention Study. Orofacial Clefts in the National Birth Defects Prevention Study, 1997-2004. *Am J Med Genet A.* 2009. 149A(6):1149-58.
163. Gilboa SM, Strickland MJ, Olshan AF, Werler MW, Correa A, and the National Birth Defects Prevention Study. Use of Antihistamine Medications During Early Pregnancy and Isolated Major Malformations. *Birth Defects Res A Clin Mol Teratol.* 2009 Feb;85(2):137-50.
164. Griesenbeck JS, Steck MD, Huber JC, Sharkey JR, Rene AA, Brender JD. Development of estimates of dietary nitrates, nitrites, and nitrosamines for use with the short Willet food frequency questionnaire. *Nutrition Journal,* 2009; Apr 6;8:16
165. Jenkins MM, Reed-Gross E, Rasmussen SA, Barfield WD, Prue CE, Gallagher ML, Honein MA. Maternal attitudes toward DNA collection for gene-environment studies: A qualitative research study. *Am J Med Genet Part A* 2009; 149A:2378-2386.
166. Johnson CY, Honein MA, Hobbs CA, Rasmussen SA, and the National Birth Defects Prevention Study. Prenatal diagnosis of orofacial clefts, National Birth Defects Prevention Study, 1998-2004. *Prenat Diagn.* 2009 Sep;29(9):833-9.
167. Langlois PH, Ramadhani T, Royle M, Robbins JM, Scheuerle AE, Wyszynski DF, and the National Birth Defects Prevention Study. Birth defects and military service since 1990. *Military Medicine.* 2009 Feb;174(2):170-6.
168. Lin S, Herdt-Losavio M, Gensburg L, Marshall E, Druschel C, and the National Birth Defects Prevention Study. Maternal asthma, asthma medication use, and the risk of congenital heart defects. *Birth Defects Res A Clin Mol Teratol.* 2009;85(2):161-8. Epub 2008 Dec 11.

169. MacLehose RF, Olshan AF, Herring AH, Honein MA, Shaw GM, Romitti PA, and the National Birth Defects Prevention Study. Bayesian methods for correcting misclassification: An example from birth defects epidemiology. *Epidemiology*, 2009 Jan; 20(1):27-35.
170. Miller EA, Manning SE, Rasmussen SA, Reefhuis J, Honein MA. Maternal exposure to tobacco smoke, alcohol and caffeine and risk of anorectal atresia – National Birth Defects Prevention Study 1997-2003. *Paediatr Perinat Epidemiol*. 2009 Jan;23(1):9-17.
171. Mosley BS, Cleves MA, Hobbs CA, Siega-Riz AM, Shaw GM, Zhao W, Canfield MA, Wyszynski, Waller DK, and the National Birth Defects Prevention Study. Neural tube defects and maternal folate intake among pregnancies conceived after folic acid fortification in the U.S. *Am J Epidemiol*. 2009. 169(1):9-17.
172. Ramadhani TR, Short V, Canfield MA, Waller DK, Kim Waller, Correa A, Royle MH, Scheuerle A, and the National Birth Defects Prevention Study (NBDPS). Are birth defects among Hispanics related to maternal nativity or number of years lived in the United States? *Birth Defects Part A Clin Mol Teratol*. 2009 Sep;85(9):755-63
173. Reefhuis J, Honein MA, Schieve LA, Correa A, Hobbs CA, Rasmussen SA, and the National Birth Defects Prevention Study. Assisted reproductive technology and major structural birth *Hum Reprod*. 2009; 24:360-6.
174. Robitaille J, Carmichael SL, Shaw, GM, Olney RS. Maternal nutrient intake and risks for transverse and longitudinal limb deficiencies: data from the National Birth Defects Prevention Study, 1997-2003. National Birth Defects Prevention Study. *Birth Defects Res Part A Clin Mol Teratol*. 2009 Sep;85(9):773-779.
175. Schmidt RJ, Romitti PA, Burns TL, Murray JC, Druschel C, Browne M, Olney RS, and the National Birth Defects Prevention Study. Maternal caffeine consumption and neural tube defects. *Birth Defects Res A Clin Mol Teratol*. 2009. 85:879-89.
176. Siega-Riz AM, Herring AH, Olshan AF, Smith J, Moore CA and the National Birth Defects Prevention Study. The joint effects of maternal prepregnancy [pregravid] body mass index and age on the risk of gastroschisis. *Paediatr Perinat Epidemiol*.2009 Jan;23(1):51-7.
177. van Gelder MM, Reefhuis J, Caton AR, Werler MM, Druschel CM, Roeleveld N, and the National Birth Defects Prevention Study. Maternal Periconceptional Illicit Drug Use and the Risk of Congenital Malformations. *Epidemiology*. 2009. 20:60-66.
178. Werler MM, Bosco JLF, Shapira SK, and the National Birth Defects Prevention Study. Maternal vasoactive exposures, amniotic bands, and terminal transverse limb defects. *Birth Defects Res A Clin Mol Teratol*. 2009; 85:52-7.
179. Werler MM, Mitchell AA, Moore CA, Honein MA, and the National Birth Defects Prevention Study. Is there epidemiologic evidence to support vascular disruption as a pathogenesis of gastroschisis? *Am J Med Genet A*. 2009 Jul; 149A(7):1399-406

## 2008

180. Bitsko R, Reefhuis J, Louik C, Werler MM, Feldkamp ML, Waller K, Frias J, Honein and the National Birth Defects Prevention Study. Periconceptional Use of Weight loss Products Including Ephedra and the Association with Birth Defects. *Birth Defects Res A Clin Mol Teratol* 2008; 82(8): 553-62.



181. Carmichael SL, MA C, Rasmussen SA, Honein MA, Lammer EJ, Shaw GM and the National Birth Defects Prevention Study. Craniosynostosis and maternal smoking. *Birth Defects Res A Clin Mol Teratol*. 2008 Feb; 82(2):78-85
182. Carter TC, Druschel CM, Romitti PA, Olney R, Werler M, Mitchell A and the National Birth Defects Prevention Study. Antifungal drugs and the risk of selected birth defects. *American Journal of Obstetrics and Gynecology*. 2008; 198(2):191.e1-191.e7
183. Caton AR, Bell EM, Druschel CM, Werler MM, Mitchell AA, Browne ML, McNutt LA, Romitti PA, Olney RS, Correa A, and the National Birth Defects Prevention Study. Maternal hypertension, antihypertensive medication use and the risk of severe hypospadias. *Birth Defects Research Part A*. 2008; 82:34-40.
184. Cleves MA, Malik S, Yang S, Carter T, Hobbs CA, the National Birth Defects Prevention Study. Maternal urinary tract infections and selected cardiovascular malformations. *Birth Defects Research (Part A) Clin Mol Teratol* 2008; 82(6): 464-73.
185. Correa A, Gilboa S, Besser LM, Botto L, Moore CA, Hobbs CA, Cleves M, Riehle T, Waller K, Reece AE and the National Birth Defects Prevention Study. Diabetes mellitus and birth defects. *Am J Obstet Gynecol*. 2008 Sep;199(3):237.e1-9.
186. Feldkamp ML, Reefhuis J, Kucik J, Krikov S, Wilson A, Moore CA, Carey JC, Botto LD and the National Birth Defects Prevention Study. Case-control study of self reported genitourinary infections and risk of gastroschisis: findings from the national birth defects prevention study, 1997-2003. *BMJ*. 2008 Jun 21; 336(7658): 1420-3. Epub 2008 Jun 16.
187. Fisk Green R, Olney RS, Reefhuis J, Botto LD, Romitti PA. Maternal reports of family history from the National Birth Defects Prevention Study, 1997-2001 *Genet Med* 2008; 10(1): 37-45.
188. Jenkins MM, Rasmussen SA, Moore CA, Honein MA; Ethical issues raised by incorporation of genetics into the National Birth Defects Prevention Study. *American Journal of Medical Genetics. Part C, Seminars in Medical Genetics*. 2008 Feb; 148C(1):40-6.
189. Lin S, Munsie JP, Herdt-Losavio ML, Bell EM, Druschel C, Romitti PA, Olney RS, and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of gastroschisis. *Am J Epidemiol*. 2008; 168(1): 73-9.
190. Malik S, Cleves MA, Honein MA, Romitti PA, Botto LD, Yang S, Hobbs CA and the National Birth Defects Prevention Study. Maternal smoking and congenital heart defects. *Pediatrics*. 2008 ;121(4):e810-6.
191. Petersen EE, Mitchell AA, Carey JC, Werler MM, Louik C, Rasmussen SA, and the National Birth Defects Prevention Study. Maternal Exposure to Statins and Risk for Birth Defects: A Case-Series Approach (research letter). *Am J Med Genet A*. 2008 Oct 15;146A(20):2701-5.
192. Shaw GM, Carmichael SL, Laurent C, Siega-Riz AM. Periconceptional glycemic load and intake of sugars and their association with neural tube defects in offspring. *Paediatr Perinat Epidemiol* 2008;22(6):514-9.
193. Slickers J, Olshan AF, Siega-Riz AM, Honein MA, Aylsworth AS and the National Birth Defects Prevention Study. Maternal body mass index and lifestyle exposures and the risk of bilateral renal agenesis or hypoplasia: Findings from the National Birth Defects Prevention Study. *Am J Epidemiol* 2008 Dec 1; 168(11):1259-67. Epub 2008 Oct 3.
194. Wong-Gibbons DL, Romitt PA, Sun L, Moore CA, Reefhuis J, Bell EM, Olshan AF, and the National Birth Defects Prevention Study. Maternal periconceptional exposure to cigarette

smoking and alcohol and esophageal atresia +/- tracheo-esophageal fistula. *Birth Defects Res A Clin Mol Teratol.* 2008; 82(11):776-84.

195. Yang J, Carmichael SL, Canfield M, Song J, Shaw GM. Socioeconomic status in relation to selected birth defects in a large multi-centered US case-control study. *American Journal of Epidemiology.* 2008; 167(2):145-154.
196. Yang W, Shaw GM, Carmichael SL, Rasmussen SA, Waller DK, Pober BR, Anderka M, and the National Birth Defects Prevention Study. Nutrient intakes in women and congenital diaphragmatic hernia in their offspring. *Birth Defects Res A Clin Mol Teratol.* 2008; 82(3): 131-8.

## 2007

197. Alwan S, Reefhuis J, Rasmussen SA, Olney RS, Friedman JM for the National Birth Defects Prevention Study. Use of selective serotonin-reuptake inhibitors in pregnancy and the risk of birth defects. *N Engl J Med* 2007;356:2684-92.
198. Botto LD, Lin AE, Riehle-Colarusso T, Malik S, Correa A and National Birth Defects Prevention Study. Classifying and evaluating congenital heart defects in etiologic studies: Experience from the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol* 2007; 79(10):714-27.
199. Browne ML, Bell EM, Druschel CM, Gensburg LJ, Mitchell AA, Lin AE, Romitti PA, Correa A, and the National Birth Defects Prevention Study. Maternal caffeine consumption and risk of cardiovascular malformations. *Birth Defects Res A Clin Mol Teratol* 2007; 79(7):533-543.
200. Carmichael SL, Shaw GM, Laurent C, Olney RS, Lammer EJ, and the National Birth Defects Prevention Study. Maternal reproductive and demographic characteristics as risk factors for hypospadias. *Paediatric and Perinatal Epidemiology*, 2007;21:210-218.
201. Carmichael SL, Shaw GM, Ma C, Werler MM, Rasmussen SA, Lammer EJ. Maternal corticosteroid use and orofacial clefts. *Am J Obstet Gynecol.* 2007; 197:585.e1-585.e7.
202. Honein M, Rasmussen SA, Reefhuis J, Romitti PA, Lammer E, Sun L, Correa A. Maternal smoking and environmental tobacco smoke exposure and the risk of orofacial clefts, National Birth Defects Prevention Study, 1997-2001. *Epidemiology* 2007; 18(2):226-33.
203. Malik S, Cleves MA, Zhao W, Correa A, Hobbs CA. Association between congenital heart defects and small for gestational age. *Pediatrics.* 2007; 119:e976-e982.
204. Rasmussen SA, Yazdy MM, Carmichael SL, Jamieson DJ, Canfield MA, Honein MA, and the National Birth Defects Prevention Study. Maternal thyroid disease as a risk factor for craniosynostosis. *Obstet Gynecol* 2007; 110:369-77.
205. Romitti PA, Sun L, Honein MA, Rasmussen SA, Correa A, Reefhuis J, and the National Birth Defects Prevention Study. Maternal periconceptional alcohol consumption and risk of orofacial clefts. *Am J Epidemiol* 2007. 166:775-785.
206. Shaw GM, Carmichael SL, Laurent C, Louik C, Finnell RH, Lammer EJ and National Birth Defects Prevention Study. Nutrient intakes in women and risks of anophthalmia and microphthalmia in their offspring. *Birth Defects Research Part A* 2007; 79:708-713.
207. The N, Honein MA, Caton AR, Moore C, Siega-Riz AM, Druschel CM. Risk factors for isolated biliary atresia, National Birth Defects Study, 1997-2002. *American Journal of Medical Genetics.* 2007 Oct; 143(19):2274-84.

208. Waller DK, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Gallaway MS, Correa A. Pre-pregnancy obesity: A risk factor for structural birth defects. *Arch of Pediatr Adolesc Med* 2007;161:745-50.

#### 2006

209. Carmichael SL, Shaw GM, Yang W, Laurent C, Herring A, Royle MH, Canfield M. National Birth Defects Prevention Study. Correlates of intake of folic acid-containing supplements among pregnant women. *Am J Obstet Gynecol*. 2006 Jan;194(1):203-10.
210. Crider KS, Reefhuis J, Woomert A, Honein MA. Racial and ethnic disparity in participation in DNA collection at the Atlanta site of the National Birth Defects Prevention Study. *Am J Epidemiol*. 2006 Oct 15;164(8):805-12. Epub 2006 July 28.
211. Reefhuis J, Rasmussen SA, Friedman JM. Selective serotonin reuptake inhibitors (SSRIs) and persistent pulmonary hypertension of the newborn [letter] *N Engl J Med* 354:2188-2189, 2006.
212. Shaw GM, Carmichael SL, Laurent C, Rasmussen SA. Maternal nutrient intakes and risks of orofacial clefts. *Epidemiology* 2006; 17:285-291.
213. Siega-Riz AM, Olshan AF, Werler MM, Moore C. Fat intake and the risk of gastroschisis. *Birth Defects Res A Clin Mol Teratol* 2006; 76(4):241-5. Epub 2006 Apr 1. PMID16575898.

#### 2005

214. Carmichael SL, Shaw GM, Laurent C, Lammer EJ, Olney RS, and the National Birth Defects Prevention Study. Hypospadias and maternal exposures to cigarette smoke. *Paediatric and Perinat Epidemiol*. 2005; 19(5):333-404.
215. Carmichael SL, Shaw GM, Laurent C, Croughan MS, Olney RS, Lammer EJ. Maternal progestin intake and risk of hypospadias. *Archives of Pediatrics & Adolescent Medicine*. 2005; 159:957-962.
216. Werler MM, Mitchell AA, Hernandez-Diaz S, Honein MA. Use of over-the-counter medications during pregnancy. *American Journal of Obstetrics and Gynecology*. 2005; 193:771-7.

#### 2004

217. Centers for Disease Control and Prevention. Evaluation of an Association between Loratadine and Hypospadias. *Morbidity and Mortality Weekly Report (MMWR)*. 2004; 53(10):219-221.
218. Cleves MA, Savell Jr VH., Raj S, Zhao W, Correa A, Werler MM, Hobbs CA. Maternal use of acetaminophen and nonsteroidal anti-inflammatory drugs (NSAIDs), and muscular ventricular septal defects. *Birth Defects Research (Part A) Clin Mol Teratol*. 2004; 70:107-113.

#### 2003

219. Rasmussen SA, Olney RS, Holmes LB, Lin AE, Keppler-Noreuil KM, Moore CA, and the National Birth Defects Prevention Study. Guidelines for case classification for the National Birth Defects Prevention Study. *Birth Defects Research Part A*. 2003; 67(3):193-201.

**2002**

220. Rasmussen SA, Lammer EJ, Shaw GM, Finnell RH, McGehee RE, Gallagher M, Romitti PA, Murray JC and the National Birth Defects Prevention Study. Integration of DNA sample collection into a multi-site birth defects case-control study. *Teratology*. 2002; 66:177-84.

**2001**

221. Yoon PW, Rasmussen SA, Lynberg MC, Moore CA, Anderka M, Carmichael SL, Costa P, Druschel C, Hobbs CA, Romitti PA, Langlois PH, Edmonds LD. The National Birth Defects Prevention Study. *Public Health Reports*. 2001; 116:32-40.

## Published Abstracts/Presentations

### 2014

1. Lim H, Agopian AJ, Whitehead LW, Beasley CW, Langlois PH, Emery RJ, Waller DK and the National Birth Defects Prevention Study. 0306 Parental occupational exposure to ionizing radiation and selected birth defects in the US. *Occup Environ Med.* 2014;71:A105.

### 2013

2. Agopian AJ, Lupo PJ, Canfield MA, Mitchell LE; National Birth Defects Prevention Study. Maternal Use of Swimming Pools and Risk for Birth Defects in Offspring, National Birth Defects Prevention Network and National Birth Defects Prevention Study Annual Meeting. Atlanta, GA, Feb 2013.
3. Botto LD: Maternal diet quality and risk for congenital heart defects. Presented at the 40<sup>th</sup> International Clearinghouse for Birth Defects Surveillance and Research, San Jose, Costa Rica. Dec 5, 2013.
4. Browne M, Van Zutphen A, Richardson S, Druschel D, Blossom S, Broussard C, Carmichael S. Maternal autoimmune disease and selected defects in the National Birth Defects Prevention Study. Poster presented at the joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2013 Annual Meeting*, Atlanta, GA, February 25-27, 2013.
5. Case A, Hoyt AT, Canfield MA, Wilkinson A. Periconceptional Risk Factors among Younger and Older Teens. Poster presented at the *Combined Annual Meeting of the National Birth Defects Prevention Network and the National Birth Defects Prevention Study*, Atlanta, GA, February 25-27, 2013.
6. Duwe KN, Alverson CJ, Callaghan W, Canfield MA, Correa A, Duke CW, Marshall E, Olney R, Reefhuis J, Romitti P, Gilboa S. Association between previous fetal loss and birth defects, National Birth Defects Prevention Study (NBDPS), 1997-2007. Presented at the *Combined Annual Meeting of the National Birth Defects Prevention Network and the National Birth Defects Prevention Study*, Atlanta, GA, February 25-27, 2013.
7. Feldkamp ML: Critical Congenital Heart Defects Screening: Birth Defects and Newborn Screening Program Interactions. Presented at the 16<sup>th</sup> National Birth Defects Prevention Network/National Birth Defects Prevention Study, Atlanta, Georgia. February 25, 2013.
8. Feldkamp ML. Raising Birth Defects Awareness- Parent Advisory Group. Presented at the 16<sup>th</sup> National Birth Defects Prevention Network/National Birth Defects Prevention Study, Atlanta, Georgia. February 25, 2013.

9. Feldkamp ML: Standards for Birth Defects Surveillance: Assessment Tools. Presented at the 16th National Birth Defects Prevention Network/National Birth Defects Prevention Study, Atlanta, Georgia. February 25, 2013.
10. Feldkamp ML: Diet quality and risk of gastroschisis. Presented at the 16th National Birth Defects Prevention Network/National Birth Defects Prevention Study, Atlanta, Georgia. February 26, 2013.
11. Feldkamp ML: Update on Risk Factors for Birth Defects. Presented at the 40th International Clearinghouse for Birth Defects Surveillance and Research, San Jose, Costa Rica. Dec 4, 2013.
12. Feldkamp ML: Diet quality and risk of gastroschisis. Presented at the 40th International Clearinghouse for Birth Defects Surveillance and Research, San Jose, Costa Rica. Dec 5, 2013.
13. Hobbs CA. Conotruncal heart defects and interactions between lifestyle factors and genetic variation in folate-related metabolic pathways. Oral presentation at *International Clearinghouse for Birth Defects Surveillance and Research 40<sup>th</sup> Annual Meeting*, San José, Costa Rica. December 4, 2013.
14. Hobbs CA. Genomic and epigenomic factors associated with nonsyndromic congenital heart defects. Oral presentation at *6<sup>th</sup> International Conference on Birth Defects and Disabilities in the Developing World*, Cebu, Phillipines. November 13, 2013.
15. Hobbs CA. Congenital heart defects, folic acid, and maternal dietary patterns: United States National Birth Defects Prevention Study. Oral presentation at *9<sup>th</sup> International Conference on Homocysteine and One-Carbon Metabolism Meeting*, Dublin, Ireland. September 9, 2013.
16. Hoyt AT, Canfield MA, Shaw GM, Waller DK, Duwe K, Ramadhani T, Anderka M, Scheuerle A, and the National Birth Defects Prevention Study. Association of Selected Socio-demographic and Acculturation Factors with Anotia/Microtia. Presented at the *Combined Annual Meeting of the National Birth Defects Prevention Network and the National Birth Defects Prevention Study*, Atlanta, GA, February 25-27, 2013.
17. Langlois PH, Hoyt AT, Lupo PJ, Lawson CC, Waters MA, Reefhuis J, Shaw GM, Desrosiers TA, Duwe KN, Gilboa SM, Moore CA, Correa A, Malik S, Romitti PA, Lammer EJ, Symanski E, Khoder ZG, Agopian AJ, Lee L, Mitchell LE, Finnell RH, and the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of selected birth defects; A summary of four papers from the National Birth Defects Prevention Study. Poster presented at the annual *Teratology Society Meeting* in Tucson AZ, June 2013.
18. Liberman RF, Luke B, Stern JE, Reefhuis J, Gopal D, Anderka M. Validation of Maternal Self-report of Assisted Reproductive Technology Use Among Massachusetts Participants in the National Birth Defects Prevention Study. Society for Perinatal Epidemiology Research, Boston, June 2013.
19. Lupo PJ, Mitchell LE, Canfield MA, Shaw GM, Olshan AF, Finnell RH, Zhu H; and the National Birth Defects Prevention Study. Maternal-Fetal Metabolic Gene-Gene Interactions and Risk of Neural Tube Defects. Poster presented at the *40<sup>th</sup> Annual Meeting of the International*

*Clearinghouse for Birth Defects Research and Prevention*. December 3-6, 2013. San Jose, Costa Rica.

20. Miquel-Verges F, Mosley BS, Block AS, Hobbs CA; National Birth Defects Prevention Study. Prematurity and small for gestational age associated with birth defects, national birth defects prevention study 1997-2007. Poster presented at 6<sup>th</sup> International Conference on Birth Defects and Disabilities in the Developing World, Cebu, Philippines. November 13, 2013.
21. Rocheleau CM, Bertke SJ, Lawson CC, Romitti PA, Desrosiers TA, Agopian AJ, Bell EM, Gilboa SM. Demographic, behavioral, and reproductive history differences by maternal working status before and during pregnancy: implications for reproductive studies. Oral presentation at the *National Birth Defects Prevention Network (NBDPN) Annual Meeting. Joint Meeting with the National Birth Defects Prevention Study (NBDPS)*. February 2013.
22. Rocheleau CM, Bertke SJ, Lawson CC, Romitti PA, Desrosiers TA, Agopian AJ, Bell EM, Gilboa SM. Demographic, behavioral, and reproductive history differences by maternal working status before and during pregnancy: implications for reproductive studies. Poster presented at the *46th Annual Meeting of the Society for Epidemiologic Research*. June 2013.
23. Stingone JA, Luben TJ, Daniels JL, Fuentes M, Richardson DB et al. *Investigating the impact of folic-acid supplement use on the relationship between exposure to PM<sub>2.5</sub> during early pregnancy and congenital heart defects*. 2013. Poster presented at Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting Boston, MA, June 18, 2013.
24. Stingone JA, Luben TJ, Daniels JL, Fuentes M, Richardson DB et al. *Maternal exposure to criteria air pollutants during early pregnancy and congenital heart defects in offspring*. 2013. Presentation at Society for Epidemiologic Research Annual Meeting Boston, MA, June 20, 2013.
25. Tang X, Nick T, Cleves MA, Erickson SW, Li M, Li J, MacLeod SL, Hobbs CA and the National Birth Defects Prevention Study. Conotruncal heart defects and interactions between lifestyle factors and folate and oxidative-stress related genetic variants. Poster presented at Arkansas Biosciences Institute Fall Research Symposium. University of Arkansas for Medical Sciences, Little Rock, AR. October 15, 2013.
26. Van Bennekom CM, Mitchell AA, Moore CA, Werler MM, and the National Birth Defects Prevention Study. Vasoactive exposures during pregnancy and risk of microtia. Poster presented at annual meeting of National Birth Defects Prevention Network, Atlanta, GA, February 2013.

## 2012

27. Brender J, Werler M, Kelley K, Vuong A, Shinde M, Huber Jr. J, Sharkey J, Zheng Q, Suarez L, Langlois P, Canfield M, Romitti PA, Malik S; The National Birth Defects Prevention Study. (2011) Nitrosatable drugs, dietary nitrites, and neural tube defects. *Am J Epidemiol* 173 (Suppl 11):S210.

28. Brender J, Weyer P, Romitti P, Horel S, Kantamneni J, Shinde M, Vuong A, Huber J, Sharkey J, Langlois P, Suarez L, Canfield M. Prenatal nitrate intake from drinking water and selected birth defects in offspring. *Epidemiology* 2012; 23(supp 5):s148.
29. Brender J, Weyer P, Romitti P, Horel S, Kantamneni J, Shinde M, Vuong A, Huber C, Sharkey P, Langlois P, Canfield M, Suarez L, and the National Birth Defects Prevention Study. Prenatal nitrate intake from drinking water and birth defects in offspring. Poster presented at the *45th Annual Meeting of the Society for Epidemiologic Research*. June 27-30, 2012. Minneapolis, MN.
30. Case A, Royle M, Scheuerle A, Carmichael S, Moffitt K, Ramadhani T. Attribution Theory, Ethnicity, and Beliefs about Causes of Birth Defects. Oral presentation, *Texas Birth Defects Research Symposium*, November 15, 2012.
31. Cassell CH, KA Lee, D Mendez, RP Strauss, RE Meyer. Factors associated with time and distance traveled to cleft and craniofacial care. Poster presented at the joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, Arlington, VA, February 27-29, 2012.
32. Carmichael SL, Yang W, Shaw GM. (2012) Maternal dietary nutrient intake and risk of preterm delivery. *Pediatric Academic Societies annual meeting*, Boston, MA, May, 2012; *Society for Pediatric and Perinatal Epidemiologic Research*, Minneapolis, June, 2012.
33. Dawson AL, Tinker SC, Jamieson DJ, Hobbs CA, Berry RJ, Anderka MT, Keppler-Noreuil KM, Lin AE, Reefhuis J, and the National Birth Defects Prevention Study. Twinning and major birth defects, National Birth Defects Prevention Study, 1997-2007. Poster presentation at the National Birth Defects Prevention Network meeting in Washington, D.C. February 2012.
34. Desrosiers TA. (2012) Maternal occupational exposure to organic solvents and selected congenital anomalies Poster at joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, February 27-29, 2012 in Arlington, VA.
35. Desrosiers TA, Lawson CC, Meyer RE, Richardson DB, Daniels JL, Waters MA, van Wijngaarden E, Langlois PH, Romitti PA, Correa A, Olshan AF, and the National Birth Defects Prevention Study. Maternal occupational exposure to organic solvents and risk of neural tube defects and orofacial clefts. Poster abstract accepted for joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, February 27 - 29, 2012, in Arlington, VA.
36. Duwe KN, Alverson CJ, Callaghan W, Canfield M, Correa A, Duke CW, Marshall E, Olney R, Reefhuis J, Romitti P, Gilboa S. Association between previous fetal loss and birth defects, National Birth Defects Prevention Study (NBDPS), 1997-2007. Poster presented at the *45th Annual Meeting of the Society for Epidemiologic Research*. June 27-30, 2012. Minneapolis, MN.
37. Erickson S, Chowdhury S, MacLeod SL, Cleves MA, Melnyk S, James SJ, Hu P, Hobbs CA. Interactions between maternal genotypes and metabolites are associated with incidence of congenital heart defects. Poster presentation at *American Society of Human Genetics, Annual meeting*, San Francisco, November 9, 2012.
38. Funk W, Sauter D, Olshan A, McDade T, Ghio A. Development of a method for assessing prenatal exposures to heavy metals using state-archived dried blood spots. Poster presented at *PPTOX III*:



*Environmental Stressors in the Developmental Origins of Disease: Evidence and Mechanisms.*  
Paris, France, May 14-16, 2012.

39. Glidewell MJ, J Reefhuis, SA Rasmussen, A Woomert, PA Romitti, C Hobbs, KS Crider, and the National Birth Defects Prevention Center. Factors affecting maternal participation in the genetic component of the National Birth Defects Prevention Study, United States, 1997-2007. Poster presented at the joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, Arlington, VA, February 27-29, 2012.
40. Hobbs CA. Maternal epigenetic factors in congenital heart defects. Presented at the Cardiovascular Joint Conference, Arkansas Children's Hospital, Little Rock, Arkansas, April 2, 2012.
41. Huber Jr. J, Zheng Q, Sharkey J, Brender J, Vuong A, Shinde M, Suarez L, Langlois P, Canfield M, Romitti PA, Malik S; The National Birth Defects Prevention Study. (2011) Dietary nitrates, nitrites and nitrosatable compounds and neural tube defects, oral clefts and limb deficiencies. *Am J Epidemiol* 173 (Suppl 11):S297.
42. Huiping Z, PJ Lupo, C Chapa, Wei Lu, AJ Agopian, LE Mitchell, GM Shaw, K Waller, A Olshan, RH Finnell, MA Canfield. Diabetes and obesity-related genes and risk of neural tube defects in the NBDPS. Poster presented at the joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, Arlington, VA, February 27-29, 2012.
43. Kingsley R, Martin R, Canfield MA, Bensyl D, Case AP, Farag NH. Health Indicators among Women Before Pregnancy—Texas, 2002–2010. International Clearinghouse for Birth Defects Prevention & Research (ICBDSR) and Canadian Congenital Anomalies Surveillance Network (CCASN) Joint Annual Scientific Meeting October 30-November 2 2012 Ottawa.
44. Knight JH, CH Cassell, RP Strauss, M Marcus, V White, EE Howell, RE Meyer. “Academic Outcomes among School-Aged Children with and without Cleft Lip/Palate.” Presented at the *69th Annual Meeting of the American Cleft Lipate-Craniofacial Association*, San Jose, CA, April 17-21, 2012.
45. Knight KH, CH Cassell, M Marcus, V White, EE Howell, RE Meyer, RP Strauss. Parent-reported academic outcomes among school-aged children with and without orofacial clefts in North Carolina. Poster presented at the joint National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting, Arlington, VA, February 27-29, 2012.
46. Langlois PH et al. (2012). Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of birth defects. Oral presentation, Texas Birth Defects Research Symposium, November 15, 2012.
47. Langlois PH, AT Hoyt, PJ Lupo, CC Lawson, MA Waters, TA Desrosiers, GM Shaw, PA Romitti, EJ Lammer, and the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of oral cleft-affected pregnancies. Poster presented at the joint *National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting*, Arlington, VA, February 27-29, 2012.
48. Lin S, Kielb C, Herdt-Losavio M, Bell E, Druschel C, Romitti P, Rocheleau C\*, Lawson C, Waters M, Stewart P, Olney R. (2011) Maternal Occupational Exposure to Pesticides and the Risk of Musculoskeletal Birth Defects: A Preliminary Analysis. *Birth Defects Res A Clin Mol Teratol* 91:351. doi: 10.1002/bdra.20834

49. Lind JN, Tinker SC, Broussard CS, Reefhuis J, Carmichael SL, Honein MA, Olney RS, Parker SE, Werler MM. Maternal Medication and Herbal Use and Risk of Hypospadias: Data from the National Birth Defects Prevention Study, 1997–2007. International Conference on Pharmacoepidemiology and Therapeutic Risk Management 2012.
50. Luben TJ, Siega-Riz AM, Herring A, Aylsworth AS, and the National Birth Defects Prevention Study. The effect of maternal water consumption during pregnancy on birth defects. Poster Presentation. *Society for Pediatric and Perinatal Epidemiologic Research (SPER) Annual Meeting*. Minneapolis, MN, June 25-27, 2012.
51. Lupo PJ, Symanski E, Langlois PH, Gilboa SM, Malik S, Lawson CC, Agopian A, Correa A, Desrosiers T, Romitti PA, Shaw GM, Mitchell LE; The National Birth Defects Prevention Study. (2011) Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and congenital heart defects (CHDs) in offspring. *Am J Epidemiol* 173 (Suppl 11):S189.
52. Lupo PJ, Langlois PH, Symanski E, Finnell RH, Reefhuis J, Agopian A, Lawson CC, Duwe KN, Moore CA, Romitti PA, Shaw GM, Mitchell LE; The National Birth Defects Prevention Study. (2011) Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and gastroschisis in offspring. *Am J Epidemiol* 173 (Suppl 11):S190.
53. Ma C, Shaw GM, Scheuerle AE, Canfield MA, Carmichael SL, and National Birth Defects Prevention Study. (2012). Association of microtia with maternal nutrition. *Teratology June, 2012*.
54. Parker SE, Werler MM, Shaw GM, Anderka M, Yazdy MM, and the National Birth Defects Prevention Study. Dietary Glycemic Index and the Risk of Birth Defect. National Birth Defects Prevention Network annual meeting, Washington, D.C. February 2012.
55. Romitti PA for the NBDPS Cough Medications Work Group. Cough medications and birth defects. Presented at *NBDPN 15<sup>th</sup> Annual Meeting*.
56. Sanders A. “Toxic Metals and You, your Mother and your Child.” Seminar presented at *Environmental Sciences and Engineering (ESE) Seminars*, University of North Carolina at Chapel Hill-Chapel Hill. February 15, 2012.
57. Sanders AP, TA Desrosiers, AH Herring, AF Olshan, R Meyer, RC Fry. Association between toxic metals in private wells and birth defects prevalence. Poster presented at the joint National Birth Defects Prevention Network/National Birth Defects Prevention Study 2012 Annual Meeting, Arlington, VA, February 27-29, 2012. AWARD WINNING; First Place NBDPN poster award.
58. Stingone J. “Exploring the Relationship Between Exposure to Air Pollutants and Cardiac Birth Defects: Should We Be Telling Women to Watch What They Breathe?” (preliminary results). Seminar presented at *Reproductive, Perinatal, and Reproductive Epidemiology (RPPE) meeting*, University of North Carolina at Chapel Hill-Chapel Hill, February 1, 2012.
59. Van Bennekom CM, Mitchell AA, Moore CA, Werler MM. Microtia: findings suggest no association with vasoactive medications. [Abstract] *Pharmacoepidemiol Drug Saf* 2012;21 (Suppl. 3):15. Oral presentation, 28th annual International Conference on Pharmacoepidemiology, Barcelona, Spain, August 2012.
60. Weyer P, Romitti P, Islam M, Bell E, Browne M, Luben T, Meyer R, Langlois P, Anderka M, Feldkamp M, Mosley B, Hobbs C, Reefhuis J, Tinker S. Drinking water disinfection byproducts and orofacial clefts: preliminary analysis. Presented at *NBDPN 15<sup>th</sup> Annual Meeting*.
61. Weyer P, Brender J, Horel S, Kantamneni J, Sharkey J, Shinde M, Vuong A, Langlois P, Romitti P. (2012) Exposure assessment methods for drinking water nitrate in the National Birth Defects

Prevention Study *Am J Epidemiol* 175 (Suppl 11):S18. doi: 10.1093/aje/kws258. Presented as a poster in the *SER 45<sup>th</sup> Annual Meeting*.

62. Weyer P, Romitti P, Horel S, Kantamneni J, Shinde M, Vuong A, Huber, Jr. J, Sharkey J, Langlois P, Canfield M, Suarez L, National Birth Defects Prevention Study. Prenatal nitrate intake from drinking water and selected birth defects in offspring. *Am J Epidemiol* 2012; 175(11 Suppl):S57.
63. Yang W, Carmichael SL, Tinker SC, Shaw GM, & the National Birth Defects Prevention Study. (2012). Association between weight gain during pregnancy and neural tube defects and gastroschisis in offspring. *Teratology* June, 2012
64. Zhou J. Nonparametric Bayes methods for estimation in high-dimensional contingency tables. Poster presented 6/28/2012 at the *11<sup>th</sup> World Meeting of the International Society for Bayesian Analysis (ISBA)*. Kyoto, Japan. June 25-29, 2012.
65. Zhu H, Lupo PJ, Mitchell LE, Canfield MA, Shaw G, Waller K, Correa A, Olshan A Finnell RH, and the National Birth Defects Prevention Study. Maternal Diabetes/Obesity and Neural Tube Defects: The Genetic Link. Presented at the 6th International Symposium on Diabetes & Pregnancy. Oral presentation, *Texas Birth Defects Research Symposium*, November 15, 2012.

## 2011

66. Agopian AJ, Canfield MA, Olney RS, Lupo PJ, Ramadhani T, Mitchell LE, Shaw GM, Moore CA, and the National Birth Defects Prevention Study. Maternal race/ethnicity and sub-phenotypes of spina bifida in the National Birth Defects Prevention Study (NBDPS). Presented as at the *International Neural Tube Defects Symposium*, Austin, Texas, November 6-9, 2011.
67. Agopian AJ, Canfield MA, Olney RS, Lupo PJ, Ramadhani T, Mitchell LE, Shaw GM, Moore CA, and the National Birth Defects Prevention Study. Maternal race/ethnicity and sub-phenotypes of spina bifida in the National Birth Defects Prevention Study (NBDPS). Presented as poster at the *24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research*. June 20-21, 2011, Montreal, Quebec, Canada.
68. Agopian AJ, Canfield MA, Olney RS, Lupo PJ, Ramadhani T, Mitchell LE, Shaw GM, Moore CA, National Birth Defects Prevention Study. Spina Bifida Subtypes and Sub-phenotypes by Maternal Race/Ethnicity in the National Birth Defects Prevention Study. *The 32<sup>nd</sup> David W. Smith Workshop on Malformations and Morphogenesis*. September 2011. Lake Arrowhead, California.
69. Agopian AJ, Eastcott LM, Mitchell LE. Age of Onset in Genome-wide Association Studies. *Third North American Congress of Epidemiology*. June 2011. Montreal, Quebec, Canada.
70. Agopian AJ, Eastcott LM, Mitchell LE. Age of Onset in Genome-wide Association Studies. *Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. June 2011. Montreal, Quebec, Canada.
71. Brender J, Werler M, Kelley K, Vuong A, Shinde M, Huber, Jr. J, Sharkey J, Zheng Q, Surez L, Langlois P, Canfield M, Romitti P, Malik S. Nitrosatable drugs, dietary nitrites, and neural tube defects. *3<sup>rd</sup> North American Congress of Epidemiology Conference/Annual Meeting of the Society for Epidemiologic Research (SER)*. June 22-24, 2011. Montreal, Quebec, Canada.

72. Brender J, Werler M, Kelley K, Vuong A, Shinde M, Huber Jr. J, Sharkey J, Zheng Q, Suarez L, Langlois P, Canfield M, Romitti PA, Malik S, The National Birth Defects Prevention Study. Nitrosatable drugs, dietary nitrites, and neural tube defects. Presented as a poster at the 24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER).
73. Carmichael SL, Yang W, Feldkamp ML, Munger RG, Siega-Riz AM, Botto LD, Shaw GM. Diet quality and neural tube defects and orofacial clefts. *Society for Pediatric and Perinatal Epidemiologic Research*, Montreal, June, 2011; *Teratology Society*, Coronado, CA, June, 2011; *International NTD Meeting*, Austin, TX, September, 2011.
74. Caspers KM, Romitti PA, Bayman L, Lin S, Olney R, Werler MM, Holmes LB, and the National Birth Defects Prevention Study. (2011) Maternal periconceptional exposure to cigarette smoking and limb deficiencies. *Am J Epidemiol* 173 (Suppl 11):S136. Poster presentation at the *Society for Epidemiologic Research 44<sup>th</sup> Annual Meeting / 3<sup>rd</sup> North American Congress of Epidemiology*.
75. Caspers KM, Romitti PA, Bayman L, Lin S, Olney R, Werler MM, Holmes LB, and the National Birth Defects Prevention Study. (2011) Maternal periconceptional exposure to cigarette smoking and limb deficiencies. Poster presentation at the 24<sup>rd</sup> Annual Society for Pediatric and Perinatal Epidemiologic Research Meeting.
76. Desrosiers TA., (2011) Maternal occupational exposure to organic solvents and selected congenital anomalies. Poster presented at Society for Pediatric and Prenatal Epidemiologic Research (SPER). Montreal, Canada; June 2011.
77. Desrosiers, TA. "Maternal occupational exposure to organic solvents during early pregnancy and selected congenital anomalies". Poster presented at annual meeting of *North American Congress of Epidemiology* (SER). Montreal, Canada, June 2011.
78. Duong H, Canfield MA, Hoyt A, Waller DK. Structural Malformations and Hot Tubs. Presented at the *International Neural Tube Defects Symposium*, Austin, Texas, November 6-9, 2011.
79. Erickson SW. Maternal Genotypes and Folate-Related Metabolites Implicated in Congenital Heart Defects. Presented at the *UAMS Department of Biostatistics*, Little Rock, AR, September 6, 2011.
80. Feldkamp ML, Srisukhumbowornchai S, Olney R, Romitti P, Richardson SD, Botto LD. Self-reported periconceptional maternal tobacco exposure and the risk for omphalocele. Presented as a poster at the *ICBD 5<sup>th</sup> Int'l Conference*.
81. Glidewell MJ, Reefhuis J, Rasmussen SA, Woomert A, Romitti PA, Crider KS, The National Birth Defects Prevention Study. Participation in the genetic component of the National Birth Defects Prevention Study, 1997-2007. Presented as a poster at the 24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER).
82. Gordon VK, Hobbs CA, Cleves MA, MacLeod SL, Erickson SW. Maternal genetics, obesity, and non-syndromic heart defects. Poster presented at *UAMS Student Research Day*, Little Rock, AR, April 11, 2011.
83. Hobbs CA. Maternal epigenetic and genetic factors in congenital heart defects. Mexican Association of Human Genetics. Presented at *Genomics of Congenital Malformations Symposium*. Merida, Yucatan, November 16-19, 2011.

84. Hobbs CA. Congenital heart defects and haplotype tagging SNPs in folate-related pathways. Presented at *Genomics of Congenital Malformations Symposium*. Merida, Yucatan, November 16-19, 2011.
85. Hobbs CA. Public Health Genomics: case studies in neonatal health. Presented at *Arkansas Department of Health, County Health Officer Symposium*. Winthrop Rockefeller Institute, Petit Jean, AR, October 16, 2011.
86. Hobbs CA. Advances in Genomics, Epigenomics, and National Pediatric Studies. Presented at *Arkansas Biosciences Institute Fall Research Symposium*. Little Rock, AR, September 21, 2011.
87. Hobbs CA. Birth defects and neonatal health: old questions, new tools. Presented at *Arkansas Department of Health Grand Rounds*. Little Rock, AR, April 21, 2011.
88. Hobbs CA. Birth defects and neonatal health: old questions, new tools. Presented at the *University of Arkansas for Medical Sciences, College of Medicine*. Little Rock, AR, March 15, 2011.
89. Huber Jr. J, Zheng Q, Sharkey J, Brender J, Vuong A, Shinde M, Suarez L, Langlois P, Canfield M, Romitti PA, Malik S; The National Birth Defects Prevention Study. (2011) Dietary nitrates, nitrites and nitrosatable compounds and neural tube defects, oral clefts and limb deficiencies. *Am J Epidemiol* 173 (Suppl 11):S297.
90. Huber, Jr, Q Zheng, J Sharkey, J Brender, A Vuong, M Shinde, L Suarez, P Langlois, M Canfield, P Romitti, S Malik, and the National Birth Defects Prevention Study. Dietary Nitrates, Nitrites and Nitrosatable Compounds and Neural Tube Defects, Oral Clefts and Limb Deficiencies. Poster presented at the *SER 44<sup>th</sup> Annual Meeting/ 3<sup>rd</sup> North American Congress of Epidemiology*.
91. Kancherla V, Romitti PA, Sun L, Burns TL, Carey JC, Siega-Riz AM, Druschel CM, Lin A. Epidemiology of Choanal Atresia
92. The National Birth Defects Prevention Study. Poster presented at the annual meeting of the *Society for Pediatric & Perinatal Epidemiologic Research (SPER)*, in Montreal, Canada, June 2011.
93. Kancherla V, Romitti PA, Burns TL, Carey JC, Siega-Riz AM, Druschel CM, Lin A, Sun L; The National Birth Defects Prevention Study. (2011) Epidemiology of choanal atresia: The National Birth Defects Prevention Study. *Am J Epidemiol* 173 (Suppl 11):S134. *Poster presentation at SER 44<sup>th</sup> Annual Meeting / 3<sup>rd</sup> North American Congress of Epidemiology*.
94. Khodr ZG, Lupo PJ, Canfield MA, Case AP, Agopian A, Carmichael SL, Shaw GM, Royle MH, Mitchell LE, and the National Birth Defects Prevention Study. Identification of Predictors for Preconceptional Folic Acid Supplementation. *Gulf Coast Women's Health Research Forum*, September 30, 2011, Houston, TX. Clinical Science Poster Award Winner.
95. Khodr ZG, Lupo PJ, Canfield MA, Case AP, Agopian A, Carmichael SL, Shaw GM, Royle MH, Mitchell LE, and the National Birth Defects Prevention Study. Identification of Predictors for Preconceptional Folic Acid Supplementation. *Seventh International Conference on Neural Tube Defects*, November 6-9, 2011, Austin, TX.
96. Langlois PH, Hoyt AT, Lupo PJ, Lawson CC, Waters MA, Desrosiers TA, Shaw GM, Romitti PA, Lammer EJ, the National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of neural tube defect-affected pregnancies. *International NTD Conference*, Austin TX, November 2011.

97. Lin S, Kielb C, Herdt-Losavio M, Bell E, Druschel C, Romitti P, Rocheleau C\*, Lawson C, Waters M, Stewart P, Olney R. (2011) Maternal Occupational Exposure to Pesticides and the Risk of Musculoskeletal Birth Defects: A Preliminary Analysis. *Birth Defects Res A Clin Mol Teratol* 91:351. doi: 10.1002/bdra.20834
98. Lin S, Kielb C, Herdt-Losavio M, Bell E, Druschel C, Romitti P, Rocheleau\*C, Lawson C, Waters M, Stewart P, Olney R. Maternal occupational exposure to pesticides and the risk of musculoskeletal birth defects: a preliminary analysis. Presented as a poster at the *Teratology Society 51<sup>st</sup> Annual Meeting*.
99. Lupo PJ, Langlois PH, Symanski E, Finnell RH, Reefhuis J, Agopian A, Lawson CC, Duwe KN, Moore CA, Romitti PA, Shaw GM, Mitchell LE; The National Birth Defects Prevention Study. (2011) Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and gastroschisis in offspring. *Am J Epidemiol* 173 (Suppl 11):S190. Presented as a poster at the *SER 44<sup>th</sup> Annual Meeting/ 3<sup>rd</sup> North American Congress of Epidemiology*
100. Lupo PJ, Langlois PH, Symanski E, Finnell RH, Reefhuis J, Agopian A, Lawson CC, Duwe KN, Moore CA, Romitti PA, Shaw GM, Mitchell LE, The National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and gastroschisis in offspring. Presented as a poster at the *24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*.
101. Lupo PJ, Mitchell LE, Canfield MA, Shaw GM, Waller DK, Correa A, Olshan AF, Finnell RH, Zhu H. Glucose homeostasis genes and the risk of neural tube defects in the National Birth Defects Prevention Study. Poster presented at the *24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*. June 2011, Montreal, Quebec, Canada.
102. Lupo PJ, Symanski E, Langlois PH, Gilboa SM, Malik S, Lawson CC, Agopian A, Correa A, Desrosiers T, Romitti PA, Shaw GM, Mitchell LE; The National Birth Defects Prevention Study. (2011) Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and congenital heart defects (CHDs) in offspring. *Am J Epidemiol* 173 (Suppl 11):S189. Presented as poster at the *SER 44<sup>th</sup> Annual Meeting / 3<sup>rd</sup> North American Congress of Epidemiology*.
103. Lupo PJ, Symanski E, Langlois PH, Gilboa SM, Malik S, Lawson CC, Agopian A, Correa A, Desrosiers T, Romitti PA, Shaw GM, Mitchell LE; The National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons (PAHs) and congenital heart defects (CHDs) in offspring. Presented as poster at the *24<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*.
104. Lupo PJ, Symanski E, Langlois PH, Gilboa SM, Malik S, Lawson CC, Agopian A, Correa A, Desrosiers TA, Romitti PA, Shaw GE, Mitchell LE, National Birth Defects Prevention Study. Maternal occupational exposure to polycyclic aromatic hydrocarbons and the risk of congenital heart defects in offspring. *The 3rd North American Congress of Epidemiology*. June 21-24, 2011. Montreal, Quebec, Canada.

105. Meyer RE. "From research to prevention: National Birth Defects Prevention Study results ready for translation." Presented at the *14th Annual Meeting of the National Birth Defects Prevention Network*, Orlando, FL, February 28 - March 2, 2011.
106. Meyer RE, TA Desrosiers, AM Siega-Riz. "Restricted carbohydrate intake and neural tube defects: preliminary results from the National Birth Defects Prevention Study." Poster presented at the *14th Annual Meeting of the National Birth Defects Prevention Network*, Orlando, FL, February 28 - March 2, 2011.
107. Romitti P, Malik S, the National Birth Defects Prevention Study. Dietary Nitrates, Nitrites and Nitrosatable Compounds and Neural Tube Defects, Oral Clefts and Limb Malformations. Poster presented at the *3<sup>rd</sup> North American Congress of Epidemiology Conference/Annual Meeting of the Society for Epidemiologic Research*. June 22-24, 2011. Montreal, Quebec, Canada.
108. Sharkey J, Brender J, Horel S. Nitrate exposure to Mexican American women of childbearing age from bottled water and maquina de aqua. *Epidemiology* 2011; 22 (suppl):S162.
109. Waller DK, Duong HT, Hashmi SS, Ramadhani T, Scheuerle A, Canfield MA. Maternal use of hot tubs and major structural birth defects. Presented at the *International Neural Tube Defects Symposium*. November 6-9, 2011. Austin, Texas.
110. Waller DK, Duong HT, Hashmi SS, Ramadhani T, Scheuerle A, Canfield MA. Maternal use of hot tubs and major structural birth defects. *The Teratology Society 51st Annual Meeting*. June 25-29, 2011. San Diego, California.
111. Weyer P, Brender J, Horel S, Kantamneni J, Sharkey J, Shinde M, Vuong A, Langlois P, Romitti P. (2012) Exposure assessment methods for drinking water nitrate in the National Birth Defects Prevention Study *Am J Epidemiol* 175 (Suppl 11):S18. doi: 10.1093/aje/kws258
112. Zhu H, Lupo PJ, Mitchell LE, Canfield MA, Shaw G, Waller K, Correa A, Olshan A Finnell RH, and the National Birth Defects Prevention Study. Maternal Diabetes/Obesity and Neural Tube Defects: The Genetic Link. Presented at the *6<sup>th</sup> International Symposium on Diabetes & Pregnancy*. March 23-26, 2011, Salzburg, Austria.

## 2010

113. Ahrens K, Yazdy MM, Mitchell AA, Werler MM. Folic Acid Intake and Spina Bifida in the Era of Dietary Folic Acid Fortification. Platform presentation at *23rd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*, Seattle, WA, June 2010.
114. Anderka M, Flaherty K, Higgins C, Wolfgang M, Borger C, Getz K. Incorporating Prenatally Diagnosed Cases into a Population-Based Birth Defects Surveillance Program. *National Birth Defects Prevention Network*, Washington DC, Poster, March 10, 2010.
115. Canfield MA, Ramadhani T, Waller DK, Correa A, Royle M. Pregnancy related behavioral risk factors: the difference between US and foreign born parents among racial/ethnic groups.. *16<sup>th</sup> Annual Maternal and Child Health Epidemiology Conference*, San Antonio, TX, December 15-17, 2010.
116. Canfield MA. National Birth Defects Prevention Study: Race, Ethnicity, Nativity and Acculturation: Recent Findings and Ongoing Projects. Presented in a session on the National Birth Defects Prevention Study at the *13<sup>th</sup> Annual Meeting of the National Birth Defects Prevention Network*, Washington, DC, March 8-10, 2010. [Invited speaker]

117. Carmichael SL, Cogswell M, Ma C, Olney RS, Correa A, Shaw GM. Hypospadias and maternal phytoestrogen intake. *American College of Epidemiology*, San Francisco, CA, September, 2010.
118. Carmichael SL, Ma C, Correa A, Olney RS, Shaw GM. Hypospadias and potentially estrogenic nutrients. *Society for Pediatric and Perinatal Epidemiologic Research*, Seattle, CA, June 2010; and the *National Birth Defects Prevention Network Annual Meeting*, Washington, DC, February, 2010.
119. Case A, Royle M, Scheuerle A, Carmichael S, Mitchell L. What Do You Think Causes Birth Defects? A Content Analysis of Mothers' Responses in the National Birth Defects Prevention Program Study. *16<sup>th</sup> Annual Maternal and Child Health Epidemiology Conference*, San Antonio, TX, December 15-17, 2010.
120. Caspers KM, Oltean C, Romitti PA, Sun L, Pober B, Rasmussen SA, Yang W, Druschel CM, and the NBDPS. (2010) Maternal periconceptional exposure to cigarette smoking and alcohol consumption and congenital diaphragmatic hernia. (Poster presentation at the *23<sup>rd</sup> Annual Society for Pediatric and Perinatal Epidemiologic Research Meeting*).
121. Caton AR, Bell EM, Druschel CM, Werler MM, Browne ML, McNutt LA, Romitti PA. Periconceptional beta blocker use and severe hypospadias. Poster Presentation, *Society for Epidemiologic Research 43rd Annual Meeting*, Seattle, Washington, June 2010.
122. Caton AR, Bell EM, Druschel CM, Werler MM, Browne ML, McNutt LA, Romitti PA. Antihypertensive medication use during pregnancy and the risk of orofacial clefts. Poster Presentation, *Society for Pediatric and Perinatal Epidemiologic Research 23rd Annual Meeting*, Seattle, Washington, June 2010.
123. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Maternal hypertension, antihypertensive medication use, and the risk of selected birth defects, Oral Presentation, *Annual Meeting of the Centers for Birth Defects Research and Prevention*, Decatur, Georgia, January 2010.
1. Feldkamp ML, Gastroschisis: A Journey to Discover the Pieces of the Puzzle Presented at the *50th Teratology Society Meeting*, Louisville, Kentucky June 27, 2010.
2. Feldkamp ML, Carey JC, Pimentel R, Krikov S, Botto LD, Is gastroschisis truly a sporadic defect? Familial cases of gastroschisis in Utah, 1997 to 2008. Presented at the Society for Pediatric and Perinatal Epidemiology June 2010, David W. Smith Workshop, August 29, 2010 and the *International Clearinghouse for Birth Defects Surveillance and Research*, November 1, 2010.
124. Hartman R, Colarusso T, Lin A, Frías J, Patel S, Duwe K, Correa A, Rasmussen S. Descriptive Study of Atrioventricular Septal Defects in the National Birth Defects Prevention Study, 1997-2005. *National Birth Defects Prevention Network*, March 10, 2010, Washington, D.C., Poster.
125. Hobbs CA. National Birth Defects Prevention Study Focus on Over-the-Counter and Prescription Medications. *50<sup>th</sup> Annual Meeting of The Teratology Society in conjunction with the 23<sup>rd</sup> Annual education conference Organization of Teratology Information Specialists*. Louisville, KY. June 2010.
126. Hobbs CA, Cleves MA, MacLeod S, Erickson S. Conotruncal Heart Defects Associated with SNPs in 61 Genes in Three Folate-Related Candidate Pathways. Presented at *Pediatric Academic Societies Meeting*. Vancouver, British Columbia, May 2010.



127. Keppler-Noreuil K, Caspers KM, Sun L, Carey JC, Romitti PA and the National Birth Defects Prevention Study. (2010) Clinical and risk factor analysis of cloacal exstrophy in the National Birth Defects Prevention Study (NBDPS). (Oral presentation at the *31st Annual David W. Smith Workshop on Malformations and Morphogenesis*).
128. Lin AE, Krikov S, Riehle-Colarusso T, Belmont J, Geva T, Anderka M, Botto LD. Laterality Defects in the National Birth Defects Prevention Study: Descriptive Epidemiology. *Am College Med Genet*, March 26, 2010, Albuquerque, NM, Poster.
129. Lin AE, Krikov S, Riehle-Colarusso T, Belmont J, Geva T, Anderka M, Getz K, Botto LD. Laterality Defects in the National Birth Defects Prevention Study: Occurrence, Racial/Ethnic Analysis, and Defect Patterns. *David W. Smith Workshop on Malformations and Morphogenesis*, August 28, 2010, Alderbrook, WA, Poster.
130. Ma C, Carmichael SL, Scheuerle AC, Canfield MA, Shaw GM. Anotia and microtia in infants associated with maternal obesity and periconceptional folic acid use. *Society for Pediatric and Perinatal Epidemiologic Research*, Seattle, CA, June 2010.
131. Ramadhani T. The association between pregnancy-related risk factors and nativity status, by race/ethnicity. *16<sup>th</sup> Annual Maternal and Child Health Epidemiology Conference*. December 15-17, 2010, San Antonio, TX.
132. Ramadhani T, Short V, Canfield MA, Waller DK, Royle M, Correa A, Scheuerle A and the National Birth Defects Prevention Study Birth defects in Non-Hispanic Blacks: Are they Related to Mothers' Nativity? Presented as poster at the *Annual Meeting of the National Centers for Birth Defects Research and Prevention*, January 26-27, 2010, Decatur, GA.
133. Rocheleau C, Romitti PA, Sanderson W, Bell E, Druschel CM. (2010) Effect of survey instrument on participation: a randomization study of a mailed questionnaire versus a computer-assisted telephone interview. *Am J Epidemiol* 171 (Suppl 11):S146. Poster presentation at the *43<sup>rd</sup> Annual Society for Epidemiologic Research Meeting*.
134. Rocheleau CM, Romitti PA, Sanderson WT, Lawson CC, Sun L, Waters MA, Stewart PA, Reefhuis J, Olney RS, and the National Birth Defects Prevention Study. (2010) Maternal occupational pesticide exposure and risk of hypospadias in the National Birth Defects Prevention Study. (Poster presentation at the *23<sup>rd</sup> Annual Society for Pediatric and Perinatal Epidemiologic Research Meeting*).
135. Romitti PA, Druschel CM, Sun L, Browne ML, Botto LD, Lin AE, and the National Birth Defects Prevention Study (NBDPS). (2010) Maternal periconceptional alcohol consumption and cardiovascular malformations (CVM)s. *Am J Epidemiol* 171 (Suppl 11):S9. Poster presentation at the *43<sup>rd</sup> Annual Society for Epidemiologic Research Meeting*.

## 2009

136. Anderka M. Using the NBDPS to study maternal medication use in pregnancy. *National Birth Defects Prevention Network Annual Meeting*. February 2009.
137. Broussard CS, Louik C, Reefhuis J, Moore CA, Honein MA. Association of Periconceptional Ginkgo Biloba Use with Selected Major Birth Defects. *National Birth Defects Prevention Network Annual Meeting*, Feb 2009, Nashville, TN.

138. Broussard CS, Rasmussen SA, Reefhuis J, Riehle-Colarusso T, Friedman JM, Jann MW, Honein MA, and the National Birth Defects Prevention Study. Early-Pregnancy Opioid Analgesic Treatment and Risk for Congenital Heart Defects. *International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, August 2009, Providence, RI; *David W. Smith Meeting on Malformations and Morphogenesis*, August 2009, Philadelphia, PA; *Annual Meeting of the Teratology Society*, July 2009, Puerto Rico.
139. Broussard CS, Rasmussen SA, Reefhuis J, Riehle-Colarusso T, Friedman JM, Jann MW, Honein MA. Early-Pregnancy Opioid Analgesic Treatment and Risk for Congenital Heart Defects. *Pharmacoepidemiology and Drug Safety* 2009;18:S199-200.
140. Broussard CS, Rasmussen SA, Reefhuis J, Friedman JM, Jann MW, Honein MA. Early-Pregnancy Opioid Analgesic Treatment and Risk for Congenital Heart Defects. *Birth Defects Research (Part A)* 2009;85:411.
141. Broussard CS, Rasmussen SA, Reefhuis J, Friedman JM, Jann MW, Honein MA, and the National Birth Defects Prevention Study. Early-Pregnancy Opioid Analgesic Treatment and Risk for Congenital Heart Defects—United States, 1997–2004. *Epidemic Intelligence Service Conference*, April 2009, Atlanta, GA.
142. Broussard CS, Rasmussen SA, Reefhuis J, Friedman JM, Jann MW, Honein MA. Maternal Opioid Analgesic Treatment and Risk for Major Birth Defects. *National Birth Defects Prevention Study Annual Meeting*, January 2009, Decatur, GA.
143. Canfield MA, Olney RS, Moore C, Ramadhani T, Lupo PJ, Shaw GM, Mitchell LE; National Birth Defects Prevention Study. Clinical Subtypes of Spina Bifida by Maternal Race/Ethnicity in the National Birth Defects Prevention Study. Oral presentation at *Sixth International Neural Tube Defects Conference*. September 12-15, 2009, Burlington, VT.
144. Canfield MA, Ramadhani TA, Shaw GM, Carmichael SL, Waller DK, Mosley BS, Royle MH, Olney RS, and the National Birth Defects Prevention Study. Anencephaly and Spina Bifida among Hispanics: Acculturation Factors in the National Birth Defects Prevention Study. Oral presentation at the *Annual Meeting of the National Centers for Birth Defects Research and Prevention*. January 2009, Atlanta, GA.
145. Canfield MA, Ramadhani TA, Shaw GM, Carmichael SL, Waller DK, Mosley BS, Royle MH, Olney RS, and the National Birth Defects Prevention Study. Anencephaly and Spina Bifida among Hispanics: Acculturation Factors in the National Birth Defects Prevention Study. Poster presented at the *Annual Meeting of the National Birth Defects Prevention Network*. February 2009, Nashville, TN.
146. Canfield MA, Ramadhani T, Shaw GM, Waller DK, Carmichael SL, Mosley B, Olney RS, and the National Birth Defects Prevention Study. Are offspring of less acculturated Hispanic parents at higher risk for spina bifida and anencephaly? Poster presented at a *research conference sponsored by the UT School of Nursing Center for Health Promotion Research, entitled “Promoting Health in Underserved Populations: Health Disparities, from Local to Global”*, Austin, TX, February 18, 2009.
147. Carmichael SL, Lammer EJ, Rasmussen SA, Ma C, Shaw GM. Sagittal synostosis and maternal nutrient intake. *Teratology*, San Juan, Puerto Rico, June, 2009.
148. Derrington T, Donahue S, Weiss J, Kotelchuck M, Lin AE, Riehle-Colarusso T, Correa A. Using a Unique Linked Data System to Assess Live Birth Prevalence, Co-occurring Birth Defects, and Case Fatality Rates among Infants with Down Syndrome in Massachusetts, 2001-2005. *National Birth Defects Prevention Network Annual Meeting*; Nashville, TN: February 24, 2009.

3. Feldkamp ML, Stone MB, Carmichael SL, Shaw GM, Moore CA, Botto LD, Maternal Nutrition and Risk for Gastroschisis: Findings from the National Birth Defect Prevention Study. Presented at the 49th Teratology Society Meeting, Puerto Rico June 2009 and *International Clearinghouse for Birth Defects Research and Prevention*, Salt Lake City September 2009.
149. Fisk Green, R, Devine O, Crider KS, Olney RS, Archer N, Olshan A, Shapira SK, Association of Paternal Age and Risk for Congenital Anomalies from the National Birth Defect Prevention Study, 1997-2004. Poster presented at the annual meeting of The American Society of Human Genetics, November 2008, Philadelphia, Pennsylvania). Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, February 2009 in Nashville, TN.
150. Gripp KW, Lin AE (updated May 2009) Costello Syndrome in: GeneReviews at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle. 1997-2009. Available at <http://www.genetests.org>
151. Grisenbeck J, Steck M, Huber, Jr. J, Sharkey J, Rene A, Brender J. Development of estimates of dietary nitrates, nitrites, and nitrosamines for use with the Short Willet Food Frequency Questionnaire. *Am J Epidemiol* 2009; 169(Suppl):S119.
152. Hobbs CA, Weedn A, Mosley BS, Waller DK, Canfield M, Correa A, Cleves MA. Prenatal diagnosis of birth defects in the National Birth Defects Prevention Study. Poster presented at the *49<sup>th</sup> Annual Teratology Society Meeting*. Rio Grande, Puerto Rico. June 2009.
153. Hobbs CA. The (US) National Birth Defects Prevention Study: Epidemiological Approach Emphasizing Genitourinary System Anomalies. Poster presented at *7<sup>th</sup> Annual Canadian Congenital Anomalies Surveillance Network Scientific Meeting*. Ottawa, Canada. November 2009.
154. Lin AE. Session Organizer and Moderator of Plenary Session, "Here's Looking at You: Craniofacial Defects". *National Defects Prevention Network Annual Meeting*. Nashville, TN, February 22, 2009. Plenary.
155. Lin AE Invited speaker. Branchio-Oculo-Facial syndrome: Cardinal Signs. *American College of Medical Genetics*, Tampa, Florida. March 28, 2009.
156. Lin AE The Robert L. Summitt, Sr. MD, "Distinguished Visiting Professorship in Medical Genetics", University of Tennessee, LeBonheur Children's Hospital, Memphis, TN, May 27, 2009. "The Family of the Ras/MAPK Pathway Syndromes: Noonan Syndrome and Kissin' Cousins"; "Getting Started in Medical Writing"; "Aortic Dilation and Dissection in Turner Syndrome".
157. Lupo PJ, Symanski E, Chan W, Waller DK, Canfield MA, Langlois PH, Mitchell LE; National Birth Defects Prevention Study. An Evaluation of the Validity of Using Composite Endpoints for Neural Tube Defects in the National Birth Defects Prevention Study. Oral presentation at *Sixth International Neural Tube Defects Conference*. September 12-15, 2009, Burlington, VT.
158. Malik S. Congenital heart defects: Environmental and genetic factors. *CDC Birth Defects Surveillance Regional Meeting*. Little Rock, AR. May 2009.
159. Ramadhani T, Canfield MA, Waller DK, Royle M, Correa A, and the National Birth Defects Prevention Study. Variation in pregnancy-related risk behaviors and maternal conditions among U.S.- and foreign-born mothers, by race/ethnicity. Poster presented at the *12<sup>th</sup> Annual Meeting of the National Birth Defects Prevention Network*, Nashville, TN, February 23-25, 2009.
160. Tinker SC, Reefhuis J, Dellinger AM, Jamieson DJ. "Epidemiology of maternal injuries during pregnancy, National Birth Defects Prevention Study, 1997-2005." Presented at the *49th Teratology Society Annual Meeting*. Rio Grande, Puerto Rico, June 2009.

161. Weedn A. Maternal report of prenatally diagnosed birth defects in the National Birth Defects Prevention Study. Poster presented at the *Pediatric Academic Societies Annual Meeting*. Baltimore, MD. May 2009; poster presented at the *6<sup>th</sup> Annual Heartland Genetics and Newborn Screening Collaborative Conference*. Little Rock, AR. September 2009.
162. Werler MM. Anti-Epileptic Medications and Birth Defects. *National Birth Defects Prevention Study Annual Meeting*, January, 2009.
163. Yazdy M, Liu S, Mitchell AA, Werler MM. Maternal dietary glycemic intake and the risk of neural tube defects. Student Prize Paper and platform presentation at *Society for Pediatric and Perinatal Research, Anaheim, CA*, June 2009. <http://www.sper.org/FinalProgram-2009.pdf>

## 2008

164. Bell EM, Chen L, Caton AR, Druschel CM, Lin S. Air pollutants and birth defects in New York State, Poster Presentation, *National Birth Defects Prevention Network Annual Meeting*, Washington, DC, February 2008.
165. Broussard CS, Friedman JM, Rasmussen SA, Reefhuis J, Jann MW, Honein MA, and the NBDPS. Therapeutic opioid analgesic use before and during pregnancy, National Birth Defects Prevention Study (NBDPS), 1997-2003. *Pharmacoepidemiology and Drug Safety* 2008;17:S156.
166. Broussard CS, Friedman JM, Rasmussen SA, Reefhuis J, Jann MW, Honein MA, and the National Birth Defects Prevention Study. Therapeutic opioid analgesic use before and during pregnancy, National Birth Defects Prevention Study, 1997-2003. *International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, August 2008, Copenhagen, Denmark; *Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research*, June 2008, Chicago, IL.
167. Broussard CS, Louik CA, Honein MA, Mitchell AA, and the National Birth Defects Prevention Study. Herbal use before and during pregnancy – United States, 1998-2003. *Epidemic Intelligence Service Conference*, April 2008, Atlanta, GA.
168. Broussard CS, Louik CA, Honein MA, Mitchell AA, and the National Birth Defects Prevention Study. Herbal use before and during pregnancy. *National Birth Defects Prevention Network Annual Meeting*, Feb 2008, Washington, DC.
169. Broussard CS, Rasmussen SA, Reefhuis J, Friedman JM, Jann MW, Honein MA. Maternal Opioid Analgesic Treatment and Risk for Major Birth Defects: Preliminary Results from the National Birth Defects Prevention Study, 1997-2004. *Maternal and Child Health Epidemiology Conference*, December 2008, Atlanta, GA.
170. Broussard CS, Reefhuis J, Friedman JM, Rasmussen SA, Jann MW, Honein MA, and the National Birth Defects Prevention Study. Opioid analgesic treatment during pregnancy and adverse fetal outcomes. *Pharmacoepidemiology and Drug Safety* 2008;17:S161.
171. Broussard CS, Reefhuis J, Friedman JM, Rasmussen SA, Jann MW, Honein MA. Opioid analgesic treatment during pregnancy and adverse fetal outcomes: Results from the National Birth Defects Prevention Study, 1997-2003. *Birth Defects Research (Part A)* 2008;82:306.
172. Broussard CS, Reefhuis J, Friedman JM, Rasmussen SA, Jann MW, Honein MA, and the National Birth Defects Prevention Study. Opioid analgesic treatment during pregnancy and adverse fetal outcomes: Results from the National Birth Defects Prevention Study, 1997-2003. *International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, August 2008, Copenhagen, Denmark; *Annual Meeting of the Teratology Society*, July 2008, Monterey, CA.

173. Browne ML, Caton AR, Rasmussen SA, Druschel CM, Lin AE, Canfield MA, Romitti PA, Hoyt AT, and the National Birth Defects Prevention Study. Maternal thyroid disease and cardiovascular malformations in the National Birth Defects Prevention Study. Poster presented at the *11<sup>th</sup> Annual Meeting of the National Birth Defects Prevention Network*, Washington, D.C., February 2008.
174. Browne ML, Caton AR, Rasmussen SA, Hoyt AT, Druschel CM, Lin AE, Waller DK, Canfield MA, Romitti PA. Maternal thyroid disease and cardiovascular malformations in the National Birth Defects Prevention Study. Presented at the *48<sup>th</sup> Annual Meeting of the Teratology*, Monterey, California, June 28–July 2, 2008.
175. Canfield MA, Ramadhani T, Shaw GM, Waller DK, Carmichael SL, Mosley B, Olney RS, and the National Birth Defects Prevention Study. Are less acculturated Hispanic parents at higher risk for having offspring with neural tube defects. Poster presented at the *Texas Birth Defects Research Symposium*, Lubbock, TX, October 2008.
176. Canfield MA, Ramadhani T, Shaw GM, Waller DK, Carmichael SL, Mosley B, Olney RS, and the National Birth Defects Prevention Study. Are offspring of less acculturated Hispanic parents at higher risk for spina bifida and anencephaly? Poster presented at the *41<sup>st</sup> Annual Society for Epidemiologic Research Meeting*, Chicago, Illinois, June 2008.
177. Carmichael SL, Yang W, Correa A, Olney RS, Shaw GM. Hypospadias and intake of nutrients related to one-carbon metabolism. *Teratology*, Monterey, CA, June, 2008 and *MCH Epi Conference*, Atlanta, December, 2008.
178. Caton A. Invited Symposium: Understanding fetal risks of antihypertensive medication use during pregnancy, Oral Presentation, Panel Member, *International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, Copenhagen, Denmark, August 2008.
179. Chowdhury S. Risk of congenital limb defects and polymorphisms in folate pathway genes. *Arkansas Biosciences Institute Fall Research Symposium*. Little Rock, AR, October 2008.
  
180. Cogswell ME, Bitsko R, Anderka M, Caton A, Feldkamp M, Meyer R, Ramadhani T, Robbins J, Shaw G, Hockett Sherlock S, Reefhuis J; National Birth Defects Prevention Study. Does selection method affect representativeness of controls? National Birth Defects Prevention Study, 1997-2003. *21<sup>st</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*, Chicago, IL, June 2008.
181. Cogswell M, Bitsko R, Anderka M, Caton A, Feldkamp M, Meyer R, Ramadhani T, Robbins J, Shaw G, Sherlock SH, Reefhuis J. Does selection method affect representativeness of controls? National Birth Defects Prevention Study. *Am J Epidemiol* 2008;167(Suppl):S111.
182. Collier S, Dollard S, Mei J, Honein M, Hannon WH, Frias JL, Shaw GM, Meyer R, Chaing S, Canfield MA, Rasmussen SA. The contribution of CMV to hydrocephalus: A pilot study using newborn dried blood spots. Presented at the *Congenital Cytomegalovirus Conference*, Atlanta, GA, November 2008.
183. Ethen MK, Ramadhani TA, Scheuerle AE, Canfield MA, Wyszynski DF, Druschel CM, Romitti PA, and the National Birth Defects Prevention Study. Alcohol Consumption by Women Before and During Pregnancy. Poster presented at Poster presented at the *Texas Birth Defects Research Symposium*, Lubbock, TX, October 2008.
  
4. Feldkamp ML, Carey JC, Pimentel R, Krikov S, Botto LD, Is gastroschisis truly a sporadic defect? Familial cases of gastroschisis in Utah, 1997 to 2008. Presented at the Society for Pediatric and

Perinatal Epidemiology June 2010, David W. Smith Workshop, August 29, 2010 and the *International Clearinghouse for Birth Defects Surveillance and Research*, November 1, 2010.

5. Fisk Green, R, Devine O, Crider KS, Olney RS, Archer N, Olshan A, Shapira SK, Association of Paternal Age and Risk for Congenital Anomalies from the National Birth Defect Prevention Study, 1997-2004. Poster presented at the annual meeting of *The American Society of Human Genetics*, November 2008, Philadelphia, PA.
  
184. Jenkins MM, Gallagher ML, Rasmussen SA, Sturchio C, Koontz DA, Richter P, Collier S, Honein MA, and the National Birth Defects Prevention Study. Evaluation of the quality and quantity of DNA from buccal samples in the National Birth Defects Prevention Study. Poster presentation, *American Society of Human Genetics Meeting*, San Diego, CA, Oct 2007; Poster presentation, 10 yr Anniversary meeting of the National Office of Public Health Genomics, Atlanta, GA, Jan 2008.
185. MacLehose RF. Bayesian adjustments for misclassification of maternal smoking. *Centers for Disease Control and Prevention (invited talk)*, Atlanta GA; January 2008.
186. Olshan AF. Incorporating study of genetic risk factors into the National Birth Defects Prevention Study. *Teratology Society Annual Meeting*, Monterey CA; July 2008.
187. Ramadhani T, Canfield MA, Waller DK, Royle M, Correa A, and the National Birth Defects Prevention Study. Variation in pregnancy-related risk factors among foreign- vs. US-born mothers, by race/ethnicity. Poster presented at the *Texas Birth Defects Research Symposium*, Lubbock, TX, October 2008.
188. Ramadhani T, Canfield MA, Waller K, Royle M, Correa A, and the National Birth Defects Prevention Study. Variation in pregnancy-related risk behaviors and maternal conditions among United States and foreign born mothers by race/ethnicity. Poster presented at the *41<sup>st</sup> Annual Society for Epidemiologic Research Meeting*, Chicago, Illinois, June 2008.
189. Ramadhani T, Canfield MA, Waller K, Royle M, Correa A, and the National Birth Defects Prevention Study. Variation in pregnancy-related risk behaviors and maternal conditions among United States and foreign born mothers by race/ethnicity. Poster presented at the *National Birth Defects and Prevention Network 11<sup>th</sup> Annual Meeting*, February 2008 in Washington, D.C.
190. Ramadhani T, Canfield MA, Waller K, Royle M, Correa A, Angela Scheuerle and the National Birth Defects Prevention Study. Variation in pregnancy-related risk behaviors and maternal conditions among United States and foreign born mothers by race/ethnicity. Poster presented at the *Texas Birth Defects Research Symposium*, Lubbock, TX, October 2008.
191. Ramadhani T, Short V, Canfield MA, Waller DK, Correa A, Royle M, Scheuerle A, and the National Birth Defects Prevention Study. Birth defects in non-Hispanic blacks: Are they related to mothers' birth nativity? Poster presented at the *Texas Birth Defects Research Symposium*, Lubbock, TX, October 2008.
192. Ramadhani T, Short V, Canfield MA, Waller K, Royle M, Correa A, Scheuerle A, and the National Birth Defects Prevention Study. Birth defects in Hispanics: Are they related to mothers' birthplace? Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, February 2008 in Washington, D.C.
193. Rauen KA, Hefner E, Carrillo K, Taylor J, Messier L, Aoki Y, Gripp KW, Matsubara Y, Proud VK, Hammond P, Allanson JE, Delrue MA, Axelrad ME, Lin AE, Doyle DA, Kerr B, Carey JC, McCormick F, Silva AJ, Kieran MW, Hinek A, Nguyen TT, Schoyer L, Molecular Aspects, Clinical Aspects and Possible Treatment Modalities for Costello Syndrome: Proceedings from the

*1st International Costello Syndrome Research Symposium 2008. Am J Med Genet Part A* 146A:1205-1217.

194. Romitti PA, Druschel CM, Sun L, Browne ML, Botto LD, Lin AE. (2008) Maternal periconceptional alcohol consumption and cardiovascular malformations. (Poster presentation at the *21<sup>st</sup> Annual Society for Pediatric and Perinatal Epidemiologic Research Meeting*)
195. Romitti PA, Sun L, Herring A, Druschel CM, Mitchell A, Werler M, Louik C, Olney RS. Maternal periconceptional use of dextromethorphan and selected birth defects. (2008) (Poster presentation at the *24<sup>th</sup> Annual International Society for Pharmacoepidemiology Meeting*) Poster Award Winner: Medicines in Pregnancy.
196. Siega-Riz AM. Maternal obesity, diabetes, and nutrients: their role in birth defects. *National Birth Defects Network Meeting*, Washington DC; February 2008.

## 2007

197. Bitsko, RH, Reefhuis, J, Feldkamp, M, Werler, M, Waller, K, Frias, J, Honein, M (2007). Periconceptional Use of Weight-Loss Products Including Ephedra and the Association with Birth Defects — The National Birth Defects Prevention Study, 1997–2003. *Epidemic Intelligence Service Conference*, April 16-20, Atlanta, GA.
198. Bitsko, RH, Reefhuis, J, Feldkamp, M, Werler, M, Waller, K, Frias, J, Honein, M (2007). Periconceptional Use of Weight-Loss Products and the Association with Birth Defects. *40th Annual Society for Epidemiologic Research (SER) Meeting*, June 19-22, Boston, Massachusetts.
199. Bitsko, RH, Reefhuis, J, Feldkamp, M, Werler, M, Waller, K, Frias, J, Honein, M (2007). Periconceptional use of weight-loss products and the association with birth defects. *Twentieth Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*, June 18-19, Boston, Massachusetts.
200. Canfield MA, Shaw G, Ramadhani T, Waller K, Mosley B, Carmichael S, Royle M, Olney R. Folic acid and NTDs in Hispanics and Whites: National Birth Defects Prevention Study, 1999-2003. Invited presentation at the National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention for the National Birth Defects Prevention Study. Atlanta, GA, August 2007.
201. Carmichael SL, Shaw GM, Ma C, Werler MM, Rasmussen SA, Lammer EJ. Maternal corticosteroid use and orofacial clefts. . *Maternal and Child Health Epidemiology Conference*, Atlanta, December, 2006 and *National Birth Defects Prevention Network*, San Antonio, TX, February 2007.
202. Carmichael SL, Ma C, Rasmussen SA, Honein MA, Lammer EJ, Shaw GM. Craniosynostosis and maternal smoking. *Teratology*, Philadelphia, June, 2007.
203. Carter TC, et al. Lower genital tract infection and birth defects. *Teratology Society Annual Meeting*, Pittsburgh, PA, June 2007.
204. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Antihypertensive medication use during pregnancy, Oral Presentation, *Maternal and Child Health Epidemiology Annual Meeting*, Atlanta, Georgia, December 2007.
205. Caton A, Bell E, Druschel C, Werler M, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Maternal hypertension, antihypertensive medication use, and the risk of severe hypospadias, Poster Presentation, *Society for Paediatric and Perinatal Epidemiologic Research 20th Annual Meeting*, Boston, Massachusetts, June 2007.

206. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Antihypertensive medication use and congenital heart defects, Oral Presentation, *National Birth Defects Prevention Network Annual Meeting*, San Antonio, Texas, February 2007.
207. Cleves MA, Karim MA, MacLeod SL, Hobbs CA. *Congenital Hearts, Maternal Genetic Susceptibility and Pro-oxidant Lifestyle Factors*. Presented at the *International Genetic Epidemiology 16<sup>th</sup> Annual Meeting*, York, England, United Kingdom. September 8, 2007 to September 9, 2007.
208. Correa A, Besser LM, Gilboa SM, Botto L, Moore CA, Hobbs CA, Cleves M, Riehle-Colarusso T, Waller DK, Reece EA. Spectrum of birth defects associated with maternal diabetes. Presented at *National Birth Defects Prevention Study Meeting*, November 2006 in Atlanta, GA and *National Birth Defects and Prevention Network Annual Meeting* February 2007 in San Antonio, Texas, and the *American Diabetes Association Scientific Sessions*, Chicago, IL, June 2007.
6. Feldkamp ML, Reefhuis J, Kucik J, Krikov S, Wilson A, Moore CA, Carey JC, Botto LD, Maternal Genitourinary Infections and the Risk of Gastroschisis - National Birth Defects Prevention Study, 1997-2003. Presented at the David Smith Workshop August 2007.
209. Hashmi SS, Waller DK, Langlois PH, Rasmussen SA and Hecht JT. Maternal Hyperthermia and Orofacial Clefting – Preliminary Results from the National Birth Defects Prevention Study. Presented at the *Centers for Birth Defects Research and Prevention Annual Meeting*, November 2007, Atlanta, Georgia.
210. Herring AM, Romitti PA, Sun L, Druschel CM, Werler MM, Louik C, Mitchell AA, Olney R, and the National Birth Defects Prevention Study. (2007) Association between dextromethorphan and guaifenesin exposure and selected birth defects. (Poster presentation at the *University of Iowa Research Week*).
211. Hobbs CA. Birth defects and folic acid intake. *College of Public Health, UAMS*, January 11, 2007.
212. Hobbs CA. Maternal Biomarkers and Birth Defects. Presented at the *6<sup>th</sup> Conference on Homocysteine Metabolism World Congress on Hyperhomocysteinemia*, Saarbruecken, Germany. June 8, 2007.
213. Hobbs CA. Molecular Epidemiological Tool Kit for Personalized Medicine. Presented at the *47<sup>th</sup> Annual Meeting of the Teratology Society*. Pittsburgh, PA. June 28, 2007.
214. Hobbs CA. Neural tube defect: Translating research into prevention. *2007 University of Arkansas for Medical Sciences Perinatal Conference*. Little Rock, Arkansas, January 25, 2007.
215. Hobbs CA. Risk of congenital heart defects. *2007 NBDPN 10<sup>th</sup> Annual Meeting*, San Antonio, Texas) February 6, 2007.
216. Lin S, Bell E, Munsie JP, Browne M, Druschel C, Romitti PA, Mitchell A, Lin AE, Olney RS and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of birth defects. *National Birth Defects Prevention Network Meeting*, February 2007, Austin, TX.
217. Lin S, Bell E, Munsie JP, Browne M, Druschel C, Romitti PA, Mitchell A, Lin AE, Olney RS and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of gastrochisis. *Society for Pediatric and Perinatal Epidemiology*, June 2007, Boston, MA.
218. Lin S, Bell E, Munsie JP, Browne M, Druschel C, Romitti PA, Mitchell A, Lin AE, Olney RS and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of selected birth defects. *Society for Pediatric and Perinatal Epidemiology*, June 2007, Boston, MA.



219. Lin S, Munsie JP, Bell E, Druschel C, Romitti PA, Mitchell A, Olney RS and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of gastroschisis. (2007 UCSF-CHE Summit on Environmental Challenges to Reproductive Health and Fertility, San Francisco, CA).
220. Malik S. Urinary tract infection in pregnancy as a risk factor for congenital heart defects. *American Heart Association Annual Scientific Session*. Orlando, FL. November 2007.
221. Ramadhani T, Ethen MK, Scheuerle AE, Canfield MA, Wyszynski DF, Druschel CM, Romitti PA. Alcohol consumption by women in the U.S. before and during pregnancy. Poster presented at the 2<sup>nd</sup> International Conference on Fetal Alcohol Spectrum Disorders, March 2007, Victoria, British Columbia, Canada.
222. Ramadhani T, Short V, Canfield MA, Waller K, Royle M, Correa A, Scheuerle A, and the National Birth Defects Prevention Study. Birth defects in Hispanics: Are they related to mothers' birthplace? Poster presented at the *Centers for Birth Defects Research and Prevention 2007 Annual Meeting*, Atlanta, GA, November 2007.
223. Schmidt RJ, Romitti PA, Burns TL, Murray JC, Druschel C, Browne M, Olney RS, and the National Birth Defects Prevention Study. (2007) Maternal caffeine intake, select metabolic gene variants and neural tube defects. (Oral presentation at the 5<sup>th</sup> International NTD Conference).
224. Schmidt RJ, Romitti PA, Burns TL, Murray JC, Druschel C, Browne M, Olney RS, and the National Birth Defects Prevention Study. (2007) Maternal caffeine intake, select metabolic gene variants and neural tube defects. (Poster presentation at the *American College of Epidemiology Annual Meeting*).
225. Schmidt RJ, Romitti PA, Burns TL, Murray JC, Druschel C, Browne M, Olney RS, and the National Birth Defects Prevention Study. (2007) Maternal caffeine intake, select metabolic gene variants and neural tube defects. (Poster presentation at the *University of Iowa Department of Epidemiology Poster Day*).
226. Shapira SK, Werler MM, Moore CA, and Holmes LB. Clinical and epidemiological features of amniotic band syndrome and limb-body wall complex. Presentation at the *David W. Smith Workshop on Malformations and Morphogenesis*, August 8-12 2007, Williamsburg, VA.
227. Shapira SK, Werler MM, Moore CA, and Holmes LB. Clinical Phenotype and Maternal Factors Involved in Amniotic Band Syndrome. Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, February 2007 in San Antonio, Texas.
228. Wong-Gibbons DL, Romitti PA, Sun L, Olshan A, Reefhuis J, Moore C, Bell E, and the National Birth Defects Prevention Study. (2007) Smoking, alcohol and esophageal atresia with or without tracheo-esophageal fistula (EA ± TEF). (Poster presentation at the *University of Iowa Research Week*).

## 2006

229. Bingay, E, Casey, L, Anderka, M. Supplementing Ascertainment of Hypospadias Cases in MA with Medical Records from an Pediatric Outpatient Clinic. Presented as a poster at the *National Birth Defects Prevention Network Annual Meeting 2006*.
230. Brown M, Druschel C, Mitchell A, Bell E, Lin A, Romitti P, and Correa A. Maternal caffeine consumption and risk of septal and obstructive cardiovascular malformations in the National Birth Defects Prevention Study. Presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.

231. Browne ML, Durschel CM, Mitchell AA, Romitti PA, Lin AE, Correa A. Maternal caffeine consumption and risk of cardiovascular malformations in the National Birth Defects Prevention Study. (2006 NBDPN 9<sup>th</sup> Annual Meeting, San Francisco, CA).
232. Canfield MA, Ramadhani T, Shaw GS, Mosely B, Waller DK, Carmichael SC, Olney R, Royle M. Periconceptional folic acid and neural tube defects in Hispanics and non-Hispanic whites. Presented at the *Annual Meeting of the National Centers for Birth Defects Research and Prevention*, Atlanta, GA, November 2006.
233. Carter TC, et al. Antifungal drugs and the risk of selected birth defects. *Conference on Health Promotion*. September 2006.
234. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Antihypertensive medication use and congenital heart defects, Oral Presentation, *Maternal and Child Health Epidemiology Annual Meeting*, Atlanta, Georgia, December 2006.
235. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Maternal high blood pressure, antihypertensive medication use, and cardiovascular malformations, Oral Presentation, *Annual Meeting of the Centers for Birth Defects Research and Prevention*, Atlanta, Georgia, November 2006.
236. Caton A, Bell E, Druschel C, Werler M, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Maternal high blood pressure, antihypertensive medication use, and severe hypospadias, Poster Presentation, *Annual Meeting of the Centers for Birth Defects Research and Prevention*, Atlanta, Georgia, November 2006.
237. Caton A, Bell E, Druschel C, Werler M, Lin A, Mitchell A, Browne M, McNutt L, Romitti P, Olney R, Correa A. Antihypertensive medications and cardiovascular malformations, Poster Presentation, *Society for Paediatric and Perinatal Epidemiologic Research 19th Annual Meeting*, Seattle, Washington, June 2006.
238. Ethen MK, Ramadhani T, Scheuerle A, Canfield M, Wyszynski D, Druschel C, Romitti PA, and the National Birth Defects Prevention Study. Alcohol consumption by women before and during pregnancy. (2006 NBDPN 9<sup>th</sup> Annual Meeting, Arlington, VA).
239. Ethen MK, Ramadhani T, Scheuerle AS, Canfield MA, Wyszynski D, Druschel C, Romitti P. Alcohol Consumption Patterns Before and During Pregnancy. Presented at the *Texas Birth Defects Research Conference*, April 2006, Austin, Texas..
240. Fisk Green R, Olney R, Reefhuis J, Botto L, and Romitti P. Maternal reports of family history from the National Birth Defects Prevention Study, 1997-2001. Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.
241. Gilboa SM, Olshan AF, Werler MM, Correa A. Antihistamine use during pregnancy and selected birth defects. Presented at *MCH Epidemiology Conference*, December 2006 in Atlanta, GA.
242. Herring AM, Romitti PA, Sun L, Druschel CM, Werler MM, Louik C, Mitchell AA, Olney R, and the National Birth Defects Prevention Study. (2006) Association between dextromethorphan and guaifenesin exposure and selected birth defects. (Poster presentation at the *University of Iowa Department of Epidemiology Poster Day*).
243. Hobbs CA, Mosley BS, Shaw GM, Siega-Riz AM, Waller DK, Canfield M, Zhao W, Cleves MA and the National Birth Defects Prevention Study. Neural tube defects and periconceptional intake of micronutrients following mandatory folic acid fortification. Presented at the *National Birth Defects and Prevention Network 9th Annual Meeting*, January 2006 in Arlington, Virginia.

244. Jenkins MM, Rose KL, Woomert A, Romitti PA. Sample recollection using an improved cytobrush methodology. *Am J Hum Genet* 2006; 79:2253B. Poster presented at the 2006 *American Society of Human Genetics Meeting*, in New Orleans, LA.
245. Lin S, Bell E, Munsie JP, Browne M, Druschel C, Romitti PA, Mitchell A, Line AE, Olney RS and the National Birth Defects Prevention Study. Maternal asthma medication use and the risk of birth defects. (2006 12<sup>th</sup> Annual MCH EPI Conference, Atlanta, GA).
246. Manning SE, Rasmussen SA, Reefhuis J, and Honein MA. Association between Maternal Tobacco Smoke and Alcohol Exposure and the Occurrence of Anorectal Atresia/Rectal Stenosis. Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.
247. Rasmussen SA, Yazdy M, Honein M, Carmichael SL, Canfield M. Maternal thyroid disease as a possible risk factor for craniosynostosis, National Birth Defects Prevention Study, 1997-2002. *Birth Defects Res Part A Clin Mol Teratol* 76:323, 2006.
248. Rasmussen SA, Yazdy M, Honein MA, Carmichael S, Canfield M. Maternal thyroid disease as a possible risk factor for craniosynostosis – National Birth Defects Prevention Study. Presented at the *Annual David Smith Dysmorphology Workshop*. September 2006. Lake Arrowhead, CA.
249. Rasmussen SA, Yazdy M, Honein M, Carmichael S, Canfield M, and the National Birth Defects Prevention Study. Maternal Thyroid Disease as a Possible Risk Factor for Craniosynostosis, National Birth Defects Prevention Study, 1997-2002. Presented at the *Annual Meeting of the Teratology Society*. June 2006. San Diego, CA.
250. Reefhuis J, Always S, Rasmussen SA, Olney RS, and Friedman JM. Maternal Use of Selective Serotonin Reuptake Inhibitors and Risk for Birth Defects. Presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.
251. Reefhuis J, Honein MA, Schieve L, Correa A, Hobbs CA, Rasmussen SA. Infertility treatments and the risk for neural tube defects, oral clefts, and hypospadias. *Proceedings of the Greenwood Genetics Center* 25:120-121, 2006.
252. Shapira SK, Werler MM, Moore CA, and Holmes LB. Maternal Factors Involved in Amniotic Band Syndrome. Poster presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.
253. Shapira SK, Werler MM, Moore CA, and Holmes LB. Maternal factors involved in amniotic band syndrome. Presentation at the *American College of Medical Genetics Annual Meeting*, March 23-26 2006, San Diego, CA.
254. Shaw GM, Carmichael SL, Laurent C, and Rasmussen SA. Maternal Nutrient Intakes and Risks of Human Orofacial Clefts. Presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.
255. Smith VJ, Jenkins MM, Sturchio C, Gallagher M, Hobbs CA. Self-collected buccal cell samples: DNA yield and participation rates. *Am J Hum Genet* 2006; 79:2267A. (Poster presented at the 2006 *American Society of Human Genetics Meeting*, in New Orleans, LA).
256. Waller DK, Gallaway MS, Canfield MC, Hernandez-Diaz S, Louik C. The use of hormonal contraceptives in the periconceptional period and the occurrence of structural malformations. Poster presented at the *Annual Meeting of the National Centers for Birth Defects Research and Prevention*. Atlanta, GA. November 2006.
257. Waller DK, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, and Gallaway MS. Maternal Obesity and Birth Defects – Preliminary Results from the National Birth

Defects Prevention Study. Presented at the *National Birth Defects and Prevention Network Annual Meeting*, January 2006 in Arlington, Virginia.

258. Wong-Gibbons DL, Romitti PA, Sun L, Olshan A, Reefhuis J, Moore C, Bell E, and the National Birth Defects Prevention Study. (2006) Smoking, alcohol and esophageal atresia with or without tracheo-esophageal fistula (EA ± TEF). (Poster presentation at the *University of Iowa Department of Epidemiology Poster Day*).

## 2005

259. Alwan S, Reefhuis J, Rasmussen S, Olney R, and Friedman JM, and the National Birth Defects Prevention Study. Maternal use of selective serotonin reuptake inhibitors and risk for birth defects. *Am J Epidemiol*, 2005;161(Suppl):S95.
260. Anderka M, Mitchell AA, Louik C, Werler MM, Hernandez-Diaz S, Rasmussen SA, and the National Birth Defects Prevention Study. Using the National Birth Defects Prevention Study to investigate nausea and vomiting of pregnancy. *Proceedings of the Society for Pediatric and Perinatal Epidemiologic Research*, June 2005.
261. Bell EM et al. Maternal asthma medication use and the risk of conotruncal heart malformations. *National Birth Defects Prevention Study Partners Meeting*, November 2005.
262. Bingay, E, Casey, L, Anderka, M. Supplementing Case Ascertainment in MA with Outpatient Medical Records from a Genetics Clinic. Presented as a poster at the *National Birth Defects Prevention Network Annual Meeting* 2005.
7. Botto LD, Feldkamp M, Carey JC. Actual causes of congenital heart defects: a population based study, Utah 1999-2003. Presented at the American Society of Human Genetics, SLC, UT, 2005.
263. Browne ML, Druschel CM, Mitchell AA, Romitti PA, Lin AE, Correa A, Bell EM, and the National Birth Defects Prevention Study. Maternal caffeine consumption and risk of conotruncal heart anomalies in the National Birth Defects Prevention Study. *Proceedings of the Society for Pediatric and Perinatal Epidemiologic Research*, June 2005.
264. Carmichael S, et al. Hypospadias and Maternal Intake of Progestins and Oral Contraceptives. Presented at *Teratology*, Vancouver, June, 2004; *NCBDDD Annual Meeting*, Washington, DC June 2004; *International Clearinghouse for Birth Defects Monitoring & Research*, Valletta, Malta, September 2005.
265. Carmichael SL, Shaw GM, Laurent C, Olney RS, Lammer EJ, and the National Birth Defects Prevention Study. Hypospadias and potential correlates of maternal estrogen levels. *Teratology*, St. Pete Beach, Florida, June 2005.
266. Carmichael SL, Shaw GM, Yang W, Laurent C, Herring A, Royle M, Canfield M. Correlates of intake of folic acid-containing supplements among pregnant women. *National Birth Defects Prevention Network*, Scottsdale, AZ, January 2005.
267. Ethen MK, Ramadhani T, Scheuerle AS, Canfield MA, Wyszynski DF, Druschel CM, Romitti PA. Alcohol consumption patterns before and during pregnancy. Presentation by Mark Canfield, Ph.D. to *Center on Birth Defects and Developmental Disabilities Conference* in Washington D.C. November 2005.
268. Fisk Green R, Olney R, Reefhuis J, Botto J, Romitti PA and the National Birth Defects Prevention Study. Maternal reports of family history from the National Birth Defects Prevention Study, 1997-2001. (2005 *ASHG 55<sup>th</sup> Annual Meeting*, Salt Lake City, UT).

269. Hobbs CA. Fourth Annual Birth Defects Structural Meeting. *Congenital Heart Defects, Genes and Metabolites*. Washington, DC. October 6, 2005.
270. Hobbs CA. Prenatal growth patterns among infants with congenital heart disease. *2005 NBDPN 8<sup>th</sup> Annual Meeting*, Scottsdale, Arizona, January 25, 2005.
271. Hobbs CA, Cleves MA, Malik SA, Parsian A, Zhao W; National Birth Defects Prevention Study. Congenital Heart Defects, Maternal Genetic Susceptibility and Pro-oxidant Lifestyle Factors. *Centers for Research and Prevention Annual Meeting*. Atlanta, Georgia. November 2005.
272. Honein MA, Rasmussen SA, Reefhuis J, Moore CA, Romitti P, Correa A, Watkins M, Lammer E and the National Birth Defects Prevention Study. Maternal tobacco smoke exposure and the occurrence of oral clefts: Results from the National Birth Defects Prevention Study. *Proceedings of the Greenwood Genetics Center* 24:89, 2005.
273. National Center for Toxicological Research, Food and Drug Administration, and the UAMS Department of Pediatrics Retreat. *Birth Defects – A Complex Problem*. Little Rock, Arkansas. September 17, 2005.
274. Reefhuis J, Honein M, Schieve L, Correa A, Hobbs C, Rasmussen S, and the National Birth Defects Prevention Study. Assisted reproductive techniques and selected major birth defects. Data from the NBDPS, 1997-2001. *Am J Epidemiol*, 2005;161(Suppl):S49.
275. Siega-Riz AM, Olshan A, Smith J, Werler M, Moore C, and the National Birth Defects Prevention Study. Fat intake and the risk of gastroschisis. *Proceedings of the Society for Pediatric and Perinatal Epidemiologic Research*, June 2005.
276. Siega-Riz AM. Fat intake and the risk of gastrochisis. *National Birth Defects Prevention Meeting*, Scottsdale Arizona; January 2005.
277. Waller DK, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, and Gallaway MS. Maternal Obesity and Birth Defects – Preliminary Results from the National Birth Defects Prevention Study. Presented at the *4<sup>th</sup> Canadian Congenital Anomalies Surveillance Network*, November 2005, Ottawa, Canada.
278. Waller DK, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, and Gallaway MS. Maternal Obesity and Birth Defects – Preliminary Results from the National Birth Defects Prevention Study. Presented at the *Texas Birth Defects Research Conference*, April 2005, Austin, Texas.

## 2004

279. Bell EM. Asthma medication use and asthma in New York State. *National Birth Defects Prevention Study Annual Meeting*, November 2004.
280. Bell EM. Asthma medication use and the risk of cardiovascular malformation. *National Center for Birth Defects and Development Disabilities Conference*, September 2004.
281. Bell EM. Maternal asthma medication use and the risk of cardiovascular malformations. *National Birth Defects Prevention Study Annual Meeting*, November 2004.
282. Burgio, J, Lin, A, Higgins, C, Winship, S, Casey, L., Anderka, M. Supplemental Approaches to Case Ascertainment in Massachusetts III: Faster ascertainment by faxing queries to physicians. Presented as a poster at the *National Birth Defects Prevention Network Annual Meeting* 2004.
283. Cleves MA, Savell V, Raj S, Zhao W, Correa A, Werler MM, Hobbs CA Maternal use of acetaminophen and nonsteroidal anti-inflammatory drugs (NSAIDS), and muscular ventricular

- septal defects. Presentation by Bridget S. Mosley, MPH, to *National Center on Birth Defects and Developmental Disabilities Conference* in Washington D.C. in July 2004.
284. Higgins, C, Burgio, J, Casey, L, Anderka, M. Supplemental Approaches to Case Ascertainment in Massachusetts II: Finding MA birth defect cases in Rhode Island. Presented as a poster at the *National Birth Defects Prevention Network Annual Meeting 2004*.
285. Hobbs CA. CDC Birth Defects Regional Meeting. *Abdominal Wall Defects*. Little Rock, Arkansas. May 13, 2004.
286. Hobbs CA. Centers for Birth Defects Research and Prevention 2004 Annual Meeting. *NTDs and Micronutrients*. San Antonio, Texas. November 16, 2004.
287. Hobbs CA. Exploring the Etiology of Complex Birth Defects. *Society for Gynecologic Investigation Annual Scientific Meeting*, Houston, Texas. March 25, 2004.
288. Honein MA, Rasmussen SA, Reefhuis J, Moore CA, Romitti P, Correa A, Watkins ML, Lammer EJ, and the National Birth Defects Prevention Study. Maternal smoking, environmental tobacco smoke, and the risk of oral clefts. *Am J Epidemiol* 2004;159(11):S8. Presented at *2004 SER 37<sup>th</sup> Annual Meeting*, Salt Lake City, UT.
289. Langlois P, Wyszynski D, Royle M, Robbins J, Scheuerle A, del Junco D. Utility of retaining questions on parental military service. Poster presented at the *Centers for Birth Defects Research and Prevention Annual Meeting*, November 2004.
290. Lin AE. The National Birth Defects Prevention Study. *The New England Medical Center/The Floating Hospital, Dept. of Pediatrics, Medical Genetics Clinical Conference*. June 14, 2004.
291. Lin, S, Bingay, E, Higgins, C, Karamuri, S, Anderka, M. Supplemental Approaches to Case Ascertainment in Massachusetts I: Ascertainment of cardiovascular malformations from outpatient cardiology clinics. Presented as a poster at the *National Birth Defects Prevention Network Annual Meeting 2004*.
292. Louik C, et al. Herbal Use in Pregnancy: Results from Two Studies. Presented at *National Center on Birth Defects and Developmental Disabilities Conference* in Washington D.C. in July 2004.
293. Louik C, Honein MA, Werler MM, Mitchell AA. Use of herbal products during pregnancy. *International Society for Pharmacoepidemiology*, August 2004.
294. Reefhuis et al. Evaluation of an association between loratadine and hypospadias United States 1997-2001. Presented at *National Center on Birth Defects and Developmental Disabilities Conference* in Washington D.C. in July 2004.
295. Reefhuis J, Honein M, Rasmussen S, Correa A, Hobbs C, Scheuerle A, Schieve L. Assisted reproductive techniques and the risk of oral clefts: Data from the National Birth Defects Prevention Study, 1997- 2000. Presented at *Teratology Society Meeting* June 26 - July 1, 2004. Vancouver, British Columbia, Canada.
296. Reefhuis J, Honein MA, Rasmussen SA, Correa A, Hobbs CA, Scheuerle A, Schieve L, and the National Birth Defects Prevention Study. Assisted reproductive techniques and the risk of oral clefts: data from the National Birth Defects Prevention Study, 1997-2000. *Am J Epidemiol* 2004; 159(11):S7.
297. Reefhuis J, Honein MA, Rasmussen SA, Correa A, Hobbs CA, Schieve L, and the National Birth Defects Prevention Study. Fertility treatments and neural tube defects, oral clefts and hypospadias:

Data from the NBDPS, 1997-2001. *2004 Teratology Society Meeting*, Vancouver, British Columbia.

298. Schmidt RJ, Romitti PA, (2004) Maternal caffeine intake and risk of neural tube defects (NTDs). (Poster presentation at the *University of Iowa Research Week*).
299. Werler et al. Over-the-Counter Medication Use in the National Birth Defect Prevention Study. Presented at *National Center on Birth Defects and Developmental Disabilities Conference* in Washington D.C. in July 2004.

### 2003

300. Browne et al. Maternal caffeine consumption and risk of cardiovascular malformations in the National Birth Defects Prevention Study. *APHA Meeting*, San Francisco, CA, 2003.
301. Carmichael et al. Maternal smoking and risk of hypospadias in the National Birth Defects Prevention Study. *APHA Meeting*, San Francisco, November 2003.
302. Edmonds LD. The National Birth Defects Prevention Study. *APHA Meeting*, San Francisco, CA, 2003.
303. Ghaffar S, Cleves M, Zhao W, Hobbs CA. The Association between Congenital Heart Defects and Small for Gestational Age. American Heart Association 2003 National Meeting. (NBDPS National Data) and one to Cardiac Young Investigator Award. *American Acad. Pediatrics 2003 Conf.* (Arkansas data).
304. Hobbs CA. Collaborative Strategies for Unraveling the Complexity of Birth Defects. University of Arkansas for Medical Sciences, College of Medicine, *The 5<sup>th</sup> Annual Meeting of the North American Diabetes-In-Pregnancy Study Group*. Little Rock, Arkansas. May 4, 2003.
305. Krakowiak PA, Cleves MA, Guan Y, Freeman WA, Greenhaw JJ, Kimbrough J, Lyle RE, Jernigan S, Zhao W, Hobbs CA. Quality of human DNA from buccal cytobrushes depends on storage conditions. *American Society for Human Genetics (ASHG) Annual Conference*. Los Angeles, California. November 8, 2003.
306. Krakowiak PA, Cleves MA, Guan Y, Freeman WA, Greenhaw JJ, Kimbrough J, Lyle RE, Jernigan S, Zhao W, Hobbs CA. Quality of human DNA from buccal cytobrushes depends on storage conditions. Poster. *Am J Hum Genet*. 2003;73:A1412:411.
307. Krakowiak PA. Dry buccal update. *National Birth Defects Prevention Study Annual Meeting*, San Francisco, California. November 13, 2003.
308. Krakowiak PA. Genetic Factors and Birth Defects. *ACHRI Scientific Advisory Board*, ACHRI, Little Rock, AR. November 21, 2003.
309. Lin AE, Botto L, Ghaffar S, Cosper C, Correa A, and the National Birth Defects Study. Classification of cardiovascular malformations in the National Birth Defects Prevention Study. *Am J Hum Genet* 2003;73S, 15A. Platform presentation at the *Am Soc Hum Genet Meeting* Los Angeles, October 2003.
310. Lin AE. Classification of cardiovascular malformations in the National Birth Defects Prevention Study *UCLA Dept. Pediatrics, Division of Cardiology Seminar*. October 29, 2003.
311. Lin AE. The National Birth Defects Prevention Study. *The New England Regional Genetic Group (NERGG) Annual Meeting*. Durham, NH, December 4, 2003.

312. Louik C, Honein M, Werler M, Hernandez-Diaz S, Mitchell AA. Herbal Use in Pregnancy: A Tale of Two Studies. *National Children's Study Workshop, Use of Herbal Products in Pregnancy, Breastfeeding, and Childhood*. December 16, 2003, Atlanta, GA.

**2001**

313. Hobbs CA. Arkansas Children's Hospital Research Institute. Scientific Advisory Meeting. *Arkansas Center for Birth Defects Research and Prevention*. Little Rock, Arkansas. February 9, 2001.
314. Simmons CJ, Hopkins SE, Fulton CA, Hobbs CA. Sources of Variability in Birth Defects Prevalence Rates. *Frontiers in Fetal Health: A Global Perspective*. 2001;3:55.

**2000**

315. Hobbs CA. Arkansas Perinatal Board. *Birth Defects Surveillance, Research, and Prevention in Arkansas*. Little Rock, Arkansas. September 29, 2000. Scheuerle AE, Wright D. Ethical Issues Encountered in the Establishment of the Texas Birth Defects Research Center. Poster presented at the *American College of Medical Genetics Annual Meeting*, March 9-12, 2000, Palm Springs, CA. Agopian, A. J., Tinker, S. C., Lupo, P. J., Canfield, M. A., & Mitchell, L. E. (2013). Proportion of neural tube defects attributable to known risk factors. *Birth Defects Res A Clin Mol Teratol*, 97(1), 42-46.