

National Birth Defects Prevention Study

Published/In Press Manuscripts

2022

1. Li J, Yang W, Wang YJ, Ma C, Curry CJ, McGoldrick D, Nickerson DA, Chong JX, Blue EE, Mullikin JC, Reefhuis J, Nembhard WN, Romitti PA, Werler MM, Browne ML, Olshan AF, Finnell RH, Feldkamp ML, Pangilinan F, Almli LM, Bamshad MJ, Brody LC, Jenkins MM, Shaw GM; NISC Comparative Sequencing Program; University of Washington Center for Mendelian Genomics; National Birth Defects Prevention Study. Exome sequencing identifies genetic variants in anophthalmia and microphthalmia. *Am J Med Genet A*. 2022 Aug;188(8):2376-2388. doi: 10.1002/ajmg.a.62874. Epub 2022 Jun 18. PMID: 35716026; PMCID: PMC9283271.
- 2.
3. Bolin EH, Gokun Y, Romitti PA, Tinker SC, Summers AD, Roberson PK, Hobbs CA, Malik S, Botto LD, Nembhard WN; National Birth Defects Prevention Study. (2022). Maternal Smoking and Congenital Heart Defects, National Birth Defects Prevention Study, 1997-2011. *J Pediatr*, 240:79-86.e1. doi: 10.1016/j.jpeds.2021.09.005. PMID: 34508749; PMCID: PMC8712361
4. Fisher SC, Howley MM, Romitti PA, Desrosiers TA, Jabs EW, Browne ML; National Birth Defects Prevention Study. Maternal periconceptional alcohol consumption and gastroschisis in the National Birth Defects Prevention Study, 1997-2011. *Paediatr Perinat Epidemiol*. doi: 10.1111/ppe.12882. Epub ahead of print. PMID: 35437856
5. Howley MM, Williford E, Agopian AJ, Lin AE, Botto LD, Cunniff CM, Romitti PA, Nestoridi E, Browne ML; National Birth Defects Prevention Study. (2002). Patterns of multiple congenital anomalies in the National Birth Defect Prevention Study: Challenges and insights. *Birth Defects Res*, doi: 10.1002/bdr2.2003. Epub ahead of print. PMID: 35277952.
6. Hsu, P. C., Maity, S., Patel, J., Lupo, P. J., & Nembhard, W. N. (2022). Metabolomics Signatures and Subsequent Maternal Health among Mothers with a Congenital Heart Defect-Affected Pregnancy. *Metabolites*, 12(2), 100.
7. Kerr, S., Heinke, D., Yazdy, M. M., Mitchell, A. A., Darling, A. M., Lin, A., ... & National Birth Defects Prevention Study. (2002). Use of vasoactive medications in pregnancy and the risk of stillbirth among birth defect cases. *Birth Defects Research*.
8. Nalbandyan M, Howley MM, Cunniff CM, Leckman-Westin E, Browne ML. (2022). Descriptive and risk factor analysis of infantile cataracts: National Birth Defects Prevention Study, 2000-2011. *Am J Med Genet A*, 188(2):509-521. doi: 10.1002/ajmg.a.62546. PMID: 34687277.

9. Palmsten K, Suhl J, Conway KM, Kharbanda EO, Ailes EC, Cragan JD, Nestoridi E, Papadopoulos EA, Kerr SM, Young SG, DeStefano F, Romitti PA; National Birth Defects Prevention Study. Influenza vaccination during pregnancy and risk of selected major structural noncardiac birth defects, National Birth Defects Prevention Study 2006-2011. *Pharmacoepidemiol Drug Saf*. doi: 10.1002/pds.5435. Epub ahead of print. PMID: 35366035.
10. Papadopoulos EA, Fisher SC, Howley MM, Browne ML; National Birth Defects Prevention Study. (2022). Maternal hereditary hemolytic anemia and birth defects in the National Birth Defects Prevention Study. *Birth Defects Res*, 10.1002/bdr2.2000. Epub ahead of print. PMID: 35247031.
11. Pitsava G, Feldkamp ML, Pankratz N, Lane J, Kay DM, Conway KM, Hobbs C, Shaw GM, Reefhuis J, Jenkins MM, Almli LM, Moore C, Werler M, Browne ML, Cunniff C, Olshan AF, Pangilinan F, Brody LC, Sicko RJ, Finnell RH, Bamshad MJ, McGoldrick D, Nickerson DA, Mullikin JC, Romitti PA, Mills JL; UW Center for Mendelian Genomics, NISC Comparative Sequencing Program and the National Birth Defects Prevention Study. Exome sequencing identifies variants in infants with sacral agenesis. *Birth Defects Res*. doi: 10.1002/bdr2.1987. Epub 2022 Mar 10. PMID: 35274497.
12. Rashkin SR, Cleves M, Shaw GM, Nembhard WN, Nestoridi E, Jenkins MM, Romitti PA, Lou XY, Browne ML, Mitchell LE, Olshan AF, Lomangino K, Bhattacharyya S, Witte JS, Hobbs CA; National Birth Defects Prevention Study. A genome-wide association study of obstructive heart defects among participants in the National Birth Defects Prevention Study. *Am J Med Genet A*. doi: 10.1002/ajmg.a.62759. Epub ahead of print. PMID: 35451555.
13. Siegel MR, Rocheleau CM, Broadwater K, Santiago-Colón A, Johnson CY, Herdt ML, Chen IC, Lawson CC. (2022). National Birth Defects Prevention Study. Maternal occupation as a nail technician or hairdresser during pregnancy and birth defects, National Birth Defects Prevention Study, 1997-2011. *Occup Environ Med*, (1):17-23. doi: 10.1136/oemed-2021-107561. PMID: 34193593.
14. Simmons, W., Lin, S., Luben, T. J., Sheridan, S. C., Langlois, P. H., Shaw, G. M., ... & Stingone, J. A. (2022). Modeling complex effects of exposure to particulate matter and extreme heat during pregnancy on congenital heart defects: A US population-based case-control study in the National Birth Defects Prevention Study. *Science of The Total Environment*, 808, 152150.
15. Wong EC, Fisher SC, Feldkamp ML, Romitti PA, Nestoridi E, Desrosiers TA; National Birth Defects Prevention Study. (2022). Factors associated with maternal consent for use of residual newborn bloodspots in the National Birth Defects Prevention Study. *Birth Defects Res*, doi: 10.1002/bdr2.1991. Epub ahead of print. PMID: 35194969.

16. Zaganjor I, Keil AP, Luben TJ, Desrosiers TA, Engel LS, Reefhuis J, Michalski AM, Langlois PH, Olshan AF; National Birth Defects Prevention Study. Is maternal employment site a source of exposure misclassification in studies of environmental exposures and birth outcomes? A simulation-based bias analysis of haloacetic acids in tap water and hypospadias. *Environ Epidemiol*. doi: 10.1097/EE9.0000000000000207. PMID: 35434460.

2021

17. Cao, Y., Rhoads, A., Burns, T., Carnahan, R. M., Conway, K. M., Werler, M. M., ... & Romitti, P. (2021). Maternal use of cough medications during early pregnancy and selected birth defects: a US multisite, case-control study. *BMJ open*, 11(12), e053604.
18. Howley, M. M., Werler, M. M., Fisher, S. C., Van Zutphen, A. R., Carmichael, S. L., Broussard, C. S., ... & National Birth Defects Prevention Study. (2021). Maternal exposure to hydroxychloroquine and birth defects. *Birth defects research*, 113(17), 1245-1256. doi: 10.1002/bdr2.1943.
19. Interrante JD, Scroggs SLP, Hogue CJ, Friedman JM, Reefhuis J, Jann MW, Broussard CS; National Birth Defects Prevention Study. (2021) Prescription opioid use during pregnancy and risk for preterm birth or term low birthweight. *J Opioid Manag*. 2021 May-Jun;17(3):215-225. doi: 10.5055/jom.2021.0632. PMID: 34259333.
20. Johnson, C. Y., Rocheleau, C. M., Howley, M. M., Chiu, S. K., Arnold, K. E., Ailes, E. C., & National Birth Defects Prevention Study. (2021). Characteristics of Women with Urinary Tract Infection in Pregnancy. *Journal of Women's Health*. 1556-1564. doi: 10.1089/jwh.2020.8946. Epub 2021 Sep 1. PMID: 34491115.
21. Johnson C. Y., Honein M. A., Rasmussen S. A., Howards P. P., Strickland M. J., Flanders W. D., National Birth Defects Prevention Study. (2021). Prepregnancy body mass index and spina bifida: Potential contributions of bias. *Birth Defects Res*. doi:10.1002/bdr2.1877
22. Lei Y., Ludorf K. L., Yu X., Benjamin R. H., Gu X., Lin Y., Finnell R. H., Mitchell L. E., Musfee F. I., . . . , Agopian A. J. (2021). Maternal Hypertension-Related Genotypes and Congenital Heart Defects. *Am J Hypertens*, 34(1),82-91. doi: 10.1093/ajh/hpaa116
23. Patel J., Bircan E., Tang X., Orloff M., Hobbs C. A., Browne M. L., Botto L. D., Finnell R. H. , . . . , National Birth Defects Prevention Study. (2021) Paternal genetic variants and risk of obstructive heart defects: A parent-of-origin approach. *PLoS Genet*,

17(3):e1009413. doi: 10.1371/journal.pgen.1009413. PMID: 33684136; PMCID: PMC7971842.

24. Petersen, J. M., Yazdy, M. M., Getz, K. D., Anderka, M. T., Werler, M. M., & National Birth Defects Prevention Study. (2021). Short interpregnancy intervals and risks for birth defects: support for the nutritional depletion hypothesis. *Am J Clin Nutr*. doi: 10.1093/ajcn/nqaa436. Epub ahead of print.
25. Pitsava, G., Feldkamp, M. L., Pankratz, N., Lane, J., Kay, D. M., Conway, K. M., ... & University of Washington Center for Mendelian Genomics, NISC Comparative Sequencing Program and the National Birth Defects Prevention Study. (2021). Exome sequencing of child–parent trios with bladder exstrophy: Findings in 26 children. *American Journal of Medical Genetics Part A*, 185(10), 3028-3041.
26. Santiago-Colón A, Rocheleau CM, Bertke S, Christianson A, Collins DT, Trester-Wilson E, Sanderson W, Waters MA, Reefhuis J; National Birth Defects Prevention Study. (2021). Testing and Validating Semi-automated Approaches to the Occupational Exposure Assessment of Polycyclic Aromatic Hydrocarbons. *Ann Work Expo Health*. doi: 10.1093/annweh/wxab002. PMID: 33889928; PMCID: PMC8435754.
27. Schragger, N. L., Adrien, N., Werler, M. M., Parker, S. E., Van Bennekom, C., Mitchell, A. A., & National Birth Defects Prevention Study. (2021). Trends in first-trimester nausea and vomiting of pregnancy and use of select treatments: Findings from the National Birth Defects Prevention Study. *Paediatr Perinat Epidemiol*, 35(1),57-64. doi:10.1111/ppe.12705
28. Tinker, S. C., Gilboa, S. M., Moore, C. A., Waller, D. K., Simeone, R. M., Kim, S. Y., ... & National Birth Defects Prevention Study. (2021). Modification of the association between diabetes and birth defects by obesity, National Birth Defects Prevention Study, 1997–2011. *Birth Defects Research*. 113(14):1084-1097. doi: 10.1002/bdr2.1900.

2020

29. Adrien, N., Petersen, J. M., Parker, S. E., & Werler, M. M. Vasoactive exposures and risk of amniotic band syndrome and terminal transverse limb deficiencies. *Birth Defects Res*, 112(14), 1074-1084. doi:10.1002/bdr2.1740
30. Anderson, K. N., Ailes, E. C., Lind, J. N., Broussard, C. S., Bitsko, R. H., Friedman, J. M., . . . National Birth Defects Prevention, S. (2020). Atypical antipsychotic use during pregnancy and birth defect risk: National Birth Defects Prevention Study, 1997-2011. *Schizophr Res*, 215, 81-88. doi:10.1016/j.schres.2019.11.019

31. Anderson, K. N., Dutton, A. C., Broussard, C. S., Farr, S. L., Lind, J. N., Visser, S. N., . . . Tinker, S. C. (2020). ADHD Medication Use During Pregnancy and Risk for Selected Birth Defects: National Birth Defects Prevention Study, 1998-2011. *J Atten Disord*, 24(3), 479-489. doi:10.1177/1087054718759753
32. Anderson, K. N., Lind, J. N., Simeone, R. M., Bobo, W. V., Mitchell, A. A., Riehle-Colarusso, T., Polen, K. N., Reefhuis, J., & National Birth Defects Prevention Study. (2020). Maternal use of specific antidepressant medications during early pregnancy and the risk of selected birth defects. *JAMA psychiatry*, 77(12), 1246-1255. doi:10.1001/jamapsychiatry.2020.2453
33. Carmichael, S. L., Ma, C., Witte, J. S., Yang, W., Rasmussen, S. A., Brunelli, L., . . . National Birth Defects Prevention Study. (2020). Congenital diaphragmatic hernia and maternal dietary nutrient pathways and diet quality. *Birth Defects Res*, 112(18), 1475-1483. doi:10.1002/bdr2.1770
34. Collins, R. T., 2nd, Yang, W., Carmichael, S. L., Bolin, E. H., Nembhard, W. N., Shaw, G. M., & National Birth Defects Prevention, S. (2020). Maternal dietary fat intake and the risk of congenital heart defects in offspring. *Pediatr Res*, 88(5), 804-809. doi:10.1038/s41390-020-0813-x
35. Fisher, S. C., Siag, K., Howley, M. M., Van Zutphen, A. R., Reefhuis, J., Browne, M. L., & National Birth Defects Prevention, S. (2020). Maternal surgery and anesthesia during pregnancy and risk of birth defects in the National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 112(2), 162-174. doi:10.1002/bdr2.1616
36. Hansen, C., Desrosiers, T. A., Wisniewski, K., Strickland, M. J., Werler, M. M., & Gilboa, S. M. (2020). Use of antihistamine medications during early pregnancy and selected birth defects: The National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 112(16), 1234-1252. doi:10.1002/bdr2.1749
37. Heinke, D., Nestoridi, E., Hernandez-Diaz, S., Williams, P. L., Rich-Edwards, J. W., Lin, A. E., . . . National Birth Defects Prevention, S. (2020). Risk of Stillbirth for Fetuses With Specific Birth Defects. *Obstet Gynecol*, 135(1), 133-140. doi:10.1097/AOG.0000000000003614
38. Heinke, D., Rich-Edwards, J. W., Williams, P. L., Hernandez-Diaz, S., Anderka, M., Fisher, S. C., . . . National Birth Defects Prevention, S. (2020). Quantification of selection bias in studies of risk factors for birth defects among livebirths. *Paediatr Perinat Epidemiol*, 34(6), 655-664. doi:10.1111/ppe.12650
39. Howley, M. M., Papadopoulos, E. A., Van Bennekom, C. M., Van Zutphen, A. R., Carmichael, S. L., Munsie, J. W., . . . National Birth Defects Prevention Study. (2020). Asthma Medication Use and Risk of Birth Defects: National Birth Defects Prevention

Study, 1997-2011. *J Allergy Clin Immunol Pract*, 8(10), 3490-3499.e9.
doi:10.1016/j.jaip.2020.07.033

40. Hoyt, A. T., Ramadhani, T., Le, M. T., Shumate, C. J., Canfield, M. A., Scheuerle, A. E., & National Birth Defects Prevention, S. (2020). Acculturation and selected birth defects among non-Hispanic Blacks in a population-based case-control study. *Birth Defects Res*, 112(7), 535-554. doi:10.1002/bdr2.1665
41. Louden, A. R., Suhl, J., Kancherla, V., Caspers Conway, K. M., Makelarski, J., Howley, M. M., . . . National Birth Defects Prevention, S. (2020). Association between maternal periconceptional alcohol consumption and neural tube defects: Findings from the National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 112(5), 427-439. doi:10.1002/bdr2.1656
42. Lyu, C., Webber, D. M., MacLeod, S. L., Hobbs, C. A., Li, M., & National Birth Defects Prevention, S. (2020). Gene-by-gene interactions associated with the risk of conotruncal heart defects. *Mol Genet Genomic Med*, 8(1), e1010. doi:10.1002/mgg3.1010
43. Moore, K. J., Carmichael, S. L., Forestieri, N. E., Desrosiers, T. A., Meyer, R. E., Freedman, S. F., . . . National Birth Defects Prevention, S. (2020). Maternal diet as a risk factor for primary congenital glaucoma and defects of the anterior segment of the eye in the National Birth Defects Prevention Study. *Birth Defects Res*, 112(6), 503-514. doi:10.1002/bdr2.1664
44. Patel, J., Nembhard, W. N., Politis, M. D., Rocheleau, C. M., Langlois, P. H., Shaw, G. M., . . . National Birth Defects Prevention, S. (2020). Maternal occupational exposure to polycyclic aromatic hydrocarbons and the risk of isolated congenital heart defects among offspring. *Environ Res*, 186, 109550. doi:10.1016/j.envres.2020.109550
45. Santiago-Colon, A., Rocheleau, C. M., Chen, I. C., Sanderson, W., Waters, M. A., Lawson, C. C., . . . National Birth Defects Prevention, S. (2020). Association between maternal occupational exposure to polycyclic aromatic hydrocarbons and rare birth defects of the face and central nervous system. *Birth Defects Res*, 112(5), 404-417. doi:10.1002/bdr2.1643
46. Spinder, N., Almli, L. M., Desrosiers, T. A., Arnold, K. E., Bergman, J. E. H., Kromhout, H., . . . Reefhuis, J. (2020). Maternal occupational exposure to solvents and gastroschisis in offspring - National Birth Defects Prevention Study 1997-2011. *Occup Environ Med*, 77(3), 172-178. doi:10.1136/oemed-2019-106147
47. Stephenson, B. J. K., Herring, A. H., & Olshan, A. (2020). Robust Clustering With Subpopulation-Specific Deviations. *Journal of the American Statistical Association*, 115(530), 521-537. doi:10.1080/01621459.2019.1611583

48. Suhl, J., Conway, K. M., Rhoads, A., Langlois, P. H., Feldkamp, M. L., Michalski, A., . . . National Birth Defects Prevention, S. (2020). Pre-pregnancy dietary arsenic consumption among women in the United States. *Birth Defects Res*, 112(3), 270-277. doi:10.1002/bdr2.1634
49. Tinker, S. C., Gilboa, S. M., Moore, C. A., Waller, D. K., Simeone, R. M., Kim, S. Y., . . . National Birth Defects Prevention, S. (2020). Specific birth defects in pregnancies of women with diabetes: National Birth Defects Prevention Study, 1997-2011. *Am J Obstet Gynecol*, 222(2), 176.e1-176.e11. doi:10.1016/j.ajog.2019.08.028
50. Weber, K. A., Carmichael, S. L., Yang, W., Tinker, S. C., Shaw, G. M., & National Birth Defects Prevention Study. (2020). Periconceptional stressors and social support and risk for adverse birth outcomes. *BMC Pregnancy Childbirth*, 20(1), 487. doi:10.1186/s12884-020-03182-6
51. Zaganjor, I., Carmichael, S. L., Agopian, A. J., Olshan, A. F., Desrosiers, T. A., & National Birth Defects Prevention, S. (2020). Differences in pre-pregnancy diet quality by occupation among employed women. *Public Health Nutr*, 23(11), 1974-1981. doi:10.1017/S1368980019003926
52. Zaganjor I., Luben T. J., Desrosiers T. A., Keil A. P., Engel L. S., Michalski A. M., . . . The National Birth Defects Prevention Study. (2020). Maternal Exposure to Disinfection By-Products and Risk of Hypospadias in the National Birth Defects Prevention Study (2000-2005). *Int J Environ Res Public Health*, 17(24):9564. doi: 10.3390/ijerph17249564

2019

53. Alman, B. L., Stingone, J. A., Yazdy, M., Botto, L. D., Desrosiers, T. A., Pruitt, S., . . . National Birth Defects Prevention, S. (2019). Associations between PM2.5 and risk of preterm birth among liveborn infants. *Ann Epidemiol*, 39, 46-53. doi:10.1016/j.annepidem.2019.09.008
54. Benjamin, R. H., Mitchell, L. E., Canfield, M. A., Hoyt, A. T., Lai, D., Ramadhani, T. A., . . . National Birth Defects Prevention, S. (2019). Fish consumption prior to pregnancy and pregnancy outcomes in the National Birth Defects Prevention Study, 1997-2011. *Public Health Nutr*, 22(2), 336-343. doi:10.1017/S1368980018002641
55. Carmichael, S. L., Ma, C., Feldkamp, M. L., & Shaw, G. M. (2019). Comparing Usual Dietary Intakes Among Subgroups of Mothers in the Year Before Pregnancy. *Public Health Rep*, 134(2), 155-163. doi:10.1177/0033354918821078
56. Choi, G., Stingone, J. A., Desrosiers, T. A., Olshan, A. F., Nembhard, W. N., Shaw, G. M., . . . National Birth Defects Prevention, S. (2019). Maternal exposure to outdoor air pollution and congenital limb deficiencies in the National Birth Defects Prevention

Study. *Environ Res*, 179(Pt A), 108716. doi:10.1016/j.envres.2019.108716

57. Downing, K. F., Riehle-Colarusso, T., Gilboa, S. M., Lin, A. E., Oster, M. E., Tinker, S. C., . . . National Birth Defects Prevention, S. (2019). Potential risk factors for Ebstein anomaly, National Birth Defects Prevention Study, 1997-2011. *Cardiol Young*, 29(6), 819-827. doi:10.1017/S1047951119000970
58. Feldkamp, M. L., Arnold, K. E., Krikov, S., Reefhuis, J., Almli, L. M., Moore, C. A., & Botto, L. D. (2019). Risk of gastroschisis with maternal genitourinary infections: the US National birth defects prevention study 1997-2011. *BMJ Open*, 9(3), e026297. doi:10.1136/bmjopen-2018-026297
59. Forestieri, N. E., Desrosiers, T. A., Freedman, S. F., Aylsworth, A. S., Voltzke, K., Olshan, A. F., . . . National Birth Defects Prevention, S. (2019). Risk factors for primary congenital glaucoma in the National Birth Defects Prevention Study. *Am J Med Genet A*, 179(9), 1846-1856. doi:10.1002/ajmg.a.61296
60. Hoang, T. T., Lei, Y., Mitchell, L. E., Sharma, S. V., Swartz, M. D., Waller, D. K., . . . National Birth Defects Prevention, S. (2019). Maternal Lactase Polymorphism (rs4988235) Is Associated with Neural Tube Defects in Offspring in the National Birth Defects Prevention Study. *J Nutr*, 149(2), 295-303. doi:10.1093/jn/nxy246
61. Hoang, T. T., Lei, Y., Mitchell, L. E., Sharma, S. V., Swartz, M. D., Waller, D. K., . . . National Birth Defects Prevention, S. (2019). Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. *Mol Genet Genomic Med*, 7(6), e688. doi:10.1002/mgg3.688
62. Hoyt, A. T., Shumate, C. J., Canfield, M. A., Le, M., Ramadhani, T., Scheuerle, A. E., & National Birth Defects Prevention, S. (2019). Selected acculturation factors and birth defects in the National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 111(10), 598-612. doi:10.1002/bdr2.1494
63. Jenkins, M. M., Almli, L. M., Pangilinan, F., Chong, J. X., Blue, E. E., Shapira, S. K., . . . National Birth Defects Prevention, S. (2019). Exome sequencing of family trios from the National Birth Defects Prevention Study: Tapping into a rich resource of genetic and environmental data. *Birth Defects Res*, 111(20), 1618-1632. doi:10.1002/bdr2.1554
64. Nalbandyan, M., Howley, M. M., Cunniff, C. M., Romitti, P. A., Browne, M. L., & National Birth Defects Prevention, S. (2019). Descriptive and risk factor analysis of nonsyndromic sacral agenesis: National Birth Defects Prevention Study, 1997-2011. *Am J Med Genet A*, 179(9), 1799-1814. doi:10.1002/ajmg.a.61290
65. Pace, N. D., Siega-Riz, A. M., Olshan, A. F., Chescheir, N. C., Cole, S. R., Desrosiers, T. A., . . . National Birth Defects Prevention, S. (2019). Survival of infants with spina bifida

and the role of maternal prepregnancy body mass index. *Birth Defects Res*, 111(16), 1205-1216. doi:10.1002/bdr2.1552

66. Paige, S. L., Yang, W., Priest, J. R., Botto, L. D., Shaw, G. M., Collins, R. T., 2nd, & National Birth Defects Prevention, S. (2019). Risk factors associated with the development of double-inlet ventricle congenital heart disease. *Birth Defects Res*, 111(11), 640-648. doi:10.1002/bdr2.1501
67. Raut, J. R., Simeone, R. M., Tinker, S. C., Canfield, M. A., Day, R. S., & Agopian, A. J. (2019). Proportion of Orofacial Clefts Attributable to Recognized Risk Factors. *Cleft Palate Craniofac J*, 56(2), 151-158. doi:10.1177/1055665618774019
68. Ryan, M. A., Olshan, A. F., Canfield, M. A., Hoyt, A. T., Scheuerle, A. E., Carmichael, S. L., . . . National Birth Defects Prevention, S. (2019). Sociodemographic, health behavioral, and clinical risk factors for anotia/microtia in a population-based case-control study. *Int J Pediatr Otorhinolaryngol*, 122, 18-26. doi:10.1016/j.ijporl.2019.03.026
69. Siegel, M., Rocheleau, C. M., Johnson, C. Y., Waters, M. A., Lawson, C. C., Riehle-Colarusso, T., . . . National Birth Defects Prevention, S. (2019). Maternal Occupational Oil Mist Exposure and Birth Defects, National Birth Defects Prevention Study, 1997-2011. *Int J Environ Res Public Health*, 16(9), 1560. doi:10.3390/ijerph16091560
70. Tinker, S. C., Reefhuis, J., Bitsko, R. H., Gilboa, S. M., Mitchell, A. A., Tran, E. L., . . . National Birth Defects Prevention, S. (2019). Use of benzodiazepine medications during pregnancy and potential risk for birth defects, National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 111(10), 613-620. doi:10.1002/bdr2.1497
71. Zhang, W., Spero, T. L., Nolte, C. G., Garcia, V. C., Lin, Z., Romitti, P. A., . . . National Birth Defects Prevention, S. (2019). Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States. *J Am Heart Assoc*, 8(3), e010995. doi:10.1161/JAHA.118.010995

2018

72. Carmichael, S. L., Ma, C., Van Zutphen, A. R., Moore, C. A., Shaw, G. M., & National Birth Defects Prevention, S. (2018). Women's periconceptional diet and risk of biliary atresia in offspring. *Birth Defects Res*, 110(12), 994-1000. doi:10.1002/bdr2.1340
73. Desrosiers, T. A., Siega-Riz, A. M., Mosley, B. S., Meyer, R. E., & National Birth Defects Prevention, S. (2018). Low carbohydrate diets may increase risk of neural tube defects. *Birth Defects Res*, 110(11), 901-909. doi:10.1002/bdr2.1198
74. Dukhovny, S., Van Bennekom, C. M., Gagnon, D. R., Hernandez Diaz, S., Parker, S. E., Anderka, M., . . . Mitchell, A. A. (2018). Metformin in the first trimester and risks for specific birth defects in the National Birth Defects Prevention Study. *Birth Defects Res*,

110(7), 579-586. doi:10.1002/bdr2.1199

75. Fisher, S. C., Van Zutphen, A. R., Romitti, P. A., Browne, M. L., & National Birth Defects Prevention, S. (2018). Maternal Hypertension, Antihypertensive Medication Use, and Small for Gestational Age Births in the National Birth Defects Prevention Study, 1997-2011. *Matern Child Health J*, 22(2), 237-246. doi:10.1007/s10995-017-2395-8
76. Fisher, S. C., Van Zutphen, A. R., Werler, M. M., Romitti, P. A., Cunniff, C., Browne, M. L., & National Birth Defects Prevention, S. (2018). Maternal antihypertensive medication use and selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res*, 110(19), 1433-1442. doi:10.1002/bdr2.1372
77. Howley, M. M., Feldkamp, M. L., Papadopoulos, E. A., Fisher, S. C., Arnold, K. E., Browne, M. L., & National Birth Defects Prevention, S. (2018). Maternal genitourinary infections and risk of birth defects in the National Birth Defects Prevention Study. *Birth Defects Res*, 110(19), 1443-1454. doi:10.1002/bdr2.1409
78. Howley, M. M., Keppler-Noreuil, K. M., Cunniff, C. M., Browne, M. L., & National Birth Defects Prevention, S. (2018). Descriptive epidemiology of cerebellar hypoplasia in the National Birth Defects Prevention Study. *Birth Defects Res*, 110(19), 1419-1432. doi:10.1002/bdr2.1388
79. Hoyt, A. T., Canfield, M. A., Romitti, P. A., Botto, L. D., Anderka, M. T., Krikov, S. V., & Feldkamp, M. L. (2018). Does Maternal Exposure to Secondhand Tobacco Smoke During Pregnancy Increase the Risk for Preterm or Small-for-Gestational Age Birth? *Matern Child Health J*, 22(10), 1418-1429. doi:10.1007/s10995-018-2522-1
80. Johnson, C. Y., Howards, P. P., Strickland, M. J., Waller, D. K., Flanders, W. D., & National Birth Defects Prevention, S. (2018). Multiple bias analysis using logistic regression: an example from the National Birth Defects Prevention Study. *Ann Epidemiol*, 28(8), 510-514. doi:10.1016/j.annepidem.2018.05.009
81. Lin Shao, L. Z., Ou Yanqiu, Soim Aida, Shrestha Srishti, Lu Yi, Sheridan Scott, Luben Thomas J., Fitzgerald Edward, Bell Erin, Shaw Gary M., Reefhuis Jennita, Langlois Peter H., Romitti Paul, Feldkamp Marcia L., Malik Sadia, Pantea Cristian, Seema Nayak, Hwang Syni-An, Browne Marilyn. (2018). Maternal ambient heat exposure during early pregnancy in summer and spring and congenital heart defects – A large US population-based, case-control study. *Environment International*, 118, 211-221.
82. Nembhard, W. N., Tang, X., Li, J., MacLeod, S. L., Levy, J., Schaefer, G. B., . . . National Birth Defects Prevention, S. (2018). A parent-of-origin analysis of paternal genetic variants and increased risk of conotruncal heart defects. *Am J Med Genet A*, 176(3), 609-617. doi:10.1002/ajmg.a.38611

83. Pace, N. D., Desrosiers, T. A., Carmichael, S. L., Shaw, G. M., Olshan, A. F., Siega-Riz, A. M., & National Birth Defects Prevention, S. (2018). Antioxidant Consumption is Associated with Decreased Odds of Congenital Limb Deficiencies. *Paediatr Perinat Epidemiol*, 32(1), 90-99. doi:10.1111/ppe.12403
84. Parker, S. E., Van Bennekom, C., Anderka, M., Mitchell, A. A., & National Birth Defects Prevention, S. (2018). Ondansetron for Treatment of Nausea and Vomiting of Pregnancy and the Risk of Specific Birth Defects. *Obstet Gynecol*, 132(2), 385-394. doi:10.1097/AOG.0000000000002679
85. Soim, A., Sheridan, S. C., Hwang, S. A., Hsu, W. H., Fisher, S. C., Shaw, G. M., . . . National Birth Defects Prevention, S. (2018). A population-based case-control study of the association between weather-related extreme heat events and orofacial clefts. *Birth Defects Res*, 110(19), 1468-1477. doi:10.1002/bdr2.1385
86. Suhl, J., Leonard, S., Weyer, P., Rhoads, A., Siega-Riz, A. M., Renee Anthony, T., . . . Romitti, P. A. (2018). Maternal arsenic exposure and nonsyndromic orofacial clefts. *Birth Defects Res*, 110(19), 1455-1467. doi:10.1002/bdr2.1386
87. Suhl, J., Romitti, P. A., Cao, Y., Rocheleau, C. M., Burns, T. L., Conway, K., . . . National Birth Defects Prevention, S. (2018). Maternal occupational cadmium exposure and nonsyndromic orofacial clefts. *Birth Defects Res*, 110(7), 603-609. doi:10.1002/bdr2.1202
88. Suhl, J., Romitti, P. A., Rocheleau, C., Cao, Y., Burns, T. L., Conway, K., . . . National Birth Defects Prevention, S. (2018). Parental occupational pesticide exposure and nonsyndromic orofacial clefts. *J Occup Environ Hyg*, 15(9), 641-653. doi:10.1080/15459624.2018.1484127
89. Tang, X., Eberhart, J. K., Cleves, M. A., Li, J., Li, M., MacLeod, S., . . . Hobbs, C. A. (2018). PDGFRA gene, maternal binge drinking and obstructive heart defects. *Sci Rep*, 8(1), 11083. doi:10.1038/s41598-018-29160-9
90. Waller, D. K., Hashmi, S. S., Hoyt, A. T., Duong, H. T., Tinker, S. C., Gallaway, M. S., . . . National Birth Defects Prevention, S. (2018). Maternal report of fever from cold or flu during early pregnancy and the risk for noncardiac birth defects, National Birth Defects Prevention Study, 1997-2011. *Birth Defects Res*, 110(4), 342-351. doi:10.1002/bdr2.1147
91. Weber, K. A., Yang, W., Carmichael, S. L., Lupo, P. J., Dukhovny, S., Yazdy, M. M., . . . National Birth Defects Prevention, S. (2018). An application of data mining to identify potential risk factors for anophthalmia and microphthalmia. *Paediatr Perinat Epidemiol*, 32(6), 545-555. doi:10.1111/ppe.12509

92. Weber, K. A., Yang, W., Carmichael, S. L., Shaw, G. M., & National Birth Defects Prevention, S. (2018). Nutrient intake in women before conception and risks of anophthalmia and microphthalmia in their offspring. *Birth Defects Res*, 110(10), 863-870. doi:10.1002/bdr2.1201
93. Werler, M. M., Guery, E., Waller, D. K., & Parker, S. E. (2018). Gastroschisis and Cumulative Stressor Exposures. *Epidemiology*, 29(5), 721-728. doi:10.1097/EDE.0000000000000860
94. Weyer, P., Rhoads, A., Suhl, J., Luben, T. J., Conway, K. M., Langlois, P. H., . . . National Birth Defects Prevention, S. (2018). Drinking water disinfection byproducts and risk of orofacial clefts in the National Birth Defects Prevention Study. *Birth Defects Res*, 110(12), 1027-1042. doi:10.1002/bdr2.1348

2017

95. Alman, B. L., Coffman, E., Siega-Riz, A. M., Luben, T. J., & National Birth Defects Prevention, S. (2017). Associations between Maternal Water Consumption and Birth Defects in the National Birth Defects Prevention Study (2000-2005). *Birth Defects Res*, 109(3), 193-202. doi:10.1002/bdra.23569
96. Carmichael, S. L., Ma, C., Shaw, G. M., & National Birth Defects Prevention, S. (2017). Maternal Smoking, Alcohol, and Caffeine Exposures and Risk of Hypospadias. *Birth Defects Res*, 109(14), 1127-1133. doi:10.1002/bdr2.1044
97. Carmichael, S. L., Ma, C., Tinker, S., Shaw, G. M., & National Birth Defects Prevention, S. (2017). Maternal Stressors and Social Support and Risks of Delivering Babies With Gastroschisis or Hypospadias. *Am J Epidemiol*, 185(12), 1240-1246. doi:10.1093/aje/kww121
98. Fisher, S. C., Van Zutphen, A. R., Werler, M. M., Lin, A. E., Romitti, P. A., Druschel, C. M., . . . National Birth Defects Prevention, S. (2017). Maternal Antihypertensive Medication Use and Congenital Heart Defects: Updated Results From the National Birth Defects Prevention Study. *Hypertension*, 69(5), 798-805. doi:10.1161/HYPERTENSIONAHA.116.08773
99. Howley, M. M., Fisher, S. C., Van Zutphen, A. R., Waller, D. K., Carmichael, S. L., Browne, M. L., & National Birth Defects Prevention, S. (2017). Thyroid Medication Use and Birth Defects in the National Birth Defects Prevention Study. *Birth Defects Res*, 109(18), 1471-1481. doi:10.1002/bdr2.1095
100. Interrante, J. D., Ailes, E. C., Lind, J. N., Anderka, M., Feldkamp, M. L., Werler, M. M., . . . National Birth Defects Prevention, S. (2017). Risk comparison for prenatal use of analgesics and selected birth defects, National Birth Defects Prevention Study 1997-

2011. *Ann Epidemiol*, 27(10), 645-653 e642. doi:10.1016/j.annepidem.2017.09.003
101. Jenkins, M. M., Reefhuis, J., Herring, A. H., & Honein, M. A. (2017). Impact of sample collection participation on the validity of estimated measures of association in the National Birth Defects Prevention Study when assessing gene-environment interactions. *Genet Epidemiol*, 41(8), 834-843. doi:10.1002/gepi.22088
 102. Johnson, C. Y., Rocheleau, C. M., Hein, M. J., Waters, M. A., Stewart, P. A., Lawson, C. C., . . . National Birth Defects Prevention, S. (2017). Agreement between two methods for retrospective assessment of occupational exposure intensity to six chlorinated solvents: Data from The National Birth Defects Prevention Study. *J Occup Environ Hyg*, 14(5), 389-396. doi:10.1080/15459624.2016.1269177
 103. Keppler-Noreuil, K. M., Conway, K. M., Shen, D., Rhoads, A. J., Carey, J. C., Romitti, P. A., & National Birth Defects Prevention, S. (2017). Clinical and risk factor analysis of cloacal defects in the National Birth Defects Prevention Study. *Am J Med Genet A*, 173(11), 2873-2885. doi:10.1002/ajmg.a.38469
 104. Kim, J., Swartz, M. D., Langlois, P. H., Romitti, P. A., Weyer, P., Mitchell, L. E., . . . National Birth Defects Prevention, S. (2017). Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring. *Int J Environ Res Public Health*, 14(8). doi:10.3390/ijerph14080889
 105. Kutbi, H., Wehby, G. L., Moreno Uribe, L. M., Romitti, P. A., Carmichael, S., Shaw, G. M., . . . Munger, R. G. (2017). Maternal underweight and obesity and risk of orofacial clefts in a large international consortium of population-based studies. *Int J Epidemiol*, 46(1), 190-199. doi:10.1093/ije/dyw035
 106. Lee, L. J., Symanski, E., Lupo, P. J., Tinker, S. C., Razzaghi, H., Chan, W., . . . National Birth Defects Prevention, S. (2017). Role of maternal occupational physical activity and psychosocial stressors on adverse birth outcomes. *Occup Environ Med*, 74(3), 192-199. doi:10.1136/oemed-2016-103715
 107. Moreno Uribe, L. M., Fomina, T., Munger, R. G., Romitti, P. A., Jenkins, M. M., Gjessing, H. K., . . . Wehby, G. L. (2017). A Population-Based Study of Effects of Genetic Loci on Orofacial Clefts. *J Dent Res*, 96(11), 1322-1329. doi:10.1177/0022034517716914
 108. Nembhard, W. N., Tang, X., Hu, Z., MacLeod, S., Stowe, Z., Webber, D., & National Birth Defects Prevention, S. (2017). Maternal and infant genetic variants, maternal periconceptional use of selective serotonin reuptake inhibitors, and risk of congenital heart defects in offspring: population based study. *BMJ*, 356, j832. doi:10.1136/bmj.j832
 109. Rocheleau, C. M., Bertke, S. J., Lawson, C. C., Romitti, P. A., Desrosiers, T. A.,

- Agopian, A. J., . . . National Birth Defects Prevention, S. (2017). Factors associated with employment status before and during pregnancy: Implications for studies of pregnancy outcomes. *Am J Ind Med*, 60(4), 329-341. doi:10.1002/ajim.22700
110. Soim, A., Lin, S., Sheridan, S. C., Hwang, S. A., Hsu, W. H., Luben, T. J., . . . National Birth Defects Prevention, S. (2017). Population-based case-control study of the association between weather-related extreme heat events and neural tube defects. *Birth Defects Res*, 109(18), 1482-1493. doi:10.1002/bdr2.1086
 111. Stingone, J. A., Luben, T. J., Carmichael, S. L., Aylsworth, A. S., Botto, L. D., Correa, A., . . . National Birth Defects Prevention, S. (2017). Maternal Exposure to Nitrogen Dioxide, Intake of Methyl Nutrients, and Congenital Heart Defects in Offspring. *Am J Epidemiol*, 186(6), 719-729. doi:10.1093/aje/kwx139
 112. Wehby, G. L., Uribe, L. M., Wilcox, A. J., Christensen, K., Romitti, P. A., Munger, R. G., & Lie, R. T. (2017). Interaction between smoking and body mass index and risk of oral clefts. *Ann Epidemiol*, 27(2), 103-107 e102. doi:10.1016/j.annepidem.2016.11.009

2016

113. Ailes, E. C., Gilboa, S. M., Gill, S. K., Broussard, C. S., Crider, K. S., Berry, R. J., . . . and The National Birth Defects Prevention, S. (2016). Association between antibiotic use among pregnant women with urinary tract infections in the first trimester and birth defects, National Birth Defects Prevention Study 1997 to 2011. *Birth Defects Res A Clin Mol Teratol*, 106(11), 940-949. doi:10.1002/bdra.23570
114. Botto, L. D., Krikov, S., Carmichael, S. L., Munger, R. G., Shaw, G. M., Feldkamp, M. L., & National Birth Defects Prevention, S. (2016). Lower rate of selected congenital heart defects with better maternal diet quality: a population-based study. *Arch Dis Child Fetal Neonatal Ed*, 101(1), F43-49. Doi:10.1136/archdischild-2014-308013
115. Carmichael, S. L., Yang, W., Gilboa, S., Ailes, E., Correa, A., Botto, L. D., . . . National Birth Defects Prevention, S. (2016). Elevated body mass index and decreased diet quality among women and risk of birth defects in their offspring. *Birth Defects Res A Clin Mol Teratol*, 106(3), 164-171. doi:10.1002/bdra.23471
116. Dawson, A. L., Tinker, S. C., Jamieson, D. J., Hobbs, C. A., Berry, R. J., Rasmussen, S. A., . . . National Birth Defects Prevention, S. (2016). Twinning and major birth defects, National Birth Defects Prevention Study, 1997-2007. *J Epidemiol Community Health*, 70(11), 1114-1121. doi:10.1136/jech-2015-206302
117. Howley, M. M., Browne, M. L., Van Zutphen, A. R., Richardson, S. D., Blossom, S. J., Broussard, C. S., . . . National Birth Defects Prevention, S. (2016). Maternal autoimmune disease and birth defects in the National Birth Defects Prevention Study. *Birth Defects*

118. Howley, M. M., Carter, T. C., Browne, M. L., Romitti, P. A., Cunniff, C. M., Druschel, C. M., & National Birth Defects Prevention, S. (2016). Fluconazole use and birth defects in the National Birth Defects Prevention Study. *Am J Obstet Gynecol*, 214(5), 657 e651-659. doi:10.1016/j.ajog.2015.11.022
119. Hoyt, A. T., Canfield, M. A., Romitti, P. A., Botto, L. D., Anderka, M. T., Krikov, S. V., . . . Feldkamp, M. L. (2016). Associations between maternal periconceptional exposure to secondhand tobacco smoke and major birth defects. *Am J Obstet Gynecol*, 215(5), 613 e611-613 e611. doi:10.1016/j.ajog.2016.07.022
120. Lee, L. J., Symanski, E., Lupo, P. J., Tinker, S. C., Razzaghi, H., Pompeii, L. A., . . . National Birth Defects Prevention, S. (2016). Data linkage between the National Birth Defects Prevention Study and the Occupational Information Network (O*NET) to assess workplace physical activity, sedentary behaviors, and emotional stressors during pregnancy. *Am J Ind Med*, 59(2), 137-149. doi:10.1002/ajim.22548
121. Li, M., Li, J., He, Z., Lu, Q., Witte, J. S., Macleod, S. L., . . . National Birth Defects Prevention, S. (2016). Testing Allele Transmission of an SNP Set Using a Family-Based Generalized Genetic Random Field Method. *Genet Epidemiol*, 40(4), 341-351. doi:10.1002/gepi.21970
122. Li, M., Li, J., Wei, C., Lu, Q., Tang, X., Erickson, S. W., . . . Hobbs, C. A. (2016). A Three-Way Interaction among Maternal and Fetal Variants Contributing to Congenital Heart Defects. *Ann Hum Genet*, 80(1), 20-31. doi:10.1111/ahg.12139
123. Lim, H., Beasley, C. W., Whitehead, L. W., Emery, R. J., Agopian, A. J., Langlois, P. H., . . . National Birth Defects Prevention, S. (2016). Maternal exposure to radiographic exams and major structural birth defects. *Birth Defects Res A Clin Mol Teratol*, 106(7), 563-572. doi:10.1002/bdra.23496
124. O'Brien, J. L., Langlois, P. H., Lawson, C. C., Scheuerle, A., Rocheleau, C. M., Waters, M. A., . . . National Birth Defects Prevention, S. (2016). Maternal occupational exposure to polycyclic aromatic hydrocarbons and craniosynostosis among offspring in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 106(1), 55-60. doi:10.1002/bdra.23389
125. Patel, P. M., Momany, A. M., Schaa, K. L., Romitti, P. A., Druschel, C., Cooper, M. E., . . . Dagle, J. M. (2016). Genetic Modifiers of Patent Ductus Arteriosus in Term Infants. *J Pediatr*, 176, 57-61 e51. doi:10.1016/j.jpeds.2016.05.066
126. Pettigrew, S. M., Bell, E. M., Van Zutphen, A. R., Rocheleau, C. M., Shaw, G. M., Romitti, P. A., . . . and the National Birth Defects Prevention, S. (2016). Paternal and

joint parental occupational pesticide exposure and spina bifida in the National Birth Defects Prevention Study, 1997 to 2002. *Birth Defects Res A Clin Mol Teratol*, 106(11), 963-971. doi:10.1002/bdra.23551

127. Razzaghi, H., Tinker, S. C., Herring, A. H., Howards, P. P., Waller, D. K., Johnson, C. Y., & National Birth Defects Prevention, S. (2016). Impact of Missing Data for Body Mass Index in an Epidemiologic Study. *Matern Child Health J*, 20(7), 1497-1505. doi:10.1007/s10995-016-1948-6
128. Simeone, R. M., Tinker, S. C., Gilboa, S. M., Agopian, A. J., Oster, M. E., Devine, O. J., . . . National Birth Defects Prevention, S. (2016). Proportion of selected congenital heart defects attributable to recognized risk factors. *Ann Epidemiol*, 26(12), 838-845. doi:10.1016/j.annepidem.2016.10.003
129. Vuong, A. M., Shinde, M. U., Brender, J. D., Shipp, E. M., Huber, J. C., Jr., Sharkey, J. R., . . . National Birth Defects Prevention Study, I. (2016). Prenatal Exposure to Nitrosatable Drugs, Dietary Intake of Nitrites, and Preterm Birth. *Am J Epidemiol*, 183(7), 634-642. doi:10.1093/aje/kwv250
130. Wadhwa, E. L., Ma, C., Shaw, G. M., Carmichael, S. L., & National Birth Defects Prevention, S. (2016). Gastroschisis and maternal intake of phytoestrogens. *Am J Med Genet A*, 170(8), 2078-2082. doi:10.1002/ajmg.a.37659
131. Warren, J. L., Stingone, J. A., Herring, A. H., Luben, T. J., Fuentes, M., Aylsworth, A. S., . . . National Birth Defects Prevention, S. (2016). Bayesian multinomial probit modeling of daily windows of susceptibility for maternal PM2.5 exposure and congenital heart defects. *Stat Med*, 35(16), 2786-2801. doi:10.1002/sim.6891
132. Winston, J. J., Emch, M., Meyer, R. E., Langlois, P., Weyer, P., Mosley, B., . . . National Birth Defects Prevention, S. (2016). Hypospadias and maternal exposure to atrazine via drinking water in the National Birth Defects Prevention study. *Environ Health*, 15(1), 76. doi:10.1186/s12940-016-0161-9
133. Zhou, J., Herring, A. H., Bhattacharya, A., Olshan, A. F., Dunson, D. B., & National Birth Defects Prevention, S. (2016). Nonparametric Bayes modeling for case control studies with many predictors. *Biometrics*, 72(1), 184-192. doi:10.1111/biom.12411

2015

134. Arth, A., Tinker, S., Moore, C., Canfield, M., Agopian, A., Reefhuis, J., . . . Prevention. (2015). 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*, 64(1), 6-9.
135. Carmichael, S. L., Ma, C., Rasmussen, S. A., Cunningham, M. L., Browne, M. L.,

- Dosiou, C., . . . Shaw, G. M. (2015). Craniosynostosis and risk factors related to thyroid dysfunction. *Am J Med Genet A*, 167A(4), 701-707. doi:10.1002/ajmg.a.36953
136. Case, A. P., Hoyt, A. T., Canfield, M. A., & Wilkinson, A. V. (2015). Periconceptional Risk Factors for Birth Defects among Younger and Older Teen Mothers. *J Pediatr Adolesc Gynecol*, 28(4), 263-270. doi:10.1016/j.jpag.2014.09.004
 137. Dawson, A. L., Razzaghi, H., Arth, A., Canfield, M. A., Parker, S. E., Reefhuis, J., & National Birth Defects Prevention, S. (2015). Maternal exposures in the National Birth Defects Prevention Study: Time trends of selected exposures. *Birth Defects Res A Clin Mol Teratol*, 103(8), 703-712. doi:10.1002/bdra.23377
 138. Dawson, A. L., Tinker, S. C., Jamieson, D. J., Hobbs, C. A., Rasmussen, S. A., Reefhuis, J., & National Birth Defects Prevention, S. (2015). Epidemiology of twinning in the National Birth Defects Prevention Study, 1997 to 2007. *Birth Defects Res A Clin Mol Teratol*, 103(2), 85-99. doi:10.1002/bdra.23325
 139. Desrosiers, T. A., Lawson, C. C., Meyer, R. E., Stewart, P. A., Waters, M. A., Correa, A., . . . National Birth Defects Prevention, S. (2015). Assessed occupational exposure to chlorinated, aromatic and Stoddard solvents during pregnancy and risk of fetal growth restriction. *Occup Environ Med*, 72(8), 587-593. doi:10.1136/oemed-2015-102835
 140. Dolk, H., (2015). Preventing birth defects: The value of the NBDPS case-control approach. *Birth Defects Res A Clin Mol Teratol*, 103(8):670-679. doi: 10.1002/bdra.23404
 141. Howards, P. P., Johnson, C. Y., Honein, M. A., Flanders, W. D., & National Birth Defects Prevention, S. (2015). Adjusting for bias due to incomplete case ascertainment in case-control studies of birth defects. *Am J Epidemiol*, 181(8), 595-607. doi:10.1093/aje/kwu323
 142. Lim, H., Agopian, A. J., Whitehead, L. W., Beasley, C. W., Langlois, P. H., Emery, R. J., . . . National Birth Defects Prevention, S. (2015). Maternal occupational exposure to ionizing radiation and major structural birth defects. *Birth Defects Res A Clin Mol Teratol*, 103(4), 243-254. doi:10.1002/bdra.23340
 143. Michalski, A. M., Richardson, S. D., Browne, M. L., Carmichael, S. L., Canfield, M. A., VanZutphen, A. R., . . . Druschel, C. M. (2015). Sex ratios among infants with birth defects, National Birth Defects Prevention Study, 1997-2009. *Am J Med Genet A*, 167A(5), 1071-1081. doi:10.1002/ajmg.a.36865
 144. Miquel-Verges, F., Mosley, B. S., Block, A. S., & Hobbs, C. A. (2015). A spectrum project: preterm birth and small-for-gestational age among infants with birth defects. *J Perinatol*, 35(3), 198-203. doi:10.1038/jp.2014.180

145. Moore C. A., Yoon P. W., Edmonds L. D., Erickson J. D. (2015). Editorial perspectives from the founding CDC leadership of the National Birth Defects Prevention study. *Birth Defects Res A Clin Mol Teratol*, 103(8), 649-651. doi: 10.1002/bdra.23393
146. Reeder, M. R., Botto, L. D., Keppler-Noreuil, K. M., Carey, J. C., Byrne, J. L., Feldkamp, M. L., & National Birth Defects Prevention, S. (2015). Risk factors for Dandy-Walker malformation: a population-based assessment. *Am J Med Genet A*, 167A(9), 2009-2016. doi:10.1002/ajmg.a.37124
147. Reefhuis, J., Devine, O., Friedman, J. M., Louik, C., Honein, M. A., & National Birth Defects Prevention, S. (2015). Specific SSRIs and birth defects: Bayesian analysis to interpret new data in the context of previous reports. *BMJ*, 351, h3190. doi:10.1136/bmj.h3190
148. Reefhuis, J., Gilboa, S. M., Anderka, M., Browne, M. L., Feldkamp, M. L., Hobbs, C. A., . . . National Birth Defects Prevention, S. (2015). The National Birth Defects Prevention Study: A review of the methods. *Birth Defects Res A Clin Mol Teratol*, 103(8), 656-669. doi:10.1002/bdra.23384
149. Rocheleau, C. M., Bertke, S. J., Lawson, C. C., Romitti, P. A., Sanderson, W. T., Malik, S., . . . National Birth Defects Prevention, S. (2015). Maternal occupational pesticide exposure and risk of congenital heart defects in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 103(10), 823-833. doi:10.1002/bdra.23351
150. Tai C. G., Graff R. E., Liu J., Passarelli M. N., Mefford J. A., Shaw G. M., Hoffmann T. J., Witte J. S. (2015) Detecting gene-environment interactions in human birth defects: Study designs and statistical methods. *Birth Defects Res A Clin Mol Teratol*, 103(8), 692-702. doi: 10.1002/bdra.23382
151. Tang, X., Cleves, M. A., Nick, T. G., Li, M., MacLeod, S. L., Erickson, S. W., . . . National Birth Defects Prevention, S. (2015). Obstructive heart defects associated with candidate genes, maternal obesity, and folic acid supplementation. *Am J Med Genet A*, 167(6), 1231-1242. doi:10.1002/ajmg.a.36867
152. Tang, X., Hobbs, C. A., Cleves, M. A., Erickson, S. W., MacLeod, S. L., Malik, S., & National Birth Defects Prevention, S. (2015). Genetic variation affects congenital heart defect susceptibility in offspring exposed to maternal tobacco use. *Birth Defects Res A Clin Mol Teratol*, 103(10), 834-842. doi:10.1002/bdra.23370
153. Tinker, S. C., Carmichael, S. L., Anderka, M., Browne, M. L., Caspers Conway, K. M., Meyer, R. E., . . . Birth Defects Study To Evaluate Pregnancy exposure, S. (2015). Next steps for birth defects research and prevention: The birth defects study to evaluate pregnancy exposures (BD-STEPS). *Birth Defects Res A Clin Mol Teratol*, 103(8), 733-740. doi:10.1002/bdra.23373

154. Vuong, A. M., Shinde, M. U., Brender, J. D., Shipp, E. M., Huber, J. C., Jr., Zheng, Q., . . . National Birth Defects Prevention, S. (2015). Nitrosatable Drug Exposure during Pregnancy and Preterm and Small-for-Gestational-Age Births. *Paediatr Perinat Epidemiol*, 29(1), 60-71. doi:10.1111/ppe.12169
155. Yazdy, M. M., Werler, M. M., Feldkamp, M. L., Shaw, G. M., Mosley, B. S., Vieira, V. M., & National Birth Defects Prevention, S. (2015). Spatial analysis of gastroschisis in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 103(6), 544-553. doi:10.1002/bdra.23375
156. Zhu, Y., Romitti, P. A., Caspers Conway, K. M., Shen, D. H., Sun, L., Browne, M. L., . . . National Birth Defects Prevention, S. (2015). Maternal periconceptional alcohol consumption and congenital heart defects. *Birth Defects Res A Clin Mol Teratol*, 103(7), 617-629. doi:10.1002/bdra.23352

2014

157. Ailes, E. C., Gilboa, S. M., Riehle-Colarusso, T., Johnson, C. Y., Hobbs, C. A., Correa, A., . . . National Birth Defects Prevention, S. (2014). Prenatal diagnosis of nonsyndromic congenital heart defects. *Prenat Diagn*, 34(3), 214-222. doi:10.1002/pd.4282
158. Botto, L. D., Panichello, J. D., Browne, M. L., Krikov, S., Feldkamp, M. L., Lammer, E., . . . National Birth Defects Prevention, S. (2014). Congenital heart defects after maternal fever. *Am J Obstet Gynecol*, 210(4), 359 e351-359 e311. doi:10.1016/j.ajog.2013.10.880
159. Browne, M. L., Van Zutphen, A. R., Botto, L. D., Louik, C., Richardson, S., & Druschel, C. M. (2014). Maternal butalbital use and selected defects in the national birth defects prevention study. *Headache*, 54(1), 54-66. doi:10.1111/head.12203
160. Carmichael, S. L., Ma, C., Tinker, S., Rasmussen, S. A., Shaw, G. M., & National Birth Defects Prevention, S. (2014). Maternal stressors and social support as risks for delivering babies with structural birth defects. *Paediatr Perinat Epidemiol*, 28(4), 338-344. doi:10.1111/ppe.12123
161. Case, A. P., Royle, M., Scheuerle, A. E., Carmichael, S. L., Moffitt, K., Ramadhani, T., & National Birth Defects Prevention, S. (2014). Birth defects, causal attributions, and ethnicity in the national birth defects prevention study. *J Genet Couns*, 23(5), 860-873. doi:10.1007/s10897-014-9708-5
162. Caspers Conway, K. M., Romitti, P. A., Holmes, L., Olney, R. S., Richardson, S. D., & National Birth Defects Prevention, S. (2014). Maternal periconceptional alcohol consumption and congenital limb deficiencies. *Birth Defects Res A Clin Mol Teratol*, 100(11), 863-876. doi:10.1002/bdra.23292

163. Chen, L., Bell, E. M., Browne, M. L., Druschel, C. M., Romitti, P. A., & National Birth Defects Prevention, S. (2014). Exploring maternal patterns of dietary caffeine consumption before conception and during pregnancy. *Matern Child Health J*, 18(10), 2446-2455. doi:10.1007/s10995-014-1483-2
164. Dawson, A. L., Riehle-Colarusso, T., Reefhuis, J., Arena, J. F., & National Birth Defects Prevention, S. (2014). Maternal exposure to methotrexate and birth defects: a population-based study. *Am J Med Genet A*, 164A(9), 2212-2216. doi:10.1002/ajmg.a.36625
165. Feldkamp, M. L., Krikov, S., Botto, L. D., Shaw, G. M., Carmichael, S. L., & National Birth Defects Prevention, S. (2014). Better diet quality before pregnancy is associated with reduced risk of gastroschisis in Hispanic women. *J Nutr*, 144(11), 1781-1786. doi:10.3945/jn.114.201376
166. Feldkamp, M. L., Srisukhumbowornchai, S., Romitti, P. A., Olney, R. S., Richardson, S. D., Botto, L. D., & National Birth Defects Prevention, S. (2014). Self-reported maternal cigarette smoke exposure during the periconceptional period and the risk for omphalocele. *Paediatr Perinat Epidemiol*, 28(1), 67-73. doi:10.1111/ppe.12093
167. Gilboa, S. M., Lee, K. A., Cogswell, M. E., Traven, F. K., Botto, L. D., Riehle-Colarusso, T., . . . National Birth Defects Prevention, S. (2014). Maternal intake of vitamin E and birth defects, national birth defects prevention study, 1997 to 2005. *Birth Defects Res A Clin Mol Teratol*, 100(9), 647-657. doi:10.1002/bdra.23247
168. Glidewell, J., Reefhuis, J., Rasmussen, S. A., Woomert, A., Hobbs, C., Romitti, P. A., & Crider, K. S. (2014). Factors affecting maternal participation in the genetic component of the National Birth Defects Prevention Study-United States, 1997-2007. *Genet Med*, 16(4), 329-337. doi:10.1038/gim.2013.143
169. Hobbs, C. A., Cleves, M. A., Macleod, S. L., Erickson, S. W., Tang, X., Li, J., . . . National Birth Defects Prevention, S. (2014). Conotruncal heart defects and common variants in maternal and fetal genes in folate, homocysteine, and transsulfuration pathways. *Birth Defects Res A Clin Mol Teratol*, 100(2), 116-126. doi:10.1002/bdra.23225
170. Hoyt, A. T., Browne, M., Richardson, S., Romitti, P., Druschel, C., & National Birth Defects Prevention, S. (2014). Maternal caffeine consumption and small for gestational age births: results from a population-based case-control study. *Matern Child Health J*, 18(6), 1540-1551. doi:10.1007/s10995-013-1397-4
171. Hoyt, A. T., Canfield, M. A., Shaw, G. M., Waller, D. K., Polen, K. N., Ramadhani, T., . . . National Birth Defects Prevention, S. (2014). Sociodemographic and hispanic acculturation factors and isolated anotia/microtia. *Birth Defects Res A Clin Mol Teratol*, 100(11), 852-862. doi:10.1002/bdra.23282

172. Jenkins, M. M., Reefhuis, J., Gallagher, M. L., Mulle, J. G., Hoffmann, T. J., Koontz, D. A., . . . National Birth Defects Prevention, S. (2014). Maternal smoking, xenobiotic metabolizing enzyme gene variants, and gastroschisis risk. *Am J Med Genet A*, 164A(6), 1454-1463. doi:10.1002/ajmg.a.36478
173. Kancherla, V., Romitti, P. A., Sun, L., Carey, J. C., Burns, T. L., Siega-Riz, A. M., . . . National Birth Defects Prevention, S. (2014). Descriptive and risk factor analysis for choanal atresia: The National Birth Defects Prevention Study, 1997-2007. *Eur J Med Genet*, 57(5), 220-229. doi:10.1016/j.ejmg.2014.02.010
174. Khodr, Z. G., Lupo, P. J., Agopian, A. J., Canfield, M. A., Case, A. P., Carmichael, S. L., & Mitchell, L. E. (2014). Preconceptional folic acid-containing supplement use in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 100(6), 472-482. doi:10.1002/bdra.23238
175. Kielb, C., Lin, S., Herdt-Losavio, M., Bell, E., Chapman, B., Rocheleau, C. M., . . . National Birth Defects Prevention, S. (2014). Maternal periconceptional occupational exposure to pesticides and selected musculoskeletal birth defects. *Int J Hyg Environ Health*, 217(2-3), 248-254. doi:10.1016/j.ijheh.2013.06.003
176. Langlois, P. H., Hoyt, A. T., Desrosiers, T. A., Lupo, P. J., Lawson, C. C., Waters, M. A., . . . National Birth Defects Prevention, S. (2014). Maternal occupational exposure to polycyclic aromatic hydrocarbons and small for gestational age offspring. *Occup Environ Med*, 71(8), 529-535. doi:10.1136/oemed-2013-101833
177. Li, M., Cleves, M. A., Mallick, H., Erickson, S. W., Tang, X., Nick, T. G., . . . National Birth Defect Prevention, S. (2014). A genetic association study detects haplotypes associated with obstructive heart defects. *Hum Genet*, 133(9), 1127-1138. doi:10.1007/s00439-014-1453-1
178. Li, M., Erickson, S. W., Hobbs, C. A., Li, J., Tang, X., Nick, T. G., . . . National Birth Defect Prevention, S. (2014). Detecting maternal-fetal genotype interactions associated with conotruncal heart defects: a haplotype-based analysis with penalized logistic regression. *Genet Epidemiol*, 38(3), 198-208. doi:10.1002/gepi.21793
179. Liberman, R. F., Stern, J. E., Luke, B., Reefhuis, J., & Anderka, M. (2014). Validating assisted reproductive technology self-report. *Epidemiology*, 25(5), 773-775. doi:10.1097/EDE.0000000000000153
180. Lin, A. E., Krikov, S., Riehle-Colarusso, T., Frias, J. L., Belmont, J., Anderka, M., . . . National Birth Defects Prevention, S. (2014). Laterality defects in the national birth defects prevention study (1998-2007): birth prevalence and descriptive epidemiology. *Am J Med Genet A*, 164A(10), 2581-2591. doi:10.1002/ajmg.a.36695

181. Lupo, P. J., Mitchell, L. E., Canfield, M. A., Shaw, G. M., Olshan, A. F., Finnell, R. H., . . . National Birth Defects Prevention, S. (2014). Maternal-fetal metabolic gene-gene interactions and risk of neural tube defects. *Mol Genet Metab*, 111(1), 46-51. doi:10.1016/j.ymgme.2013.11.004
182. Makelarski, J. A., Romitti, P. A., Rocheleau, C. M., Burns, T. L., Stewart, P. A., Waters, M. A., . . . National Birth Defects Prevention, S. (2014). Maternal periconceptional occupational pesticide exposure and neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 100(11), 877-886. doi:10.1002/bdra.23293
183. Peterson, C., Ailes, E., Riehle-Colarusso, T., Oster, M. E., Olney, R. S., Cassell, C. H., . . . Gilboa, S. M. (2014). Late detection of critical congenital heart disease among US infants: estimation of the potential impact of proposed universal screening using pulse oximetry. *JAMA Pediatr*, 168(4), 361-370. doi:10.1001/jamapediatrics.2013.4779
184. Skuladottir, H., Wilcox, A. J., Ma, C., Lammer, E. J., Rasmussen, S. A., Werler, M. M., . . . Carmichael, S. L. (2014). Corticosteroid use and risk of orofacial clefts. *Birth Defects Res A Clin Mol Teratol*, 100(6), 499-506. doi:10.1002/bdra.23248
185. Stingone, J. A., Luben, T. J., Daniels, J. L., Fuentes, M., Richardson, D. B., Aylsworth, A. S., . . . National Birth Defects Prevention, S. (2014). Maternal exposure to criteria air pollutants and congenital heart defects in offspring: results from the national birth defects prevention study. *Environ Health Perspect*, 122(8), 863-872. doi:10.1289/ehp.1307289
186. Tang, X., Nick, T. G., Cleves, M. A., Erickson, S. W., Li, M., Li, J., . . . Hobbs, C. A. (2014). Maternal obesity and tobacco use modify the impact of genetic variants on the occurrence of conotruncal heart defects. *PLoS One*, 9(9), e108903. doi:10.1371/journal.pone.0108903
187. van Gelder, M. M., Donders, A. R., Devine, O., Roeleveld, N., Reefhuis, J., & National Birth Defects Prevention, S. (2014). 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*, 28(5), 424-433. doi:10.1111/ppe.12140
188. Van Zutphen, A. R., Werler, M. M., Browne, M. M., Romitti, P. A., Bell, E. M., McNutt, L. A., . . . National Birth Defects Prevention, S. (2014). Maternal hypertension, medication use, and hypospadias in the National Birth Defects Prevention Study. *Obstet Gynecol*, 123(2 Pt 1), 309-317. doi:10.1097/AOG.0000000000000103
189. Weedn, A. E., Mosley, B. S., Cleves, M. A., Waller, D. K., Canfield, M. A., Correa, A., . . . National Birth Defects Prevention, S. (2014). Maternal reporting of prenatal ultrasounds among women in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 100(1), 4-12. doi:10.1002/bdra.23178

190. Weyer, P. J., Brender, J. D., Romitti, P. A., Kantamneni, J. R., Crawford, D., Sharkey, J. R., . . . Langlois, P. H. (2014). Assessing bottled water nitrate concentrations to evaluate total drinking water nitrate exposure and risk of birth defects. *J Water Health*, 12(4), 755-762. doi:10.2166/wh.2014.237
191. Woud, S. G., van Rooij, I. A., van Gelder, M. M., Olney, R. S., Carmichael, S. L., Roeleveld, N., . . . National Birth Defects Prevention, S. (2014). Differences in risk factors for second and third degree hypospadias in the national birth defects prevention study. *Birth Defects Res A Clin Mol Teratol*, 100(9), 703-711. doi:10.1002/bdra.23296
192. Yang, W., Carmichael, S. L., Roberts, E. M., Kegley, S. E., Padula, A. M., English, P. B., & Shaw, G. M. (2014). Residential agricultural pesticide exposures and risk of neural tube defects and orofacial clefts among offspring in the San Joaquin Valley of California. *Am J Epidemiol*, 179(6), 740-748. doi:10.1093/aje/kwt324

2013

193. Agopian, A. J., Lupo, P. J., Canfield, M. A., Mitchell, L. E., & National Birth Defects Prevention, S. (2013). Swimming pool use and birth defect risk. *Am J Obstet Gynecol*, 209(3), 219 e211-219. doi:10.1016/j.ajog.2013.04.033
194. Agopian, A. J., Tinker, S. C., Lupo, P. J., Canfield, M. A., Mitchell, L. E., & National Birth Defects Prevention, S. (2013). Proportion of neural tube defects attributable to known risk factors. *Birth Defects Res A Clin Mol Teratol*, 97(1), 42-46. doi:10.1002/bdra.23100
195. Agopian, A. J., Waller, D. K., Lupo, P. J., Canfield, M. A., & Mitchell, L. E. (2013). A case-control study of maternal bathing habits and risk for birth defects in offspring. *Environ Health*, 12(1), 88. doi:10.1186/1476-069X-12-88
196. Ahrens, K. A., Anderka, M. T., Feldkamp, M. L., Canfield, M. A., Mitchell, A. A., Werler, M. M., & National Birth Defects Prevention, S. (2013). Antiherpetic medication use and the risk of gastroschisis: findings from the National Birth Defects Prevention Study, 1997-2007. *Paediatr Perinat Epidemiol*, 27(4), 340-345. doi:10.1111/ppe.12064
197. Brender, J. D., Weyer, P. J., Romitti, P. A., Mohanty, B. P., Shinde, M. U., Vuong, A. M., . . . National Birth Defects Prevention, S. (2013). Prenatal nitrate intake from drinking water and selected birth defects in offspring of participants in the national birth defects prevention study. *Environ Health Perspect*, 121(9), 1083-1089. doi:10.1289/ehp.1206249
198. Carmichael, S. L., Cogswell, M. E., Ma, C., Gonzalez-Feliciano, A., Olney, R. S., Correa, A., . . . National Birth Defects Prevention, S. (2013). Hypospadias and maternal intake of phytoestrogens. *Am J Epidemiol*, 178(3), 434-440. doi:10.1093/aje/kws591

199. Carmichael, S. L., Yang, W., Shaw, G. M., & National Birth Defects Prevention, S. (2013). Maternal dietary nutrient intake and risk of preterm delivery. *Am J Perinatol*, 30(7), 579-588. doi:10.1055/s-0032-1329686
200. Caspers, K. M., Romitti, P. A., Lin, S., Olney, R. S., Holmes, L. B., Werler, M. M., & National Birth Defects Prevention, S. (2013). Maternal periconceptional exposure to cigarette smoking and congenital limb deficiencies. *Paediatr Perinat Epidemiol*, 27(6), 509-520. doi:10.1111/ppe.12075
201. Huber, J. C., Jr., Brender, J. D., Zheng, Q., Sharkey, J. R., Vuong, A. M., Shinde, M. U., . . . National Birth Defects Prevention, S. (2013). Maternal dietary intake of nitrates, nitrites and nitrosamines and selected birth defects in offspring: a case-control study. *Nutr J*, 12, 34. doi:10.1186/1475-2891-12-34
202. Khodr, Z. G., Lupo, P. J., Canfield, M. A., Chan, W., Cai, Y., & Mitchell, L. E. (2013). 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*, 97(8), 538-545. doi:10.1002/bdra.23140
203. Langlois, P. H., Hoyt, A. T., Lupo, P. J., Lawson, C. C., Waters, M. A., Desrosiers, T. A., . . . Lammer, E. J. (2013). Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of oral cleft-affected pregnancies. *Cleft Palate Craniofac J*, 50(3), 337-346. doi:10.1597/12-104
204. Lin, S., Herdt-Losavio, M. L., Chapman, B. R., Munsie, J. P., Olshan, A. F., Druschel, C. M., & National Birth Defects Prevention, S. (2013). 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*, 216(3), 317-323. doi:10.1016/j.ijheh.2012.05.006
205. Lind, J. N., Tinker, S. C., Broussard, C. S., Reefhuis, J., Carmichael, S. L., Honein, M. A., . . . National Birth Defects Prevention, S. (2013). Maternal medication and herbal use and risk for hypospadias: data from the National Birth Defects Prevention Study, 1997-2007. *Pharmacoepidemiol Drug Saf*, 22(7), 783-793. doi:10.1002/pds.3448
206. Makelarski, J. A., Romitti, P. A., Sun, L., Burns, T. L., Druschel, C. M., Suarez, L., . . . National Birth Defects Prevention, S. (2013). Periconceptional maternal alcohol consumption and neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 97(3), 152-160. doi:10.1002/bdra.23122
207. Polen, K. N., Rasmussen, S. A., Riehle-Colarusso, T., Reefhuis, J., & National Birth Defects Prevention, S. (2013). Association between reported venlafaxine use in early pregnancy and birth defects, national birth defects prevention study, 1997-2007. *Birth Defects Res A Clin Mol Teratol*, 97(1), 28-35. doi:10.1002/bdra.23096

208. Shinde, M. U., Vuong, A. M., Brender, J. D., Werler, M. M., Kelley, K. E., Huber, J. C., Jr., . . . National Birth Defects Prevention, S. (2013). Prenatal exposure to nitrosatable drugs, vitamin C, and risk of selected birth defects. *Birth Defects Res A Clin Mol Teratol*, 97(8), 515-531. doi:10.1002/bdra.23137
209. Sotres-Alvarez, D., Siega-Riz, A. M., Herring, A. H., Carmichael, S. L., Feldkamp, M. L., Hobbs, C. A., . . . National Birth Defects Prevention, S. (2013). Maternal dietary patterns are associated with risk of neural tube and congenital heart defects. *Am J Epidemiol*, 177(11), 1279-1288. doi:10.1093/aje/kws349
210. Thorpe, P. G., Gilboa, S. M., Hernandez-Diaz, S., Lind, J., Cragan, J. D., Briggs, G., . . . National Birth Defects Prevention, S. (2013). Medications in the first trimester of pregnancy: most common exposures and critical gaps in understanding fetal risk. *Pharmacoepidemiol Drug Saf*, 22(9), 1013-1018. doi:10.1002/pds.3495
211. Tinker, S. C., Gibbs, C., Strickland, M. J., Devine, O. J., Crider, K. S., Werler, M. M., . . . National Birth Defects Prevention, S. (2013). Impact of time to maternal interview on interview responses in the National Birth Defects Prevention Study. *Am J Epidemiol*, 177(11), 1225-1235. doi:10.1093/aje/kws352
212. Van Bennekom, C. M., Mitchell, A. A., Moore, C. A., Werler, M. M., & National Birth Defects Prevention, S. (2013). Vasoactive exposures during pregnancy and risk of microtia. *Birth Defects Res A Clin Mol Teratol*, 97(1), 53-59. doi:10.1002/bdra.23101

2012

213. Agopian, A. J., Canfield, M. A., Olney, R. S., Lupo, P. J., Ramadhani, T., Mitchell, L. E., . . . National Birth Defects Prevention, S. (2012). Spina bifida subtypes and sub-phenotypes by maternal race/ethnicity in the National Birth Defects Prevention Study. *Am J Med Genet A*, 158A(1), 109-115. doi:10.1002/ajmg.a.34383
214. Agopian, A. J., Lupo, P. J., Herdt-Losavio, M. L., Langlois, P. H., Rocheleau, C. M., Mitchell, L. E., & National Birth Defects Prevention, S. (2012). Differences in folic acid use, prenatal care, smoking, and drinking in early pregnancy by occupation. *Prev Med*, 55(4), 341-345. doi:10.1016/j.ypmed.2012.07.015
215. Agopian, A. J., Lupo, P. J., Tinker, S. C., Canfield, M. A., Mitchell, L. E., & National Birth Defects Prevention, S. (2012). Working towards a risk prediction model for neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 94(3), 141-146. doi:10.1002/bdra.22883
216. Anderka, M., Mitchell, A. A., Louik, C., Werler, M. M., Hernandez-Diaz, S., Rasmussen, S. A., & National Birth Defects Prevention, S. (2012). Medications used to treat nausea and vomiting of pregnancy and the risk of selected birth defects. *Birth Defects Res A Clin*

Mol Teratol, 94(1), 22-30. doi:10.1002/bdra.22865

217. Brender, J. D., Werler, M. M., Shinde, M. U., Vuong, A. M., Kelley, K. E., Huber, J. C., Jr., . . . National Birth Defects Prevention, S. (2012). Nitrosatable drug exposure during the first trimester of pregnancy and selected congenital malformations. *Birth Defects Res A Clin Mol Teratol*, 94(9), 701-713. doi:10.1002/bdra.23060
218. Carmichael, S. L., Ma, C., Feldkamp, M. L., Munger, R. G., Olney, R. S., Botto, L. D., . . . Correa, A. (2012). Nutritional factors and hypospadias risks. *Paediatr Perinat Epidemiol*, 26(4), 353-360. doi:10.1111/j.1365-3016.2012.01272.x
219. Carmichael, S. L., Yang, W., Feldkamp, M. L., Munger, R. G., Siega-Riz, A. M., Botto, L. D., . . . National Birth Defects Prevention, S. (2012). Reduced risks of neural tube defects and orofacial clefts with higher diet quality. *Arch Pediatr Adolesc Med*, 166(2), 121-126. doi:10.1001/archpediatrics.2011.185
220. Chandler, A. L., Hobbs, C. A., Mosley, B. S., Berry, R. J., Canfield, M. A., Qi, Y. P., . . . National Birth Defects Prevention, S. (2012). Neural tube defects and maternal intake of micronutrients related to one-carbon metabolism or antioxidant activity. *Birth Defects Res A Clin Mol Teratol*, 94(11), 864-874. doi:10.1002/bdra.23068
221. Chen, L., Bell, E. M., Browne, M. L., Druschel, C. M., Romitti, P. A., Schmidt, R. J., . . . National Birth Defects Prevention, S. (2012). Maternal caffeine consumption and risk of congenital limb deficiencies. *Birth Defects Res A Clin Mol Teratol*, 94(12), 1033-1043. doi:10.1002/bdra.23050
222. Correa, A., Gilboa, S. M., Botto, L. D., Moore, C. A., Hobbs, C. A., Cleves, M. A., . . . National Birth Defects Prevention, S. (2012). Lack of periconceptional vitamins or supplements that contain folic acid and diabetes mellitus-associated birth defects. *Am J Obstet Gynecol*, 206(3), 218 e211-213. doi:10.1016/j.ajog.2011.12.018
223. Desrosiers, T. A., Herring, A. H., Shapira, S. K., Hooiveld, M., Luben, T. J., Herdt-Losavio, M. L., . . . National Birth Defects Prevention, S. (2012). Paternal occupation and birth defects: findings from the National Birth Defects Prevention Study. *Occup Environ Med*, 69(8), 534-542. doi:10.1136/oemed-2011-100372
224. Desrosiers, T. A., Lawson, C. C., Meyer, R. E., Richardson, D. B., Daniels, J. L., Waters, M. A., . . . National Birth Defects Prevention, S. (2012). Maternal occupational exposure to organic solvents during early pregnancy and risks of neural tube defects and orofacial clefts. *Occup Environ Med*, 69(7), 493-499. doi:10.1136/oemed-2011-100245
225. Desrosiers, T. A., Lawson, C. C., Meyer, R. E., Waters, M. A., van Wijngaarden, E., Langlois, P. H., . . . Olshan, A. F. (2012). Re: The study of the relation between maternal occupational exposure to solvents and birth defects should include oxygenated solvents

- (authors' response). *Occupational and Environmental Medicine*, 69(12), 933-932-934. doi:10.1136/oemed-2012-101096
226. Duong, H. T., Hoyt, A. T., Carmichael, S. L., Gilboa, S. M., Canfield, M. A., Case, A., . . . National Birth Defects Prevention, S. (2012). Is maternal parity an independent risk factor for birth defects? *Birth Defects Res A Clin Mol Teratol*, 94(4), 230-236. doi:10.1002/bdra.22889
 227. Getz, K. D., Anderka, M. T., Werler, M. M., & Case, A. P. (2012). Short interpregnancy interval and gastroschisis risk in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 94(9), 714-720. doi:10.1002/bdra.23061
 228. Gilboa, S. M., Desrosiers, T. A., Lawson, C., Lupo, P. J., Riehle-Colarusso, T. J., Stewart, P. A., . . . National Birth Defects Prevention, S. (2012). Association between maternal occupational exposure to organic solvents and congenital heart defects, National Birth Defects Prevention Study, 1997-2002. *Occup Environ Med*, 69(9), 628-635. doi:10.1136/oemed-2011-100536
 229. Gill, S. K., Broussard, C., Devine, O., Green, R. F., Rasmussen, S. A., Reefhuis, J., & 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*, 94(12), 1010-1018. doi:10.1002/bdra.23049
 230. Hernandez, R. K., Werler, M. M., Romitti, P., Sun, L., Anderka, M., & National Birth Defects Prevention, S. (2012). Nonsteroidal antiinflammatory drug use among women and the risk of birth defects. *Am J Obstet Gynecol*, 206(3), 228 e221-228. doi:10.1016/j.ajog.2011.11.019
 231. Langlois, P. H., Hoyt, A. T., Lupo, P. J., Lawson, C. C., Waters, M. A., Desrosiers, T. A., . . . National Birth Defects Prevention, S. (2012). Maternal occupational exposure to polycyclic aromatic hydrocarbons and risk of neural tube defect-affected pregnancies. *Birth Defects Res A Clin Mol Teratol*, 94(9), 693-700. doi:10.1002/bdra.23045
 232. Lin, S., Munsie, J. P., Herdt-Losavio, M. L., Druschel, C. M., Campbell, K., Browne, M. L., . . . National Birth Defects Prevention, S. (2012). Maternal asthma medication use and the risk of selected birth defects. *Pediatrics*, 129(2), e317-324. doi:10.1542/peds.2010-2660
 233. Lupo, P. J., Canfield, M. A., Chapa, C., Lu, W., Agopian, A. J., Mitchell, L. E., . . . Zhu, H. (2012). Diabetes and obesity-related genes and the risk of neural tube defects in the national birth defects prevention study. *Am J Epidemiol*, 176(12), 1101-1109. doi:10.1093/aje/kws190
 234. Lupo, P. J., Chapa, C., Noursome, D., Duhon, C., Canfield, M. A., Shaw, G. M., . . .

- National Birth Defects Prevention, S. (2012). A GCH1 haplotype and risk of neural tube defects in the National Birth Defects Prevention Study. *Mol Genet Metab*, 107(3), 592-595. doi:10.1016/j.ymgme.2012.09.020
235. Lupo, P. J., Langlois, P. H., Reefhuis, J., Lawson, C. C., Symanski, E., Desrosiers, T. A., . . . National Birth Defects Prevention, S. (2012). Maternal occupational exposure to polycyclic aromatic hydrocarbons: effects on gastroschisis among offspring in the National Birth Defects Prevention Study. *Environ Health Perspect*, 120(6), 910-915. doi:10.1289/ehp.1104305
 236. Lupo, P. J., Symanski, E., Langlois, P. H., Lawson, C. C., Malik, S., Gilboa, S. M., . . . National Birth Defects Prevention, S. (2012). Maternal occupational exposure to polycyclic aromatic hydrocarbons and congenital heart defects among offspring in the national birth defects prevention study. *Birth Defects Res A Clin Mol Teratol*, 94(11), 875-881. doi:10.1002/bdra.23071
 237. Ma, C., Shaw, G. M., Scheuerle, A. E., Canfield, M. A., Carmichael, S. L., & National Birth Defects Prevention, S. (2012). Association of microtia with maternal nutrition. *Birth Defects Res A Clin Mol Teratol*, 94(12), 1026-1032. doi:10.1002/bdra.23053
 238. Margulis, A. V., Mitchell, A. A., Gilboa, S. M., Werler, M. M., Mittleman, M. A., Glynn, R. J., . . . National Birth Defects Prevention, S. (2012). Use of topiramate in pregnancy and risk of oral clefts. *Am J Obstet Gynecol*, 207(5), 405 e401-407. doi:10.1016/j.ajog.2012.07.008
 239. Parker, S. E., Werler, M. M., Shaw, G. M., Anderka, M., Yazdy, M. M., & National Birth Defects Prevention, S. (2012). Dietary glycemic index and the risk of birth defects. *Am J Epidemiol*, 176(12), 1110-1120. doi:10.1093/aje/kws201
 240. Patel, S. S., Burns, T. L., Botto, L. D., Riehle-Colarusso, T. J., Lin, A. E., Shaw, G. M., . . . National Birth Defects Prevention, S. (2012). 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*, 158A(10), 2447-2455. doi:10.1002/ajmg.a.35555
 241. Srisukhumbowornchai, S., Krikov, S., & Feldkamp, M. L. (2012). Self-reported maternal smoking during pregnancy by source in Utah, 2003-2007. *Birth Defects Res A Clin Mol Teratol*, 94(12), 996-1003. doi:10.1002/bdra.23058
 242. Yang, W., Carmichael, S. L., Tinker, S. C., Shaw, G. M., & National Birth Defects Prevention, S. (2012). Association between weight gain during pregnancy and neural tube defects and gastroschisis in offspring. *Birth Defects Res A Clin Mol Teratol*, 94(12), 1019-1025. doi:10.1002/bdra.23057

2011

243. Alwan, S., Reefhuis, J., Rasmussen, S. A., Friedman, J. M., & National Birth Defects Prevention, S. (2011). Patterns of antidepressant medication use among pregnant women in a United States population. *J Clin Pharmacol*, 51(2), 264-270. doi:10.1177/0091270010373928
244. Brender, J. D., Kelley, K. E., Werler, M. M., Langlois, P. H., Suarez, L., Canfield, M. A., & National Birth Defects Prevention, S. (2011). Prevalence and patterns of nitrosatable drug use among U.S. women during early pregnancy. *Birth Defects Res A Clin Mol Teratol*, 91(4), 258-264. doi:10.1002/bdra.20808
245. Brender, J. D., Werler, M. M., Kelley, K. E., Vuong, A. M., Shinde, M. U., Zheng, Q., . . . The National Birth Defects Prevention, S. (2011). Nitrosatable drug exposure during early pregnancy and neural tube defects in offspring: National Birth Defects Prevention Study. *Am J Epidemiol*, 174(11), 1286-1295. doi:10.1093/aje/kwr254
246. Broussard, C. S., Rasmussen, S. A., Reefhuis, J., Friedman, J. M., Jann, M. W., Riehle-Colarusso, T., . . . National Birth Defects Prevention, S. (2011). Maternal treatment with opioid analgesics and risk for birth defects. *Am J Obstet Gynecol*, 204(4), 314 e311-311. doi:10.1016/j.ajog.2010.12.039
247. Browne, M. L., Hoyt, A. T., Feldkamp, M. L., Rasmussen, S. A., Marshall, E. G., Druschel, C. M., & Romitti, P. A. (2011). Maternal caffeine intake and risk of selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 91(2), 93-101. doi:10.1002/bdra.20752
248. Carmichael, S. L., Gonzalez-Feliciano, A. G., Ma, C., Shaw, G. M., & Cogswell, M. E. (2011). Estimated dietary phytoestrogen intake and major food sources among women during the year before pregnancy. *Nutr J*, 10, 105. doi:10.1186/1475-2891-10-105
249. Carter, T. C., Olney, R. S., Mitchell, A. A., Romitti, P. A., Bell, E. M., Druschel, C. M., & National Birth Defects Prevention, S. (2011). Maternal self-reported genital tract infections during pregnancy and the risk of selected birth defects. *Birth Defects Res A Clin Mol Teratol*, 91(2), 108-116. doi:10.1002/bdra.20749
250. Cleves, M. A., Hobbs, C. A., Zhao, W., Krakowiak, P. A., MacLeod, S. L., & National Birth Defects Prevention, S. (2011). Association between selected folate pathway polymorphisms and nonsyndromic limb reduction defects: a case-parental analysis. *Paediatr Perinat Epidemiol*, 25(2), 124-134. doi:10.1111/j.1365-3016.2010.01160.x
251. Duong, H. T., Shahrukh Hashmi, S., Ramadhani, T., Canfield, M. A., Scheuerle, A., Kim Waller, D., & National Birth Defects Prevention, S. (2011). Maternal use of hot tub and major structural birth defects. *Birth Defects Res A Clin Mol Teratol*, 91(9), 836-841.

doi:10.1002/bdra.20831

252. Feldkamp, M. L., Carmichael, S. L., Shaw, G. M., Panichello, J. D., Moore, C. A., & Botto, L. D. (2011). Maternal nutrition and gastroschisis: findings from the National Birth Defects Prevention Study. *Am J Obstet Gynecol*, 204(5), 404 e401-404 e410. doi:10.1016/j.ajog.2010.12.053
253. Gallagher, M. L., Sturchio, C., Smith, A., Koontz, D., Jenkins, M. M., Honein, M. A., & Rasmussen, S. A. (2011). Evaluation of mailed pediatric buccal cytobrushes for use in a case-control study of birth defects. *Birth Defects Res A Clin Mol Teratol*, 91(7), 642-648. doi:10.1002/bdra.20829
254. Hartman, R. J., Riehle-Colarusso, T., Lin, A., Frias, J. L., Patel, S. S., Duwe, K., . . . National Birth Defects Prevention, S. (2011). Descriptive study of nonsyndromic atrioventricular septal defects in the National Birth Defects Prevention Study, 1997-2005. *Am J Med Genet A*, 155A(3), 555-564. doi:10.1002/ajmg.a.33874
255. Jenkins, M. M., Reed-Gross, E., Barfield, W. D., Prue, C. E., Gallagher, M. L., Rasmussen, S. A., & Honein, M. A. (2011). Qualitative assessment of study materials and communication strategies used in studies that include DNA collection. *Am J Med Genet A*, 155A(11), 2721-2731. doi:10.1002/ajmg.a.34263
256. Mitchell, A. A., Gilboa, S. M., Werler, M. M., Kelley, K. E., Louik, C., Hernandez-Diaz, S., & National Birth Defects Prevention, S. (2011). Medication use during pregnancy, with particular focus on prescription drugs: 1976-2008. *Am J Obstet Gynecol*, 205(1), 51 e51-58. doi:10.1016/j.ajog.2011.02.029
257. Munsie, J. W., Lin, S., Browne, M. L., Campbell, K. A., Caton, A. R., Bell, E. M., . . . National Birth Defects Prevention, S. (2011). Maternal bronchodilator use and the risk of orofacial clefts. *Hum Reprod*, 26(11), 3147-3154. doi:10.1093/humrep/der315
258. Olshan, A. F., Hobbs, C. A., & Shaw, G. M. (2011). Discovery of genetic susceptibility factors for human birth defects: an opportunity for a National Agenda. *Am J Med Genet A*, 155A(8), 1794-1797. doi:10.1002/ajmg.a.34103
259. Ramadhani, T. A., Canfield, M. A., Farag, N. H., Royle, M., Correa, A., Waller, D. K., . . . National Birth Defects Prevention, S. (2011). Do foreign- and U.S.-born mothers across racial/ethnic groups have a similar risk profile for selected sociodemographic and periconceptional factors? *Birth Defects Res A Clin Mol Teratol*, 91(9), 823-830. doi:10.1002/bdra.20839
260. Rasmussen, S. A., Riehle-Colarusso, T., Shapira, S. K., Honein, M. A., Reefhuis, J., & National Birth Defects Prevention, S. (2011). Letter to the editor: Ventricular septal defects and the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol*

Teratol, 91(1), 66. doi:10.1002/bdra.20750

261. Reefhuis, J., Honein, M. A., Schieve, L. A., Rasmussen, S. A., & National Birth Defects Prevention, S. (2011). Use of clomiphene citrate and birth defects, National Birth Defects Prevention Study, 1997-2005. *Hum Reprod*, 26(2), 451-457. doi:10.1093/humrep/deq313
262. Reefhuis, J., Rasmussen, S. A., Honein, M. A., & National Birth Defects Prevention, S. (2011). Prenatal versus postnatal repair of myelomeningocele. *N Engl J Med*, 364(26), 2555; author reply 2556. doi:10.1056/NEJMc1105146
263. Richardson, S., Browne, M. L., Rasmussen, S. A., Druschel, C. M., Sun, L., Jabs, E. W., . . . National Birth Defects Prevention, S. (2011). Associations between periconceptional alcohol consumption and craniosynostosis, omphalocele, and gastroschisis. *Birth Defects Res A Clin Mol Teratol*, 91(7), 623-630. doi:10.1002/bdra.20823
264. Rocheleau, C. M., Lawson, C. C., Waters, M. A., Hein, M. J., Stewart, P. A., Correa, A., . . . Reefhuis, J. (2011). Inter-rater reliability of assessed prenatal maternal occupational exposures to solvents, polycyclic aromatic hydrocarbons, and heavy metals. *J Occup Environ Hyg*, 8(12), 718-728. doi:10.1080/15459624.2011.627293
265. Rocheleau, C. M., Romitti, P. A., Sanderson, W. T., Sun, L., Lawson, C. C., Waters, M. A., . . . Reefhuis, J. (2011). Maternal occupational pesticide exposure and risk of hypospadias in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 91(11), 927-936. doi:10.1002/bdra.22860
266. Shaw, G. M., Carmichael, S. L., Yang, W., Siega-Riz, A. M., & National Birth Defects Prevention, S. (2011). Periconceptional intake of folic acid and food folate and risks of preterm delivery. *Am J Perinatol*, 28(10), 747-752. doi:10.1055/s-0031-1280855.
267. Suarez, L., Ramadhani, T., Felkner, M., Canfield, M. A., Brender, J. D., Romitti, P. A., & Sun, L. (2011). Maternal smoking, passive tobacco smoke, and neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 91(1), 29-33. doi:10.1002/bdra.20743
268. Tinker, S. C., Reefhuis, J., Dellinger, A. M., & Jamieson, D. J. (2011). Maternal injuries during the periconceptional period and the risk of birth defects, National Birth Defects Prevention Study, 1997-2005. *Paediatr Perinat Epidemiol*, 25(5), 487-496. doi:10.1111/j.1365-3016.2011.01215.x
269. Toh, S., Mitchell, A. A., Anderka, M., de Jong-van den Berg, L. T., Hernandez-Diaz, S., & National Birth Defects Prevention, S. (2011). Antibiotics and oral contraceptive failure - a case-crossover study. *Contraception*, 83(5), 418-425. doi:10.1016/j.contraception.2010.08.020
270. Werler, M. M., Ahrens, K. A., Bosco, J. L., Mitchell, A. A., Anderka, M. T., Gilboa, S. M., . . . National Birth Defects Prevention, S. (2011). Use of antiepileptic medications in

pregnancy in relation to risks of birth defects. *Ann Epidemiol*, 21(11), 842-850.
doi:10.1016/j.annepidem.2011.08.002

2010

271. Alwan, S., Reefhuis, J., Botto, L. D., Rasmussen, S. A., Correa, A., Friedman, J. M., & National Birth Defects Prevention, S. (2010). Maternal use of bupropion and risk for congenital heart defects. *Am J Obstet Gynecol*, 203(1), 52 e51-56.
doi:10.1016/j.ajog.2010.02.015
272. Anderka, M., Romitti, P. A., Sun, L., Druschel, C., Carmichael, S., Shaw, G., & National Birth Defects Prevention, S. (2010). Patterns of tobacco exposure before and during pregnancy. *Acta Obstet Gynecol Scand*, 89(4), 505-514.
doi:10.3109/00016341003692261
273. Boulet, S. L., Rasmussen, S. A., Honein, M. A., & National Birth Defects Prevention, S. (2010). Maternal body mass index as a risk factor for craniosynostosis. *Am J Med Genet A*, 152A(11), 2895-2897. doi:10.1002/ajmg.a.33668
274. Broussard, C. S., Louik, C., Honein, M. A., Mitchell, A. A., & National Birth Defects Prevention, S. (2010). Herbal use before and during pregnancy. *Am J Obstet Gynecol*, 202(5), 443 e441-446. doi:10.1016/j.ajog.2009.10.865
275. Carmichael, S. L., Rasmussen, S. A., Lammer, E. J., Ma, C., Shaw, G. M., & National Birth Defects Prevention, S. (2010). Craniosynostosis and nutrient intake during pregnancy. *Birth Defects Res A Clin Mol Teratol*, 88(12), 1032-1039.
doi:10.1002/bdra.20717
276. Caspers, K. M., Oltean, C., Romitti, P. A., Sun, L., Poer, B. R., Rasmussen, S. A., . . . National Birth Defects Prevention, S. (2010). Maternal periconceptional exposure to cigarette smoking and alcohol consumption and congenital diaphragmatic hernia. *Birth Defects Res A Clin Mol Teratol*, 88(12), 1040-1049. doi:10.1002/bdra.20716
277. Dott, M., Rasmussen, S. A., Hogue, C. J., Reefhuis, J., & National Birth Defects Prevention, S. (2010). 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*, 14(3), 373-381.
doi:10.1007/s10995-009-0458-1
278. Duwe, K. N., Reefhuis, J., Honein, M. A., Schieve, L. A., & Rasmussen, S. A. (2010). Epidemiology of fertility treatment use among U.S. women with liveborn infants, 1997-2004. *J Womens Health (Larchmt)*, 19(3), 407-416. doi:10.1089/jwh.2009.1499
279. Feldkamp, M. L., Meyer, R. E., Krikov, S., & Botto, L. D. (2010). Acetaminophen use in pregnancy and risk of birth defects: findings from the National Birth Defects Prevention

- Study. *Obstet Gynecol*, 115(1), 109-115. doi:10.1097/AOG.0b013e3181c52616
280. Gilboa, S. M., Correa, A., Botto, L. D., Rasmussen, S. A., Waller, D. K., Hobbs, C. A., . . . National Birth Defects Prevention, S. (2010). Association between prepregnancy body mass index and congenital heart defects. *Am J Obstet Gynecol*, 202(1), 51 e51-51 e10. doi:10.1016/j.ajog.2009.08.005
 281. Green, R. F., Devine, O., Crider, K. S., Olney, R. S., Archer, N., Olshan, A. F., . . . National Birth Defects Prevention, S. (2010). Association of paternal age and risk for major congenital anomalies from the National Birth Defects Prevention Study, 1997 to 2004. *Ann Epidemiol*, 20(3), 241-249. doi:10.1016/j.annepidem.2009.10.009
 282. Griesenbeck, J. S., Brender, J. D., Sharkey, J. R., Steck, M. D., Huber, J. C., Jr., Rene, A. A., . . . National Birth Defects Prevention, S. (2010). Maternal characteristics associated with the dietary intake of nitrates, nitrites, and nitrosamines in women of child-bearing age: a cross-sectional study. *Environ Health*, 9(1), 10. doi:10.1186/1476-069X-9-10
 283. Herdt-Losavio, M. L., Lin, S., Chapman, B. R., Hooiveld, M., Olshan, A., Liu, X., . . . Druschel, C. M. (2010). Maternal occupation and the risk of birth defects: an overview from the National Birth Defects Prevention Study. *Occup Environ Med*, 67(1), 58-66. doi:10.1136/oem.2009.048256
 284. Lupo, P. J., Symanski, E., Waller, D. K., Chan, W., Canfield, M. A., Langlois, P. H., . . . National Birth Defects Prevention, S. (2010). 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*, 88(8), 701-705. doi:10.1002/bdra.20671
 285. Ma, C., Carmichael, S. L., Scheuerle, A. E., Canfield, M. A., Shaw, G. M., & National Birth Defects Prevention, S. (2010). Association of microtia with maternal obesity and periconceptional folic acid use. *Am J Med Genet A*, 152A(11), 2756-2761. doi:10.1002/ajmg.a.33694
 286. Miller, E. A., Rasmussen, S. A., Siega-Riz, A. M., Frias, J. L., Honein, M. A., & National Birth Defects Prevention, S. (2010). Risk factors for non-syndromic holoprosencephaly in the National Birth Defects Prevention Study. *Am J Med Genet C Semin Med Genet*, 154C(1), 62-72. doi:10.1002/ajmg.c.30244
 287. Prakalapakorn, S. G., Rasmussen, S. A., Lambert, S. R., Honein, M. A., & National Birth Defects Prevention, S. (2010). Assessment of risk factors for infantile cataracts using a case-control study: National Birth Defects Prevention Study, 2000-2004. *Ophthalmology*, 117(8), 1500-1505. doi:10.1016/j.ophtha.2009.12.026
 288. Sanchez-Lara, P. A., Carmichael, S. L., Graham, J. M., Jr., Lammer, E. J., Shaw, G. M.,

- Ma, C., . . . National Birth Defects Prevention, S. (2010). Fetal constraint as a potential risk factor for craniosynostosis. *Am J Med Genet A*, 152A(2), 394-400. doi:10.1002/ajmg.a.33246
289. Schmidt, R. J., Romitti, P. A., Burns, T. L., Murray, J. C., Browne, M. L., Druschel, C. M., . . . National Birth Defects Prevention, S. (2010). Caffeine, selected metabolic gene variants, and risk for neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 88(7), 560-569. doi:10.1002/bdra.20681
290. Shahrukh Hashmi, S., Gallaway, M. S., Waller, D. K., Langlois, P. H., Hecht, J. T., & National Birth Defects Prevention, S. (2010). Maternal fever during early pregnancy and the risk of oral clefts. *Birth Defects Res A Clin Mol Teratol*, 88(3), 186-194. doi:10.1002/bdra.20646
291. Tinker, S. C., Reefhuis, J., Dellinger, A. M., Jamieson, D. J., & National Birth Defects Prevention, S. (2010). Epidemiology of maternal injuries during pregnancy in a population-based study, 1997-2005. *J Womens Health (Larchmt)*, 19(12), 2211-2218. doi:10.1089/jwh.2010.2160
292. van Gelder, M. M., Reefhuis, J., Caton, A. R., Werler, M. M., Druschel, C. M., Roeleveld, N., & National Birth Defects Prevention, S. (2010). Characteristics of pregnant illicit drug users and associations between cannabis use and perinatal outcome in a population-based study. *Drug Alcohol Depend*, 109(1-3), 243-247. doi:10.1016/j.drugalcdep.2010.01.007
293. Waller, D. K., Gallaway, M. S., Taylor, L. G., Ramadhani, T. A., Canfield, M. A., Scheuerle, A., . . . National Birth Defects Prevention, S. (2010). Use of oral contraceptives in pregnancy and major structural birth defects in offspring. *Epidemiology*, 21(2), 232-239. doi:10.1097/EDE.0b013e3181c9fbb3

2009

294. Bird, T., Robbins, J. M., Druschel, C., Cleves, M. A., Yang, S., & Hobbs, C. A. (2009). Demographic and environmental risk factors for gastroschisis and omphalocele in the National Birth Defects Prevention Study. *J Pediatr Surg*, 44(8), 1546-1551.
295. Browne, M. L., Rasmussen, S. A., Hoyt, A. T., Waller, D. K., Druschel, C. M., Caton, A. R., . . . Romitti, P. A. (2009). Maternal thyroid disease, thyroid medication use, and selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 85(7), 621-628.
296. Canfield, M. A., Ramadhani, T. A., Shaw, G. M., Carmichael, S. L., Waller, D. K., Mosley, B. S., . . . Olney, R. S. (2009). Anencephaly and spina bifida among Hispanics: maternal, sociodemographic, and acculturation factors in the National Birth Defects

- Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 85(7), 637-646.
297. Carmichael, S. L., Ma, C., Werler, M. M., Olney, R. S., & Shaw, G. M. (2009). Maternal corticosteroid use and hypospadias. *J Pediatr*, 155(1), 39-44, 44 e31.
 298. Carmichael, S. L., Yang, W., Correa, A., Olney, R. S., & Shaw, G. M. (2009). Hypospadias and intake of nutrients related to one-carbon metabolism. *J Urol*, 181(1), 315-321; discussion 321.
 299. Caton, A. R., Bell, E. M., Druschel, C. M., Werler, M. M., Lin, A. E., Browne, M. L., . . . Correa, A. (2009). Antihypertensive medication use during pregnancy and the risk of cardiovascular malformations. *Hypertension*, 54(1), 63-70.
 300. Cogswell, M. E., Bitsko, R. H., Anderka, M., Caton, A. R., Feldkamp, M. L., Hockett Sherlock, S. M., . . . Reefhuis, J. (2009). Control selection and participation in an ongoing, population-based, case-control study of birth defects: the National Birth Defects Prevention Study. *Am J Epidemiol*, 170(8), 975-985.
 301. Collier, S. A., Browne, M. L., Rasmussen, S. A., & Honein, M. A. (2009). Maternal caffeine intake during pregnancy and orofacial clefts. *Birth Defects Res A Clin Mol Teratol*, 85(10), 842-849.
 302. Collier, S. A., Rasmussen, S. A., Feldkamp, M. L., & Honein, M. A. (2009). Prevalence of self-reported infection during pregnancy among control mothers in the National Birth Defects Prevention Study. *Birth Defects Res A Clin Mol Teratol*, 85(3), 193-201.
 303. Crider, K. S., Cleves, M. A., Reefhuis, J., Berry, R. J., Hobbs, C. A., & Hu, D. J. (2009). Antibacterial medication use during pregnancy and risk of birth defects: National Birth Defects Prevention Study. *Arch Pediatr Adolesc Med*, 163(11), 978-985.
 304. Gallaway, M. S., Waller, D. K., Canfield, M. A., & Scheuerle, A. (2009). The association between use of spermicides or male condoms and major structural birth defects. *Contraception*, 80(5), 422-429.
 305. Genisca, A. E., Frias, J. L., Broussard, C. S., Honein, M. A., Lammer, E. J., Moore, C. A., . . . National Birth Defects Prevention, S. (2009). Orofacial clefts in the National Birth Defects Prevention Study, 1997-2004. *Am J Med Genet A*, 149A(6), 1149-1158. doi:10.1002/ajmg.a.32854
 306. Gilboa, S. M., Strickland, M. J., Olshan, A. F., Werler, M. M., Correa, A., & National Birth Defects Prevention, S. (2009). Use of antihistamine medications during early pregnancy and isolated major malformations. *Birth Defects Res A Clin Mol Teratol*, 85(2), 137-150. doi:10.1002/bdra.20513
 307. Griesenbeck, J. S., Steck, M. D., Huber, J. C., Jr., Sharkey, J. R., Rene, A. A., & Brender,

- J. D. (2009). Development of estimates of dietary nitrates, nitrites, and nitrosamines for use with the Short Willet Food Frequency Questionnaire. *Nutr J*, 8, 16. doi:10.1186/1475-2891-8-16
308. Jenkins, M. M., Reed-Gross, E., Rasmussen, S. A., Barfield, W. D., Prue, C. E., Gallagher, M. L., & Honein, M. A. (2009). Maternal attitudes toward DNA collection for gene-environment studies: a qualitative research study. *Am J Med Genet A*, 149A(11), 2378-2386. doi:10.1002/ajmg.a.33043
 309. Johnson, C. Y., Honein, M. A., Hobbs, C. A., Rasmussen, S. A., & National Birth Defects Prevention, S. (2009). Prenatal diagnosis of orofacial clefts, National Birth Defects Prevention Study, 1998-2004. *Prenat Diagn*, 29(9), 833-839. doi:10.1002/pd.2293
 310. Langlois, P. H., Ramadhani, T. A., Royle, M. H., Robbins, J. M., Scheuerle, A. E., & Wyszynski, D. F. (2009). Birth defects and military service since 1990. *Mil Med*, 174(2), 170-176. doi:10.7205/milmed-d-00-3008
 311. Lin, S., Herdt-Losavio, M., Gensburg, L., Marshall, E., & Druschel, C. (2009). Maternal asthma, asthma medication use, and the risk of congenital heart defects. *Birth Defects Res A Clin Mol Teratol*, 85(2), 161-168. doi:10.1002/bdra.20523
 312. MacLehose, R. F., Olshan, A. F., Herring, A. H., Honein, M. A., Shaw, G. M., Romitti, P. A., & National Birth Defects Prevention, S. (2009). Bayesian methods for correcting misclassification: an example from birth defects epidemiology. *Epidemiology*, 20(1), 27-35. doi:10.1097/EDE.0b013e31818ab3b0
 313. Miller, E. A., Manning, S. E., Rasmussen, S. A., Reefhuis, J., Honein, M. A., & National Birth Defects Prevention, S. (2009). Maternal exposure to tobacco smoke, alcohol and caffeine, and risk of anorectal atresia: National Birth Defects Prevention Study 1997-2003. *Paediatr Perinat Epidemiol*, 23(1), 9-17. doi:10.1111/j.1365-3016.2008.00976.x
 314. Mosley, B. S., Cleves, M. A., Siega-Riz, A. M., Shaw, G. M., Canfield, M. A., Waller, D. K., . . . National Birth Defects Prevention, S. (2009). Neural tube defects and maternal folate intake among pregnancies conceived after folic acid fortification in the United States. *Am J Epidemiol*, 169(1), 9-17. doi:10.1093/aje/kwn331
 315. Ramadhani, T., Short, V., Canfield, M. A., Waller, D. K., Correa, A., Royle, M., . . . National Birth Defects Prevention, S. (2009). Are birth defects among Hispanics related to maternal nativity or number of years lived in the United States? *Birth Defects Res A Clin Mol Teratol*, 85(9), 755-763. doi:10.1002/bdra.20584
 316. Reefhuis, J., Honein, M. A., Schieve, L. A., Correa, A., Hobbs, C. A., Rasmussen, S. A., & National Birth Defects Prevention, S. (2009). Assisted reproductive technology and

- major structural birth defects in the United States. *Hum Reprod*, 24(2), 360-366. doi:10.1093/humrep/den387
317. Robitaille, J., Carmichael, S. L., Shaw, G. M., Olney, R. S., & National Birth Defects Prevention, S. (2009). Maternal nutrient intake and risks for transverse and longitudinal limb deficiencies: data from the National Birth Defects Prevention Study, 1997-2003. *Birth Defects Res A Clin Mol Teratol*, 85(9), 773-779. doi:10.1002/bdra.20587
 318. Schmidt, R. J., Romitti, P. A., Burns, T. L., Browne, M. L., Druschel, C. M., Olney, R. S., & National Birth Defects Prevention, S. (2009). Maternal caffeine consumption and risk of neural tube defects. *Birth Defects Res A Clin Mol Teratol*, 85(11), 879-889. doi:10.1002/bdra.20624
 319. Siega-Riz, A. M., Herring, A. H., Olshan, A. F., Smith, J., Moore, C., & National Birth Defects Prevention, S. (2009). The joint effects of maternal prepregnancy body mass index and age on the risk of gastroschisis. *Paediatr Perinat Epidemiol*, 23(1), 51-57. doi:10.1111/j.1365-3016.2008.00990.x
 320. van Gelder, M. M., Reefhuis, J., Caton, A. R., Werler, M. M., Druschel, C. M., Roeleveld, N., & National Birth Defects Prevention, S. (2009). Maternal periconceptional illicit drug use and the risk of congenital malformations. *Epidemiology*, 20(1), 60-66. doi:10.1097/EDE.0b013e31818e5930
 321. Werler, M. M., Bosco, J. L., Shapira, S. K., & National Birth Defects Prevention, S. (2009). Maternal vasoactive exposures, amniotic bands, and terminal transverse limb defects. *Birth Defects Res A Clin Mol Teratol*, 85(1), 52-57. doi:10.1002/bdra.20524
 322. Werler, M. M., Mitchell, A. A., Moore, C. A., Honein, M. A., & National Birth Defects Prevention, S. (2009). Is there epidemiologic evidence to support vascular disruption as a pathogenesis of gastroschisis? *Am J Med Genet A*, 149A(7), 1399-1406. doi:10.1002/ajmg.a.32897

2008

323. Bitsko, R. H., Reefhuis, J., Louik, C., Werler, M., Feldkamp, M. L., Waller, D. K., . . . Honein, M. A. (2008). Periconceptional use of weight loss products including ephedra and the association with birth defects. *Birth Defects Res A Clin Mol Teratol*, 82(8), 553-562.
324. Carmichael, S. L., Ma, C., Rasmussen, S. A., Honein, M. A., Lammer, E. J., Shaw, G. M., & National Birth Defects Prevention, S. (2008). Craniosynostosis and maternal smoking. *Birth Defects Res A Clin Mol Teratol*, 82(2), 78-85. doi:10.1002/bdra.20426

325. Carter, T. C., Druschel, C. M., Romitti, P. A., Bell, E. M., Werler, M. M., Mitchell, A. A., & National Birth Defects Prevention, S. (2008). Antifungal drugs and the risk of selected birth defects. *Am J Obstet Gynecol*, 198(2), 191 e191-197. doi:10.1016/j.ajog.2007.08.044
326. Caton, A. R., Bell, E. M., Druschel, C. M., Werler, M. M., Mitchell, A. A., Browne, M. L., . . . Correa, A. (2008). Maternal hypertension, antihypertensive medication use, and the risk of severe hypospadias. *Birth Defects Res A Clin Mol Teratol*, 82(1), 34-40.
327. Cleves, M. A., Malik, S., Yang, S., Carter, T. C., & Hobbs, C. A. (2008). Maternal urinary tract infections and selected cardiovascular malformations. *Birth Defects Res A Clin Mol Teratol*, 82(6), 464-473.
328. Correa, A., Gilboa, S. M., Besser, L. M., Botto, L. D., Moore, C. A., Hobbs, C. A., . . . Reece, E. A. (2008). Diabetes mellitus and birth defects. *Am J Obstet Gynecol*.
329. Ethen, M. K., Ramadhani, T. A., Scheuerle, A. E., Canfield, M. A., Wyszynski, D. F., Druschel, C. M., & Romitti, P. A. (2008). Alcohol Consumption by Women Before and During Pregnancy. *Matern Child Health J*, 13(2), 274-285. doi:10.1007/s10995-008-0328-2
330. Feldkamp, M. L., Reefhuis, J., Kucik, J., Krikov, S., Wilson, A., Moore, C. A., . . . Botto, L. D. (2008). Case-control study of self reported genitourinary infections and risk of gastroschisis: findings from the national birth defects prevention study, 1997-2003. *BMJ*, 336(7658), 1420-1423. doi:10.1136/bmj.39567.509074.25
331. Green, R. F., Olney, R. S., Reefhuis, J., Botto, L. D., Romitti, P. A., & National Birth Defects Prevention, S. (2008). Maternal reports of family history from the National Birth Defects Prevention Study, 1997-2001. *Genet Med*, 10(1), 37-45. doi:10.1097/GIM.0b013e31815f1def
332. Jenkins, M. M., Rasmussen, S. A., Moore, C. A., & Honein, M. A. (2008). Ethical issues raised by incorporation of genetics into the National Birth Defects Prevention Study. *Am J Med Genet C Semin Med Genet*, 148C(1), 40-46. doi:10.1002/ajmg.c.30157
333. Lin, S., Munsie, J. P., Herdt-Losavio, M. L., Bell, E., Druschel, C., Romitti, P. A., & Olney, R. (2008). Maternal asthma medication use and the risk of gastroschisis. *Am J Epidemiol*, 168(1), 73-79.
334. Malik, S., Cleves, M. A., Honein, M. A., Romitti, P. A., Botto, L. D., Yang, S., . . . National Birth Defects Prevention, S. (2008). Maternal smoking and congenital heart defects. *Pediatrics*, 121(4), e810-816. doi:10.1542/peds.2007-1519
335. Petersen, E. E., Mitchell, A. A., Carey, J. C., Werler, M. M., Louik, C., & Rasmussen, S. A. (2008). Maternal exposure to statins and risk for birth defects: a case-series approach.

- Am J Med Genet A*, 146A(20), 2701-2705.
336. Shaw, G. M., Carmichael, S. L., Laurent, C., & Siega-Riz, A. M. (2008). Periconceptional glycaemic load and intake of sugars and their association with neural tube defects in offspring. *Paediatr Perinat Epidemiol*, 22(6), 514-519.
 337. Slickers, J. E., Olshan, A. F., Siega-Riz, A. M., Honein, M. A., Aylsworth, A. S., & National Birth Defects Prevention, S. (2008). Maternal body mass index and lifestyle exposures and the risk of bilateral renal agenesis or hypoplasia: the National Birth Defects Prevention Study. *Am J Epidemiol*, 168(11), 1259-1267. doi:10.1093/aje/kwn248
 338. Wong-Gibbons, D. L., Romitti, P. A., Sun, L., Moore, C. A., Reefhuis, J., Bell, E. M., & Olshan, A. F. (2008). Maternal periconceptional exposure to cigarette smoking and alcohol and esophageal atresia +/- tracheo-esophageal fistula. *Birth Defects Res A Clin Mol Teratol*, 82(11), 776-784.
 339. Yang, J., Carmichael, S. L., Canfield, M., Song, J., Shaw, G. M., & National Birth Defects Prevention, S. (2008). Socioeconomic status in relation to selected birth defects in a large multicentered US case-control study. *Am J Epidemiol*, 167(2), 145-154. doi:10.1093/aje/kwm283
 340. Yang, W., Shaw, G. M., Carmichael, S. L., Rasmussen, S. A., Waller, D. K., Poer, B. R., & Anderka, M. (2008). Nutrient intakes in women and congenital diaphragmatic hernia in their offspring. *Birth Defects Res A Clin Mol Teratol*.

2007

341. Alwan, S., Reefhuis, J., Rasmussen, S. A., Olney, R. S., & Friedman, J. M. (2007). Use of Selective Serotonin-Reuptake Inhibitors in Pregnancy and the Risk of Birth Defects. *New England Journal of Medicine*, 356(26), 2684-2692. doi:10.1056/NEJMoa066584
342. Botto, L. D., Lin, A. E., Riehle-Colarusso, T., Malik, S., Correa, A., & National Birth Defects Prevention, S. (2007). Seeking causes: Classifying and evaluating congenital heart defects in etiologic studies. *Birth Defects Res*, 79(10), 714-727.
343. Browne, M. L., Bell, E. M., Druschel, C. M., Gensburg, L. J., Mitchell, A. A., Lin, A. E., . . . National Birth Defects Prevention, S. (2007). Maternal caffeine consumption and risk of cardiovascular malformations. *Birth Defects Res A Clin Mol Teratol*, 79(7), 533-543. doi:10.1002/bdra.20365
344. Carmichael, S. L., Shaw, G. M., Laurent, C., Olney, R. S., Lammer, E. J., & National Birth Defects Prevention, S. (2007). Maternal reproductive and demographic characteristics as risk factors for hypospadias. *Paediatric and Perinatal Epidemiology*, 21(3), 210-218.

345. Carmichael, S. L., Shaw, G. M., Ma, C., Werler, M. M., Rasmussen, S. A., Lammer, E. J., & National Birth Defects Prevention, S. (2007). Maternal corticosteroid use and orofacial clefts. *American Journal of Obstetrics & Gynecology*, 197(6), 585 e581-587; discussion 683-584.
346. Honein, M. A., Rasmussen, S. A., Reefhuis, J., Romitti, P. A., Lammer, E. J., Sun, L., & Correa, A. (2007). Maternal smoking and environmental tobacco smoke exposure and the risk of orofacial clefts. *Epidemiology*, 18(2), 226-233.
347. Malik, S., Cleves, M. A., Zhao, W., Correa, A., Hobbs, C. A., & National Birth Defects Prevention, S. (2007). Association between congenital heart defects and small for gestational age. *Pediatrics*, 119(4), e976-982.
348. Rasmussen, S. A., Yazdy, M. M., Carmichael, S. L., Jamieson, D. J., Canfield, M. A., & Honein, M. A. (2007). Maternal thyroid disease as a risk factor for craniosynostosis. *Obstetrics & Gynecology*, 110(2 Pt 1), 369-377.
349. Romitti, P. A., Sun, L., Honein, M. A., Reefhuis, J., Correa, A., & Rasmussen, S. A. (2007). Maternal periconceptional alcohol consumption and risk of orofacial clefts. *Am J Epidemiol*, 166(7), 775-785.
350. Shaw, G. M., Carmichael, S. L., Laurent, C., Louik, C., Finnell, R. H., Lammer, E. J., & National Birth Defects Prevention, S. (2007). Nutrient intakes in women and risks of anophthalmia and microphthalmia in their offspring. *Birth Defects Res*, 79(10), 708-713.
351. The, N. S., Honein, M. A., Caton, A. R., Moore, C. A., Siega-Riz, A. M., Druschel, C. M., & National Birth Defects Prevention, S. (2007). Risk factors for isolated biliary atresia, National Birth Defects Prevention Study, 1997-2002. *American Journal of Medical Genetics. Part A*, 143(19), 2274-2284.
352. Waller, D. K., Shaw, G. M., Rasmussen, S. A., Hobbs, C. A., Canfield, M. A., Siega-Riz, A. M., . . . National Birth Defects Prevention, S. (2007). Prepregnancy obesity as a risk factor for structural birth defects. *Arch Pediatr Adolesc Med*, 161(8), 745-750.

2006

353. Carmichael, S. L., Shaw, G. M., Yang, W., Laurent, C., Herring, A., Royle, M. H., . . . National Birth Defects Prevention, S. (2006). Correlates of intake of folic acid-containing supplements among pregnant women. *American Journal of Obstetrics & Gynecology*, 194(1), 203-210.
354. Crider, K. S., Reefhuis, J., Woomert, A., & Honein, M. A. (2006). Racial and Ethnic Disparity in Participation in DNA Collection at the Atlanta Site of the National Birth Defects Prevention Study. *Am J Epidemiol*, 164(8), 805-812. doi:10.1093/aje/kwj264

355. Reefhuis, J., Rasmussen, S. A., & Friedman, J. M. (2006). Selective serotonin-reuptake inhibitors and persistent pulmonary hypertension of the newborn.[comment]. *New England Journal of Medicine*, 354(20), 2188-2190; author reply 2188-2190.
356. Shaw, G. M., Carmichael, S. L., Laurent, C., & Rasmussen, S. A. (2006). Maternal nutrient intakes and risk of orofacial clefts. *Epidemiology*, 17(3), 285-291. doi:10.1097/01.ede.0000208348.30012.35
357. Siega-Riz, A. M., Olshan, A. F., Werler, M. M., & Moore, C. (2006). Fat intake and the risk of gastroschisis. *Birth Defects Research Part A: Clinical and Molecular Teratology*, 76(4), 241-245. doi:10.1002/bdra.20249

2005

358. Carmichael, S. L., Shaw, G. M., Laurent, C., Croughan, M. S., Olney, R. S., & Lammer, E. J. (2005). Maternal progestin intake and risk of hypospadias. *Arch Pediatr Adolesc Med*, 159(10), 957-962.
359. Carmichael, S. L., Shaw, G. M., Laurent, C., Lammer, E. J., Olney, R. S., & The National Birth Defects Prevention, S. (2005). Hypospadias and maternal exposures to cigarette smoke. *Paediatric and Perinatal Epidemiology*, 19(6), 406-412.
360. Werler, M. M., Mitchell, A. A., Hernandez-Diaz, S., & Honein, M. A. (2005). Use of over-the-counter medications during pregnancy.[see comment]. *American Journal of Obstetrics & Gynecology*, 193(3 Pt 1), 771-777.

2004

361. Centers for Disease Control and, P. (2004). Evaluation of an association between loratadine and hypospadias--United States, 1997-2001.[erratum appears in MMWR Morb Mortal Wkly Rep. 2006 Oct 6;55(30):1075]. *MMWR - Morbidity & Mortality Weekly Report*, 53(10), 219-221.
362. Cleves, M. A., Savell, V. H., Jr., Raj, S., Zhao, W., Correa, A., Werler, M. M., . . . National Birth Defects Prevention, S. (2004). Maternal use of acetaminophen and nonsteroidal anti-inflammatory drugs (NSAIDs), and muscular ventricular septal defects. *Birth Defects Res*, 70(3), 107-113.

2003

363. Rasmussen, S. A., Olney, R. S., Holmes, L. B., Lin, A. E., Keppler-Noreuil, K. M., Moore, C. A., & National Birth Defects Prevention, S. (2003). Guidelines for case classification for the National Birth Defects Prevention Study. *Birth Defects Res*, 67(3), 193-201.

2002

364. Rasmussen, S. A., Lammer, E. J., Shaw, G. M., Finnell, R. H., McGehee, R. E., Jr., Gallagher, M., . . . National Birth Defects Prevention, S. (2002). Integration of DNA sample collection into a multi-site birth defects case-control study. *Teratology*, 66(4), 177-184.

2001

365. Yoon, P. W., Rasmussen, S. A., Lynberg, M. C., Moore, C. A., Anderka, M., Carmichael, S. L., . . . Edmonds, L. D. (2001). The National Birth Defects Prevention Study. *Public Health Reports*, 116 Suppl 1, 32-40.