

Birth Defects Branch
List of Publications 2009

Ahluwalia IB, Harrison L, Jamieson D, Rasmussen SA. (2009). Influenza vaccine usage by pregnant women in Georgia and Rhode Island: Evidence from the Pregnancy Risk Assessment Monitoring System—2004 to 2007. *Morbidity and Mortality and Weekly Report (MMWR)* 58(35):972-975

Timperio CG, Humbaugh K, Riggs M, Thoroughman D, Barrios L, Copeland D, Waller A, Denniston M, Beavers S, Broussard C. (2009) Impact of Seasonal Influenza-Related School Closures on Families --- Southeastern Kentucky, February 2008. *Morbidity and Mortality and Weekly Report (MMWR)* 58(50):1405-1409.

Boulet S, Gambrell D, Shin M, Mathews T, Honein, M. (2009). Racial/Ethnic Differences in the Birth Prevalence of Spina Bifida-United States, 1995–2005, *Morbidity and Mortality and Weekly Report (MMWR)*, 57(53), 1409–1413.

Allen EG, Freeman SB, Druschel C, Hobbs CA, O'Leary LA, Romitti PA, Royle MH, Torfs CP, Sherman SL. (2009). Maternal Age and Risk for Trisomy 21 Assessed by the Origin of Chromosome Nondisjunction: A Report from the Atlanta and National Down Syndrome Projects. *Hum Genet.* 125(1):41-52.

Anderka MT, Lin AE, Abuelo DN, Mitchell AA, Rasmussen SA. (2009). Reviewing the evidence for mycophenolate mofetil as a new teratogen: Case report and review of the literature. *Am J Med Genet A* 149A:1241-1248.

Boulet SL, Boyle CA, Schieve L. (2009). Health care use and health impact of developmental disabilities among U.S. children, 1997-2005. *Arch Pediatr Adolesc Med* 163(1):19-26.

Boulet S, Gambrell D, Shin M, Mathews T, Honein, M. (2009). Racial/Ethnic Differences in the Birth Prevalence of Spina Bifida-United States, 1995–2005, *JAMA*. 301(21):2203-2204

Boulet SL, Grosse SD, Honein MA, Correa-Villaseñor A. (2009). Children with orofacial clefts: healthcare utilization and costs in a privately insured population. *Public Health Reports* 124(3):447-453.

Boulet SL, Schieve LA, & Boyle CA. (2009) Birth Weight and Health and Developmental Outcomes in US Children, 1997-2005. *Matern Child Health J*. Nov 10. [Epub ahead of print]

Browne ML, Rasmussen SA, Hoyt AT, Waller DK, Druschel CM, Caton AR, Canfield MA, Lin AE, Carmichael SL, Romitti PA, and the National Birth Defects Prevention Study. (2009). Maternal thyroid disease, thyroid medication use and selected birth defects in the National Birth Defects Prevention Study. *Birth Defects Res Part A Clin Mol Teratol.* 85(7):621-628.

Carmichael SL, Yang W, Correa A, Olney RS, Shaw GA, and the National Birth Defects Prevention Study. (2009) Hypospadias and Intake of Nutrients Related to One-Carbon Metabolism. *J Urol.* 181(1):315-21.

Birth Defects Branch
List of Publications 2009

Cogswell ME, Bitsko RH, Anderka M, Caton AR, Feldkamp ML, Sherlock SM, Meyer RE, Ramadhani T, Robbins JM, Shaw GM, Mathews TJ, Royle M, Reefhuis J; the National Birth Defects Prevention Study. (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. Am. J. Epidemiol.* 170(8), 975-985.

Cogswell ME, Looker AC, Pfeiffer CM, Cook JD, Lacher DA, Beard JL, Lynch SR, Grummer-Strawn LM. (2009) Assessment of iron deficiency in US preschool children and nonpregnant females of childbearing age: National Health and Nutrition Examination Survey 2003-2006. *Am J Clin Nutr* 89(5), 1334-1342.

Collier SA, Rasmussen SA, Browne ML, Honein MA, and the National Birth Defects Prevention Study. (2009) Maternal caffeine intake during pregnancy and risk of orofacial clefts. *Birth Defects Research Part A.* 85(10):842-9.

Collier SA, Rasmussen SA, Feldkamp ML, Honein MA; National Birth Defects Prevention Study. (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.

Collins JS, Canfield MA, Pearson K, Kirby RS, Case AP, Mai CT, Major J, Mulinare J; for the National Birth Defects Prevention Network. (2009) Public health projects for preventing the recurrence of neural tube defects in the United States. *Birth Defects Res A Clin Mol Teratol.* 85(11):935-8.

Cragan JD, Gilboa SM. (2009). Including prenatal diagnoses in birth defects monitoring: Experience of the Metropolitan Atlanta Congenital Defects Program. *Birth Defects Res Part A Clin Mol Teratol* 85:20-29.

Crider KS, Cleves MA, Reefhuis J, Berry RJ, Hobbs CA, Hu DJ. (2009). Antibacterial medication use during pregnancy and risk of birth defects: National Birth Defects Prevention Study. *Arch Pediatr Adolesc Med.* 2009 Nov;163(11):978-85.

Darrow LA, Klein M, Flanders WD, Waller LA, Correa A, Marcus M, Mulholland JA, Russell AG, Tolbert PE. (2009) Ambient Air Pollution and Preterm Birth: A Time-series Analysis. *Epidemiology.* 20(5):689-98

Darrow LA, Strickland MJ, Klein M, Waller LA, Flanders WD, Correa A, Marcus M, Tolbert PE. (2009) Seasonality of Birth and Implications for Temporal Studies of Preterm Birth. *Epidemiology* 20(5):699-706.

Dolan S, Callaghan W, Rasmussen SA. (2009). Birth defects and preterm birth: Overlapping outcomes with a shared strategy for research and prevention (editorial). *Birth Defects Res Part A Clin Mol Teratol.* 85(11):874-8.

Birth Defects Branch
List of Publications 2009

Duke CW, Correa A, Romitti PA, Martin J, Kirby RS. (2009) Challengers and Priorities for Surveillance of Stillbirths: A Report on Two Workshops. *Public Health Reports*. 124:652-659.

Froen JF, Gordijn SJ, Abdel-Aleem H, Bergsjø P, Betran A, Duke CW, Fauveau V, Flenady V, Hinderaker SG, Hofmeyr GJ, Jokhio AH, Lawn J, Lumbiganon P, Merialdi M, Pattinson RC, Shankar A (2009). Making stillbirths count, making numbers talk - Issues in data collection for stillbirths. *BMC Pregnancy Childbirth*. 9(1):58.

Frøen JF, Pinar H, Flenady V, Bahrin S, Charles A, Chauke L, Day K, Duke CW, Facchinetti F, Fretts RC, Gardener G, Gilshenan K, Gordijn SJ, Gordon A, Guyon G, Harrison C, Koshy R, Pattinson RC, Petersson K, Russell L, Saastad E, Smith GC, Torabi R. (2009) Causes of death and associated conditions (Codac): a utilitarian approach to the classification of perinatal deaths. *BMC Pregnancy Childbirth*. 9:22.

Genisca AE, Frias JL, Broussard C, Honein MA, Lammer EJ, Moore CA, Shaw GM, Murray JC, Yang W, Rasmussen SA, and the National Birth Defects Prevention Study. (2009). Orofacial clefts in the National Birth Defects Prevention Study, 1997-2004. *Am J Med Genet A* 149A:1149-1158.

Gilboa SM, Strickland MJ, Olshan AF, Werler MM, Correa A, and the National Birth Defects Prevention Study. (2009). Use of Antihistamine Medications During Early Pregnancy and Isolated Major Malformations. *Birth Defects Res Part A Clin Mol Teratol* 85: 137-150.

Hamner HC, Mulinare J, Cogswell ME, Flores AL, Boyle CA, Prue CE, Wang CY, Carriquiry AL, Devine O. (2009). Predicted contribution of folic acid fortification of corn masa flour to the usual folic acid intake for the U.S. population: National Health and Nutrition Examination Survey 2001-2004. *Am J Clin Nutr* 89:305-15.

Honein MA, Kirby RS, Meyer RE, Xing J, Skerrette NI, Yuskiv N, Marengo L, Petrini JR, Davidoff MJ, Mai CT, Druschel CM, Viner-Brown S, Sever LE; for the National Birth Defects Prevention Network. (2009). The Association Between Major Birth Defects and Preterm Birth. *Matern Child Health J*, 13(2): 164-175.

Jamieson DJ, Honein MA, Rasmussen SA, MacFarlane KF, Olsen SJ. (2009). Authors' reply [letter to editor]. *Lancet* 374:1417-1418.

Jamieson DJ, Honein MA, Rasmussen SA, Williams JL, Swerdlow DL, Biggerstaff MS, Lindstrom S, Louie JK, Christ CM, Bohm SR, Fonseca VP, Ritger KA, Kuhles DJ, Eggers P, Bruce H, Davidson HA, Lutterloh E, Harris ML, Burke C, Cocoros N, Finelli L, Macfarlane KF, Shu B, Olsen SJ; the Novel Influenza A (H1N1) Pregnancy Working Group. (2009). H1N1 2009 influenza virus infection during pregnancy in the USA. *Lancet*, 348:451-458.

Jenkins MM, Reed-Gross E, Rasmussen SA, Barfield WD, Prue CE, Gallagher ML, Honein MA. (2009). Maternal attitudes toward DNA collection for gene-environment studies: A qualitative research study. *Am J Med Genet Part A* 149A:2378-2386.

Birth Defects Branch
List of Publications 2009

Johnson CY, Honein MA, Hobbs CA, Rasmussen SA, and the National Birth Defects Prevention Study. (2009). Prenatal diagnosis of orofacial clefts, 1998-2004. *Prenat Diagn.* 29(9):833-9

Lin AE, Rasmussen SA, Scheuerle A, Stevenson RE. (2009). Clinical geneticists in birth defects surveillance and epidemiology research programs: Past, present and future roles. *Birth Defects Res Part A Clin Mol Teratol* 85:69-75.

MacLehose RF, Olshan AF, Herring AH, Honein MA, Shaw GM, Romitti PA and the National Birth Defects Prevention Study. (2009). Bayesian Methods for Correcting Misclassification: An Example from Birth Defects Epidemiology. *Epidemiology*, 20: 27-35.

McLean E, Cogswell M, Egli I, Wojdyla D, de Benoist B. (2009). Worldwide Prevalence of Anaemia, WHO Vitamin and Mineral Nutrition Information System, 1993-2005 *Public Health Nutrition* 12:444-454.

Miller A, Siffel C, Correa A. (2009) Residential Mobility During Pregnancy: Patterns and Correlates. *Matern Child Health J.* Jul 1. [Epub ahead of print]

Miller EA, Manning SE, Rasmussen SA, Reefhuis J, Honein MA, and the National Birth Defects Prevention Study. (2009). Maternal Exposure to Tobacco Smoke, Alcohol and Caffeine and Risk of Anorectal Atresia—National Birth Defects Prevention Study 1997-2003. *Paediatric and Perinatal Epidemiology* 23:9-17.

Morgan MA, Cragan JD, Goldenberg RL, Rasmussen SA, Schulkin J. Management of prescription and non-prescription drug use during pregnancy. *J Matern Fetal Neonatal Med.* 2009 Nov 3. [Epub ahead of print]

Oster ME, Riehle-Colarusso T, Correa A. (2009) An update on cardiovascular malformations in congenital rubella syndrome. *Birth Defects Res A Clin Mol Teratol.* 88(1):1-8.

Parker SE, Mai CT, Strickland MJ, Olney RS, Rickard R, Marengo L, Wang Y, Hashmi SS, Meyer RE; National Birth Defects Prevention Network. (2009) Multistate study of the epidemiology of clubfoot. *Birth Defects Res A Clin Mol Teratol.* 85(11):897-904

Power ML, Cogswell ME, Schulkin J. (2009) US obstetrician-gynaecologist's prevention and management of obesity in pregnancy. *J Obstet Gynaecol* 29(5):373-7

Ramadhani T, Short V, Canfield MA, Waller DK, Correa A, Royle M, Scheuerle A and National Birth Defects Prevention Study. (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.

Rasmussen SA, Erickson JD, Reef SE, Ross DS. (2009). Teratology: From science to birth defects prevention. *Birth Defects Res Part A Clin Mol Teratol* 85:82-92.

Birth Defects Branch
List of Publications 2009

Rasmussen SA, Jamieson DJ, MacFarlane K, Cragan JD, Williams J, Henderson Z; Pandemic Influenza and Pregnancy Working Group. (2009). Pandemic influenza: Special considerations for pregnant women - Summary of a meeting of experts. *Am J Public Health* 99 Suppl 2:S248-54

Reefhuis J, Honein MA, Schieve L, Correa A, Hobbs CA, Rasmussen SA, and the National Birth Defects Prevention Study. (2009) Assisted Reproductive Technology and Major Structural Birth Defects in the United States. *Hum Reprod*, 24(2): 360-366.

Reefhuis J, Honein MA, Schieve L, Correa A, Hobbs CA, Rasmussen SA, and the National Birth Defects Prevention Study. (2009) Reply: ART and major structural birth defects in the USA *Hum Reprod*, 24(7):1766

Robitaille J, Hamner HC, Cogswell ME, Yang Q. (2009) Does the MTHFR 677C->T variant affect the Recommended Dietary Allowance for folate in the US population? *Am J Clin Nutr* 89(4):1269-73.

Ross DS, Rasmussen SA, Cannon MJ, Anderson B, Kilker K, Tumpey A, Schulkin J, Jones JL. (2009). Obstetrician-gynecologists' knowledge, attitudes, and practices regarding prevention of infections in pregnancy. *J Women's Health* 1(8):1187-93.

Schieve LA, Boulet SL, Boyle C, Rasmussen SA, Schendel D. (2009) Health of Children 3 to 17 Years of Age With Down Syndrome in the 1997-2005, National Health Interview Survey *Pediatrics*. 123:e253-e260.

Shin M, Besser LM, Kucik JE, Lu C, Siffel C, Correa A, and Congenital Anomaly Multistate Prevalence and Survival Collaborative. (2009) Prevalence of Down Syndrome Among Children and Adolescents in 10 Regions of the United States. *Pediatrics* 124(6), 1565-1571.

Steenland K, Tinker SC, Frisbee S, Ducatman A, Vaccarino V. (2009) Association of Perfluorooctanoic Acid and Perfluorooctane Sulfonate with Serum Lipids Among Adults Living Near a Chemical Plant. *American Journal of Epidemiology*;170(10):1268-1278.

Strickland MJ, Klein M, Correa A, Reller MD, Mahle WT, Riehle-Colarusso TJ, Botto LD, Flanders WD, Mulholland JA, Siffel C, Marcus M, Tolbert PE. (2009) Ambient air pollution and cardiovascular malformations in Atlanta, Georgia, 1986–2003. *Am J Epidemiol*. 169(8):1004-14.

Tessema JM, Jefferds ME, Cogswell M, Carlton E. (2009) Motivators and barriers to prenatal supplement use among minority women in the United States. *J Am Diet Assoc*. 109(1):102-8.

Tinker SC, Moe CL, Klein M, Flanders WD, Uber J, Amirtharajah A, Singer P, Tolbert PE. (2009) Drinking water residence time in distribution system networks and emergency department visits for gastrointestinal illness in metro Atlanta, Georgia. *Journal of Water and Health*. 7(2):332-343.

**Birth Defects Branch
List of Publications 2009**

van Gelder MM, Reefhuis J, Caton AR, Werler MM, Druschel CM, Roeleveld N; National Birth Defects Prevention Study. (2009) Maternal periconceptional illicit drug use and the risk of congenital malformations. *Epidemiology* 20(1):60-6.

Werler MM, Mitchell AA, Moore CA, Honein MA and the National Birth Defects Prevention Study. (2009) Is there epidemiologic evidence to support vascular disruption as a pathogenesis of gastroschisis? *American Journal of Medical Genetics* 149A(7):1399-406.