

CURRICULUM VITAE

Dorothy Kim Waller, Ph.D.

Updated 10/24/2018

Education

- 1971 High School Graduate
Enterprise High School; Redding, California
- 1975 B.A. Biology
University of California at Santa Cruz
- 1979 B.S. Nursing Science
University of California at San Francisco
- 1986 Master of Public Health
University of California at Berkeley
- 1991 Ph.D. Epidemiology
University of California at Berkeley

Professional Appointments

- 2002-2004 Convener of the Discipline of Epidemiology
The University of Texas Houston Health Science Center
School of Public Health
- 2000-Present Tenured Associate Professor of Epidemiology
The University of Texas Houston Health Science Center
School of Public Health
- 1992-1999 Assistant Professor of Epidemiology
The University of Texas Houston Health Science Center
School of Public Health
- 1988 - 1991 Project Director
Genetic Disease Branch, California Department of Health Services
- 1986 - 1988 Research Associate
The University of California at Berkeley
Data analysis for a large study of serum lipids, beta-carotene,

retinol and whole blood selenium in cancer patients and their families.

- 1983 - 1984 Public Health Nurse
Santa Cruz County Health Department
Santa Cruz, California
- 1979 - 1984 Registered Nurse, Labor and delivery, neonatal care and post-partum
Santa Cruz Community Hospital, Santa Cruz California

Honors and Awards

UTSPH Nominee for McGovern Teaching Award, 2014

Deans Teaching Excellence Award, 2008

Teaching Award for UTSPH, Division of Epidemiology and Disease Control, 2008, 2010

UTSPH Excellence in Scholarship Incentive Award for Fiscal Year 1995, 1996, 2000, 2008

UTSPH Excellence in Research Incentive Award for Fiscal Year, continuously from 1998-2014

UTSPH Nominee for President's Award for Mentoring Women, 1999 & 2004

Reviewer for Peer-Reviewed Journals

American Journal of Epidemiology
American Journal of Medical Genetics
American Journal of Perinatology
American Journal of Preventative Medicine
Annals of Epidemiology
Archives of Pediatric and Adolescent Medicine
Birth Defects Research Part A
British Medical Journal
Chronobiology International
Cleft Palate Craniofacial Journal
Environmental Health Perspectives
Environmental Research
Epidemiologic Reviews
International Journal of Environmental Research and Public Health
JAMA
Journal of Epidemiology and Community Health
Journal of Obstetrics and Gynaecology Research
National Birth Defects Prevention Study (Internal Reviewer)
New England Journal of Medicine
Obstetrics & Gynecology

Paediatric and Perinatal Epidemiology
PLoS ONE
Prenatal Diagnosis
Radiation and Environmental Biophysics
Reproductive Sciences
Teratology
Texas Public Health Journal

Lead Mentor for Doctoral Dissertations (current position)

Makhdum Ahmed, PhD, 2017: Maternal exposure to specific types of oral contraceptives and birth defects

Renata Benjamin, PhD, 2016: Maternal fish consumption and risk of preterm or small for gestational age infants

Hyeyeun Lim PhD, 2014: The association between ionizing radiation and birth defects, (Post-doctoral fellow, Radiation Epidemiology Branch, NCI, Bethesda MD).

Melanie McNeese PhD, 2013: The association between maternal parity and birth defects, (Epidemiologist, Houston Medical Monitoring Project, Houston Health Department)

Cindy Segal PhD, 2013: Risk factors for surgical site infections among patients undergoing major colon surgery in the US 2007-2009, (Associate Director, Perioperative Services for Head & Neck/Plastics/Ortho/Neuro Surgery Services, MD Anderson)

Susannah Wallace PhD, 2013: Intensive care unit utilization among patients with cancer at the end of life. (Senior Clinical Informatics Specialist, EHR Analytics & Reporting, MD Anderson Cancer Center)

Lockwood Taylor PhD, 2009: The association between maternal use of SSRIs during pregnancy and adverse pregnancy outcomes, (Epidemiologist, Federal Drug Administration, US government)

Michael Shayne Galloway PhD, 2008: The association between maternal use of spermicides, condoms, intra-uterine devices and progesterone and major structural birth defects. (Health Scientist, Centers for Disease Control, U.S. Public Health Service Commissioned Corps, Atlanta, Georgia).

Tuan Vo PhD, 2006: Parental demographic risk factors and occupational exposure to ionizing radiation for achondroplasia, thanatophoric and autosomal deletions in Texas, 1996-2002. (Physician/Epidemiologist, Public Maternity Hospital, Ho Chi Minh City, Vietnam)

James L. Anderson MD PhD, 2002: The relationship of maternal body mass index prior to pregnancy, gestational diabetes and congenital central nervous system malformations in the fetus and infant: a Texas case control study. (Associate Professor/ Chair of Biostatistics and Epidemiology, East Tennessee State University)

Arlene Keddie PhD, 2002: Is low parental education associated with congenital heart defects? (Associate Professor, College of Health and Human Sciences, Northern Illinois University)

Marilyn Felkner DrPH, 2001: Case-control study of association of maternal recall of diarrhea or use of antimicrobials in the periconceptional period and neural tube defects. (Epidemiologist, Infectious Disease Control Unity, Texas Department of State Health Services)

Wendy Nembhard PhD, 2000: First-year mortality and survival among infants with selected congenital anomalies in Texas, 1995 to 1997. (Associate Professor of Epidemiology, College of Public Health, University of South Florida, Tampa)

Colonel Michael Custer DrPH, 1999: Intendedness of pregnancy among active duty women in the U.S. Army. (Executive Director Public Health Command, US Army)

Baogang Wang DrPH, 1997: Birth defects among surviving children under seven years of age in Tianjin, China (unknown).

Lead Mentor for Masters Theses or Capstone

Syeda Uruba, MPH, 2017 (in progress): Maternal exposure to hot tubs and birth defects, an updated analysis

Katherine Kurnit MD, MPH, 2017: Impact OF CTNNB1 (β -Catenin) Gene mutation and the wnt/ β -Catenin pathway in endometrial cancer

Natasha Wahab, MPH, 2017: Capstone

Wensheng Sun, MPH, 2016: Relation of Lipoprotein (a) and small dense LDL (sdLDL) to incident CVD: the ARIC study

Amy Hallmark, MPH, 2015: Exposure to the contraceptive patch and the contraceptive vaginal ring and birth defects.

Jonathon Crew MD, MPH, 2015: Risk Factors for community associated Clostridium difficile – associated diarrhea in children.

Titilola Balogun MPH, 2014: Infant breastfeeding patterns by sex: Do males feed more?

Hadil Bazerbashi, MPH MD, 2014: Capstone

Pavirtha Pattabiraman MPH, 2010: Secondary left ventricular ejection fraction response to beta blocker therapy in heart failure patients.

Kristen Correa MPH, 2010: Epidemiological trends in influenza A positive patients hospitalized at St. Luke's Episcopal Hospital

Julee Ann Rendon MPH, 2009: Predictive factors for vaginal douching and tampon use among U.S. women: Are these risk factors for bacterial vaginosis and trichomonas?

Kimberly Pieplow MPH, 2009: Epidemiology of isolated obstructive genitourinary defects in Texas: 1999-2003

Bobbiejean Garcia MPH, 2008: A systematic review of selected birth outcomes in diabetic women who received preconception care and/or used multivitamins prior to pregnancy

Pratiksha Amin MPH, 2008: A systematic review of the animal and human literature on the use of vaccines to prevent dental caries

Jessica Kan MPH, 2008: Differences in small-for-gestational-age and preterm birth among Asian subgroups in relation to nativity status

Pascal Kingah MPH, 2008: Maternal factors, fetal parameters and the risk of shoulder dystocia

James Michael Dunne, 2008: Demographics of having a gun in the home in Columbia, SC as reported by women primary care patients

Jing Wang MS, 2007: Prevalence of infantile hypertrophic pyloric stenosis in Texas: 1999-2002

Lum-Awah Atang MPH, 2005: A cross-sectional study of differences in the birth weight patterns of foreign-born and US-born women in the state of Texas

Inshirah Al Adli MPH, 2005: Review of literature on the rate of thyroid cancer among children exposed to radiation

Tracy Dawson MPH, 2004: Placental location and risk of adverse perinatal outcome.

Syed Hashmi MD, MPH, 2004: Prevalence of oral cleft in Texas: 1995-1999.

Lauren Spears MPH, 2003: Barriers to work of new clients of M-Powerment, a welfare-to-work program in Waco, Texas.

Norma Tejada MPH, 2003: Screening in the post-partum unit for child abuse.

Courtney Barr MPH, 2000: Clinical variables and breast cancer survival among women admitted to MD Anderson Cancer Center from 1985 to 1994.

Erin Fox MS, 1999: A cross-sectional study of blood and serum micronutrients and Helicobacter pylori seroprevalence in adolescents aged 12 to 19.

Sandra Acholonu MPH, 1998: Maternal obesity: is it a risk factor for major birth defects?

Yuwei Zhu MS, 1998: Risk of producing malformed offspring among women weighing equal to or greater than 200 pounds.

Jerry Miller MS, 1998: Mutagenicity of *Helicobacter pylori* as detected by the Ames test and its association with stomach cancer.

Michael E. Moloney MD, MPH, 1998: Prior born sibling birth weight and subsequent risk of offspring with neural tube defects to multiparous Hispanic mothers on the Texas-Mexico border.

Melissa Pujazon MPH, 1997: Prenatal diagnosis of birth defects in Texas Public Health Regions Six and Eleven.

Sucharitha Gunasekera MPH, 1997: Descriptive study of racial/ethnic differentials in teenage pregnancy, Texas 1995.

Simone Morris MS, 1997: The role of smoking on the development of lung cancer among women who received radiation treatment for breast cancer.

Ruby Benjamin-Garner MPH, 1995: A cross-sectional survey of knowledge and attitudes on cardiovascular disease prevention among graduating medical students.

Sophie Chemali MS, 1995: The relationship between maternal levels of hemoglobin during pregnancy and adverse pregnancy outcomes.

Hong Jiang MS, 1995: Pregnancy-induced hypertension and risk of low birth weight and preterm.

Thomas Spain MPH, 1994: Second-trimester levels of alpha-fetoprotein, estriol, and chorionic gonadotropin for Down's syndrome screening, correlated between successive pregnancies.

Peer Reviewed Publications (§ Lead or senior author, * UTSPH student)

Goldman LR, Smith DF, Neutra RR, Saunders LD, Pond EM, Stratton J, **Waller DK**, Jackson RJ, Kizer KW. Pesticide food poisoning from contaminated watermelons in California 1985. Arch Environ Health 1990; 45(4):229-36. PubMed PMID: 2400245. **(Citations: 28)**

Smith AH, **Waller DK**. Serum beta-carotene in persons with cancer and their immediate families. Am J Epidemiol 1991; 133(7):661-71. PubMed PMID: 2018021. **(Citations: 36)**

§ **Waller DK**, Lustig LS, Cunningham GC, Golbus MS, Hook EB. Second-trimester maternal serum alpha-fetoprotein levels and the risk of subsequent fetal death. N Engl J Med 1991; 325(1):6-10. PubMed PMID: 1710779. **(Citations: 75)**

§ **Waller DK**, Lustig LS, Smith AH, Hook EB. Alpha-fetoprotein: a biomarker for pregnancy outcome. Epidemiology 1993; 4(5):471-6. Review. PubMed PMID: 7691189. **(Citations: 43)**

§ **Waller DK**, Mills JL, Simpson JL, Cunningham GC, Conley MR, Lassman MR, Rhoads GG. Are obese women at higher risk for producing malformed offspring? Am J Obstet Gynecol 1994; 170(2):541-8. PubMed PMID: 8116710. **(Citations: 238)**

Feuchtbaum LB, Cunningham G, **Waller DK**, Lustig LS, Tompkinson DG, Hook EB. Fetal karyotyping for chromosome abnormalities after an unexplained elevated maternal serum alpha-fetoprotein screening. Obstet Gynecol 1995; 86(2):248-54. PubMed PMID: 7542378. **(Citations: 17)**

§ **Waller DK**, Lustig LS, Cunningham GC, Feuchtbaum LB, Hook EB. The association between maternal serum alpha-fetoprotein and preterm birth, small for gestational age infants, preeclampsia, and placental complications. Obstet Gynecol 1996; 88(5):816-22. PubMed PMID: 8885920. **(Citations: 92)**

§ Byrne JL, **Waller DK**, Rose E, Elias S. Effect of Hispanic ethnicity on interpretation of maternal serum screening. Fetal Diagn Ther 1997; 12(2):102-6. PubMed PMID: 9218951. **(Citations: 7)**

§ Swaim LS, Holste CS, **Waller DK**. Umbilical cord blood pH after prior cesarean delivery. Obstet Gynecol 1998; 92(3):390-3. PubMed PMID: 9721776. **(Citations: 9)**

Ayala C*, Steinberger E, Sweeney A, Mueller WH, **Waller DK**, Hardy R, Petak SM, Rodriguez-Rigau LJ, Smith KD. The relationship of serum androgens and ovulatory status to blood pressure in reproductive-age women. Am J Hypertens 1999; 12(8 Pt 1):772-7. PubMed PMID: 10480469. **(Citations: 7)**

Saliba RM*, Annegers JF, **Waller DK**, Tyson JE, Mizrahi EM. Incidence of neonatal seizures in Harris County, Texas, 1992-1994. Am J Epidemiol 1999; 150(7):763-9. PubMed PMID: 10512430. **(Citations: 88)**

Cooksley CD*, Hwang LY, **Waller DK**, Ford CE. HIV-related malignancies: community-based study using linkage of cancer registry and HIV registry data. Int J STD AIDS 1999; 10(12):795-802. PubMed PMID: 10639060. **(Citations: 72)**

Miles AL, Monga M, **Waller DK**, Dande D, Pschirrer ER. Risk factors for symptomatic uterine rupture during a trial of labor: the 1990s. Am J Perinatol 2000; 17(7):385-9. PubMed PMID: 12141526. **(Citations: 8)**

O'Rourke KM, Redlinger TE, **Waller DK**. Declining levels of erythrocyte folate during the postpartum period among Hispanic women living on the Texas-Mexico border. J Womens Health Gen Based Med 2000; 9(4):397-403. PubMed PMID: 10868612. **(Citations: 12)**

§ **Waller DK**, Spears WD, Gu Y*, Cunningham GC. Assessing number-specific error in the recall of onset of last menstrual period. Paediatr Perinat Epidemiol 2000; 14(3):263-7. PubMed PMID: 10949219. **(Citations: 31)**

§ **Waller DK**, Anderson JL*, Lorey F, Cunningham GC. Risk factors for congenital hypothyroidism: an investigation of infant's birth weight, ethnicity, and gender in California,

1990-1998. Teratology 2000; 62(1):36-41. PubMed PMID: 10861631. **(Citations: 60)**

§ **Waller DK**, Pujazon MA*, Canfield MA, Scheuerle AE, Byrne JL. Frequency of prenatal diagnosis of birth defects in Houston, Galveston and the Lower Rio Grande Valley, Texas 1995. Fetal Diagn Ther 2000; 15(6):348-54. PubMed PMID: 11111216. **(Citations: 31)**

§ Tita AT*, Hollier LM, **Waller DK**. Seasonality in conception of births and influence on late initiation of prenatal care. Obstet Gynecol 2001; 97(6):976-81. PubMed PMID: 11384706. **(Citations: 10)**

Saliba RM*, Annegers FJ, **Waller DK**, Tyson JE, Mizrahi EM. Risk factors for neonatal seizures: a population-based study, Harris County, Texas, 1992-1994. Am J Epidemiol 2001; 154(1):14-20. PubMed PMID: 11427400. **(Citations: 38)**

§ Nembhard WN*, **Waller DK**, Sever LE, Canfield MA. Patterns of first-year survival among infants with selected congenital anomalies in Texas, 1995-1997. Teratology 2001; 64(5):267-75. PubMed PMID: 11745833. **(Citations: 68)**

§ **Waller DK**, Keddie AM*, Canfield MA, Scheuerle AE. Do infants with major congenital anomalies have an excess of macrosomia? Teratology 2001; 64(6):311-7. PubMed PMID: 11754173. **(Citations: 10)**

§ **Waller DK**, Tita AT*, Werler MM, Mitchell AA. Association between pre-pregnancy maternal body mass index and the risk of having an infant with a congenital diaphragmatic hernia. Birth Defects Res A Clin Mol Teratol 2003; 67(1):73-6. PubMed PMID: 12749387. **(Citations: 9)**

§ Felkner M*, Hendricks K, Suarez L, **Waller DK**. Diarrhea: a new risk factor for neural tube defects? Birth Defects Res A Clin Mol Teratol 2003; 67(7):504-8. PubMed PMID: 14565621. **(Citations: 20)**

§ **Waller DK**, Tita AT*, Annegers JF. Rates of twinning before and after fortification of foods in the US with folic acid, Texas, 1996 to 1998. Paediatr Perinat Epidemiol 2003; 17(4):378-83. PubMed PMID: 14629320. **(Citations: 27)**

Ramadhani TA, Canfield MA, **Waller DK**, Case AP. Medical records vs. interview responses: a comparative analysis of selected variables for linked birth defect cases. Birth Defects Research Part A 2004; 70(9):592-6. PubMed PMID: 15368558. **(Citations: 7)**

§ Anderson JL*, **Waller DK**, Canfield MA, Shaw GM, Watkins ML, Werler MM. Maternal obesity, gestational diabetes, and central nervous system birth defects. Epidemiology 2005; 16(1):87-92. PubMed PMID: 15613950. **(Citations: 146)**

Moorthi RN, Hashmi SS, Langois P, Canfield M, **Waller DK**, Hecht JT. Idiopathic talipes equinovarus (ITEV) (clubfoot) in Texas. Am J Med Genet A 2005; 132A (4):376-80. PubMed PMID: 15633175. **(Citations: 34)**

§ Hashmi SS*, **Waller DK**, Langlois P, Canfield M, Hecht JT. Prevalence of nonsyndromic oral

clefts in Texas: 1995-1999. Am J Med Genet A 2005; 134(4):368-72. PubMed PMID: 15779018. **(Citations: 63)**

Tita AT*, Selwyn BJ, **Waller DK**, Kapadia AS, Dongmo S. Evidence-based reproductive health care in Cameroon: population-based study of awareness, use and barriers. Bull World Health Organ 2005; 83(12):895-903. PubMed PMID: 16462981. **(Citations: 35)**

Du XL, Key CR, Dickie L, Darling R, Delclos GL, **Waller DK**, Zhang D. Information on chemotherapy and hormone therapy from tumor registry had moderate agreement with chart reviews. J Clin Epidemiol 2006; 59(1):53-60. PubMed PMID: 16360561. **(Citations: 26)**

Tita AT*, Selwyn BJ, **Waller DK**, Kapadia AS, Dongmo S. Factors associated with the awareness and practice of evidence-based obstetric care in an African setting. BJOG 2006; 113(9):1060-6. PubMed PMID: 16956337. **(Citations: 7)**

Canfield MA, Ramadhani TA, Langlois PH, **Waller DK**. Residential mobility patterns and exposure misclassification in epidemiologic studies of birth defects. J Expo Sci Environ Epidemiol. 2006; 16(6):538-43. PubMed PMID: 16736057. **(Citations: 84)**

§ **Waller DK**, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Galloway MS*, Correa A; National Birth Defects Prevention Study. Prepregnancy obesity as a risk factor for structural birth defects. Arch Pediatr Adolesc Med 2007; 161(8):745-50. PubMed PMID: 17679655. **(Citations: 275)**

Wynn J, King TM, Gambello MJ, **Waller DK**, Hecht JT. Mortality in achondroplasia study: a 42-year follow-up. Am J Med Genet A 2007; 143A (21):2502-11. PubMed PMID: 17879967. **(Citations: 38)**

Yang W, Shaw GM, Carmichael SL, Rasmussen SA, **Waller DK**, Poer BR, Anderka M; National Birth Defects Prevention Study. Nutrient intakes in women and congenital diaphragmatic hernia in their offspring. Birth Defects Res A Clin Mol Teratol 2008; 82(3):131-8. PubMed PMID: 18181217. **(Citations: 25)**

§ Custer M, **Waller DK**, Vernon S, O'Rourke K. Unintended pregnancy rates among a US military population. Paediatr Perinat Epidemiol 2008; 22(2):195-200. PubMed PMID: 18298695. **(Citations: 20)**

Bitsko RH, Reefhuis J, Louik C, Werler M, Feldkamp ML, **Waller DK**, Frias J, Honein MA; National Birth Defects Prevention Study. Periconceptional use of weight loss products including ephedra and the association with birth defects. Birth Defects Res A Clin Mol Teratol 2008; 82(8):553-62. PubMed PMID: 18553492. **(Citations: 13)**

Correa A, Gilboa SM, Besser LM, Botto LD, Moore CA, Hobbs CA, Cleves MA, Riehle-Colarusso TJ, **Waller DK**, Reece EA. Diabetes mellitus and birth defects. Am J Obstet Gynecol 2008; 199(3):237.e1-9. PubMed PMID: 18674752. **(Citations: 318)**

§ **Waller DK**, Correa A, Vo TM, Wang Y, Hobbs C, Langlois PH, Pearson K, Romitti PA, Shaw GM, Hecht JT. The population-based prevalence of achondroplasia and thanatophoric dysplasia

in selected regions of the US. Am J Med Genet A 2008; 146A(18):2385-9. PubMed PMID: 18698630. (Citations: 60)

§ Wang J, **Waller DK**, Hwang LY, Taylor LG, Canfield MA. Prevalence of infantile hypertrophic pyloric stenosis in Texas, 1999-2002. Birth Defects Res A Clin Mol Teratol 2008; 82(11):763-7. PubMed PMID: 18985686. (Citations: 25)

Mosley BS, Cleves MA, Siega-Riz AM, Shaw GM, Canfield MA, **Waller DK**, Werler MM, Hobbs CA; National Birth Defects Prevention Study. Neural tube defects and maternal folate intake among pregnancies conceived after folic acid fortification in the United States. Am J Epidemiol 2009; 169(1):9-17. PubMed PMID: 18953063. (Citations: 96)

Canfield MA, Ramadhani TA, Shaw GM, Carmichael SL, **Waller DK**, Mosley BS, Royle MH, Olney RS; National Birth Defects Prevention Study. Anencephaly and spina bifida among Hispanics: maternal, sociodemographic, and acculturation factors in the National Birth Defects Prevention Study. Birth Defects Res A Clin Mol Teratol 2009; 85(7):637-46. PubMed PMID: 19334286. (Citations: 43)

Browne ML, Rasmussen SA, Hoyt AT, **Waller DK**, Druschel CM, Caton AR, Canfield MA, Lin AE, Carmichael SL, Romitti PA; National Birth Defects Prevention Study. Maternal thyroid disease, thyroid medication use, and selected birth defects in the National Birth Defects Prevention Study. Birth Defects Res A Clin Mol Teratol 2009; 85(7):621-8. PubMed PMID: 19215015. (Citations: 24)

Ramadhani T, Short V, Canfield MA, **Waller DK**, Correa A, Royle M, Scheuerle A; National Birth Defects Prevention Study (NBDPS). Are birth defects among Hispanics related to maternal nativity or number of years lived in the United States? Birth Defects Res A Clin Mol Teratol 2009; 85(9):755-63. PubMed PMID: 19350653. (Citations: 16)

§ Gallaway MS, **Waller DK**, Canfield MA, Scheuerle A; National Birth Defects Prevention Study. The association between use of spermicides or male condoms and major structural birth defects. Contraception 2009; 80(5):422-9. PubMed PMID: 19835715. (Citations: 1-)

Gilboa SM, Correa A, Botto LD, Rasmussen SA, **Waller DK**, Hobbs CA, Cleves MA, Riehle-Colarusso TJ; National Birth Defects Prevention Study. Association between prepregnancy body mass index and congenital heart defects. Am J Obstet Gynecol 2010; 202(1):51.e1-51.e10. PubMed PMID: 19796755. (Citations: 77)

Vendola C, Canfield M, Daiger SP, Gambello M, Hashmi SS, King T, Noblin SJ, **Waller DK**, Hecht JT. Survival of Texas infants born with trisomies 21, 18, and 13. Am J Med Genet A 2010; 152A(2):360-6. PubMed PMID: 20082470. (Citations: 53)

Lupo PJ, Symanski E, Chan W, Mitchell LE, **Waller DK**, Canfield MA, Langlois PH. Differences in exposure assignment between conception and delivery: the impact of maternal mobility. Paediatr Perinat Epidemiol 2010; 24(2):200-8. PubMed PMID: 20415777. (Citations: 64)

§ **Waller DK**, Gallaway MS, Taylor LG, Ramadhani TA, Canfield MA, Scheuerle A,

Hernández-Díaz S, Louik C, Correa A; National Birth Defects Prevention Study. Use of oral contraceptives in pregnancy and major structural birth defects in offspring. Epidemiology 2010; 21(2):232-9. PubMed PMID: 20087193. **(Citations: 26)**

Shahrukh Hashmi S*, Gallaway MS, **Waller DK**, Langlois PH, Hecht JT; National Birth Defects Prevention Study. Maternal fever during early pregnancy and the risk of oral clefts. Birth Defects Res A Clin Mol Teratol 2010; 88(3):186-94. PubMed PMID: 20099315. **(Citations: 24)**

Lupo PJ*, Symanski E, **Waller DK**, Chan W, Canfield MA, Langlois PH, Mitchell LE; National Birth Defects Prevention Study. Polytomous logistic regression as a tool for exploring heterogeneity across birth defect subtypes: an example using anencephaly and spina bifida. Birth Defects Res A Clin Mol Teratol 2010; 88(8):701-5. PubMed PMID: 20740595. **(Citations: 7)**

Lupo PJ*, Symanski E, **Waller DK**, Chan W, Langlois PH, Canfield MA, Mitchell LE. Maternal exposure to ambient levels of benzene and neural tube defects among offspring: Texas, 1999-2004. Environ Health Perspect 2011; 119(3):397-402. PubMed PMID: 20923742. **(Citations: 69)**

Ramadhani TA, Canfield MA, Farag NH, Royle M, Correa A, **Waller DK**, Scheuerle A; National Birth Defects Prevention Study. Do foreign and U.S.-born mothers across racial/ethnic groups have a similar risk profile for selected sociodemographic and periconceptual factors? Birth Defects Res A Clin Mol Teratol 2011; 91(9):823-30. PubMed PMID: 21656900. **(Citations: 6)**

§ Duong HT, Shahrukh Hashmi S, Ramadhani T, Canfield MA, Scheuerle A, **Waller DK**; National Birth Defects Prevention Study. Maternal use of hot tub and major structural birth defects. Birth Defects Res A Clin Mol Teratol 2011; 91(9):836-41. PubMed PMID: 21648056. **(Citations: 22)**

Correa A, Gilboa SM, Botto LD, Moore CA, Hobbs CA, Cleves MA, Riehle-Colarusso TJ, **Waller DK**, Reece EA; National Birth Defects Prevention Study. Lack of periconceptual vitamins or supplements that contain folic acid and diabetes mellitus-associated birth defects. Am J Obstet Gynecol 2012; 206(3):218.e1-13. PubMed PMID: 22284962. **(Citations: 51)**

§ Duong HT, Hoyt AT, Carmichael SL, Gilboa SM, Canfield MA, Case A, McNeese ML, **Waller DK**; National Birth Defects Prevention Study. Is maternal parity an independent risk factor for birth defects? Birth Defects Res A Clin Mol Teratol 2012; 94(4):230-6. PubMed PMID: 22371332. **(Citations: 27)**

Lupo PJ*, Canfield MA, Chapa C, Lu W, Agopian AJ, Mitchell LE, Shaw GM, **Waller DK**, Olshan AF, Finnell RH, Zhu H. Diabetes and obesity-related genes and the risk of neural tube defects in the national birth defects prevention study. Am J Epidemiol 2012; 176(12):1101-9. PubMed PMID: 23132673. **(Citations: 21)**

Johnson CY, Howards PP, Strickland MJ, **Waller DK**, Flanders WD. Weighted logistic regression for multiple bias analysis. Am J Epidemiol 2012; 175:S46-S46. **(Citations: 0)**

Agopian AJ, **Waller DK**, Lupo PJ, Canfield MA, Mitchell LE. A case-control study of maternal

bathing habits and risk for birth defects in offspring. Environ Health 2013; 12:88. PubMed PMID: 24131571. **(Citations: 5)**

Cai Y*, Lai D, **Waller DK**, Du X, Burau K, Symanski E. Statistical analysis of the effect of the day of the week on births in Harris County, Texas. J Biological Systems 2013; 21(2):1-8. **(Citations: 0)**

Weedn AE, Mosley BS, Cleves MA, **Waller DK**, Canfield MA, Correa A, Hobbs CA; National Birth Defects Prevention Study. Maternal reporting of prenatal ultrasounds among women in the National Birth Defects Prevention Study. Birth Defects Res A Clin Mol Teratol 2014; 100(1):4-12. PubMed PMID: 24123727. **(Citations: 0)**

Symanski E, Davila M*, McHugh MK, **Waller DK**, Zhang X, Lai D. Maternal exposure to fine particulate pollution during narrow gestational periods and newborn health in Harris County, Texas. Matern Child Health J. 2014; 18(8):2003-12. PubMed PMID: 24585411. **(Citations: 12)**

§ Segal CG, **Waller DK**, Tilley B, Piller L, Bilimoria K. An evaluation of differences in risk factors for individual types of surgical site infections after colon surgery. Surgery 2014; 156(5):1253-60. PubMed PMID: 25178993. **(Citations: 11)**

Hoyt AT, Canfield MA, Shaw GM, **Waller DK**, Polen KN, Ramadhani T, Anderka MT, Scheuerle AE; National Birth Defects Prevention Study. Sociodemographic and Hispanic acculturation factors and isolated anotia/microtia. Birth Defects Res A Clin Mol Teratol 2014; 100(11):852-62. PubMed PMID: 25074828. **(Citations: 1)**

§ McNeese ML, Selwyn BJ, Duong H, Canfield M, **Waller DK**. The association between maternal parity and birth defects. Birth Defects Res A Clin Mol Teratol 2015; 103(2):144-56. PubMed PMID: 25721953. **(Citations: 1)**

§ Lim H, Agopian AJ, Whitehead LW, Beasley CW, Langlois PH, Emery RJ, **Waller DK**; National Birth Defects Prevention Study. Maternal occupational exposure to ionizing radiation and major structural birth defects. Birth Defects Res A Clin Mol Teratol 2015; 103(4):243-54. PubMed PMID: 25820072. **(Citations: 7)**

§ Wallace SK, **Waller DK**, Tilley BC, Piller LB, Price KJ, Rathi N, Haque S, Nates JL. Place of Death among Hospitalized Patients with Cancer at the End of Life. J Palliat Med 2015; 18(8):667-76. PubMed PMID: 25927588. **(Citations: 0)**

§ Crews JD, Anderson LR, **Waller DK**, Swartz MD, DuPont HL, Starke JR. Risk factors for community associated Clostridium difficile-associated diarrhea in children. Pediatr Infect Dis J 2015; 34(9):919-23. PubMed PMID: 26164847. **(Citations: 12)**

§ Wallace SK, Rathi NK, **Waller DK**, Ensor JE, Haque SA, Price KJ, Piller LB, Tilley BC, Nates JL. Two Decades of ICU Utilization and Hospital Outcomes in a Comprehensive Cancer Center. Critical Care Medicine 2016;44:926-33. **(Citations: 5)**

Maypole-Keenan CM*, Symanski E, Stock TH, **Waller DK**. Association Between Ambient Levels of Polycyclic Aromatic Hydrocarbons and Small for Gestational Age Hispanic Infants Born Along the United States-Mexico Border. J Immigr Minor Health 2016; 18(1):143-9. PubMed PMID: 24585213. **(Citations: 0)**

§ Lim H, Beasley CW, Whitehead LW, Emery RJ, Agopian AJ, Langlois PH, **Waller DK**; National Birth Defects Prevention Study. Maternal exposure to radiologic exams during early pregnancy and major structural birth defects. Birth Defects Res A Clin Mol Teratol 2016; 106(7):563-72. PubMed PMID: 27001904. **(Citations: 2)**

Hardos JE, Whitehead LW, Han I, DK Ott, **Waller DK**. Depression prevalence and exposure to organophosphate esters in aircraft maintenance workers. Aerosp Med Hum Perform 2016; 87(8):712-17. **(Citations: 1)**

Razzaghi H, Tinker SC, Herrin AH, Howards PP, **Waller DK**, Johnson CY, Impact of missing data for body mass index in an epidemiologic study. Matern Child Health J 2016; 20(7):1497-505. PubMed PMID: 27029540. **(Citations: 0)**

Hoyt AT, Canfield MA, Langlois PH, **Waller DK**, Agopian AJ, Shumate CJ, Hall NB, Marengo LK, Ethen MK, Scheuerle AE. Pre-Zika descriptive epidemiology of microcephaly in Texas, 2008-2012. Birth Defects Res. 2018 Mar 15;110(5):395-405. doi: 10.1002/bdr2.1164. Epub 2017 Nov 24. PMID:29171191. **(Citations: 1)**

Howley MM, Fisher SC, Van Zutphen AR, **Waller DK**, Carmichael SL, Browne ML; National Birth Defects Prevention Study. Thyroid Medication Use and Birth Defects in the National Birth Defects Prevention Study. Birth Defects Res. 2017 Nov 1;109(18):1471-1481.PMID:28758357 **(Citations: 1)**

Werler MM, Guéry E, **Waller DK**, Parker SE. Gastroschisis and Cumulative Stressor Exposures. Epidemiology. 2018 Sep;29(5):721-728. PMID:29863532. **(Citations: 0)**

Waller DK, Hashmi SS, Hoyt AT, Duong HT, Tinker SC, Gallaway MS, Olney RS, Finnell RH, Hecht JT, Canfield MA. 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 Research 2018; Mar 1;110(4):342-351. Epub 2017 Nov 2. PMID:29094488. **(Citations: 1)**

Johnson CY, Howards PP, Strickland MJ, **Waller DK**, Flanders WD; National Birth Defects Prevention Study. Multiple bias analysis using logistic regression: an example from the National Birth Defects Prevention Study. Ann Epidemiol. 2018 Aug;28(8):510-514. doi: 10.1016/j.annepidem.2018.05.009. Epub 2018 Jun 2. PMID:29936049. **(Citations: 0)**

§ Benjamin RH, Mitchell LE, Canfield MA, Hoyt AT, Lai D, Ramadhani TA, Carmichael SL, Case AP, **Waller DK**; National Birth Defects Prevention Study. Fish consumption prior to pregnancy and pregnancy outcomes in the National Birth Defects Prevention Study, 1997-2011. Public Health Nutr. 2018 Oct 17:1-8.

Invited Research Article

§ Canfield MA, Anderson JL, **Waller DK**, Palmer SE, Kaye CI. Folic acid awareness and use among women with a history of a neural tube defect pregnancy--Texas, 2000-2001. MMWR Recomm Rep 2002; 51(RR-13):16-9. PubMed PMID: 12353508. **(Citations: 29)**

Invited Editorial

Hook EB, **Waller DK**. Prenatal screening for neural tube defects and chromosome abnormalities: the complexities of program evaluation. Epidemiology 1995; 6(1):1-4. PubMed PMID: 7888438. **(Citations: 3)**

Invited Commentaries

§ **Waller DK**. Why neural tube defects are increased in obese women. Contemporary OB GYN, September 1997; 1-4. **(Citations: 1)**

Edwards J, Goodman E, Levine N, Ray E, Rowen L, Tyler RD, **Waller DK**. Roundtable discussion: Obesity-related Issues in fertility and pregnancy. Bariatric Nursing and Surgical Patient Care 2007; 2:93-100. **(Citations: 1)**

Invited Review

§ **Waller DK**, Dawson TE. Relationship between maternal obesity and adverse pregnancy outcomes. Nestle Nutr Workshop Ser Pediatr Program 2005; 55:197-207; discussion 207-11. Review. PubMed PMID: 16632936. **(Citations: 6)**

Published Letters (‡Contains Original Data)

Waller DK. Testosterone treatment for delayed growth. N Eng J Med 1989; 320:1217

‡ **Waller DK**, Lustig LS, Hook EB. Gestational age at maternal serum alpha-fetoprotein screening and the detection of Down syndrome. Am J Hum Genet 1990; 47(3):581-583. PubMed PMID: 1697446.

‡ **Waller DK**, Lustig LS, Hook EB. Does fetal growth retardation explain the association between Down syndrome and low levels of maternal serum alpha-fetoprotein? Prenat Diagn 1992; 12(10):854-5. PubMed PMID: 1282259.

Waller DK, Mills JL, Rhoads GG, Simpson JL, Cunningham GC. Reply to Haddow & Palomaki. Am J Obstet Gynecol 1995; 172(1):246-247.

Waller DK, Sweeney AM. Pregnancy and the timing of intercourse. N Engl J Med 1996; 334(19):1266; author reply 1267-8. PubMed PMID: 8606725.

Waller DK, Keddie AM, Canfield MA, Scheuerle AE. Sex ratios in infants with congenital anomalies. Teratology 2002; 66(2):60.

Authorship on Technical Reports -

Smith AH, **Waller DK**. Elevated rates of lung cancer in the industrial area of Contra Costa County and air pollution. (Published by the Contra Costa County Health Department, California 1984.)

Genetics in Texas: A review of current programs and recommendations for future action, November 1997. (Published by the Data subcommittee of Texgene, Texas Department of Health.)

Waller DK, Reproductive Outcomes of Texans on the Texas-Mexico Border: Published in The Health & Health Service Systems of Texans on the Texas-Mexico Border: Public Policy Implications, The University of Texas Health Science Center, School of Public Health, 2002

Selected Research Presentations

International Meeting (*), Invited Presentation (§)

Waller DK, Lustig LS, Hook EB, Golbus MS, Arnopp JJ. Maternal serum alpha-fetoprotein in 639 pregnancies ending in fetal death. Presented at the 38th Annual Meeting of the American Society of Human Genetics, 1989.

Waller DK, Smith AH. The effects of socioeconomic status and smoking on serum beta-carotene. Presented at the Second Annual Meeting of the International Society for Environmental Epidemiology (ISSE), 1990.

§ **Waller DK**. The relation of maternal obesity and fetal neural tube defects. Invited Presentation at the Center for Environmental Health and Injury Control, Centers for Disease Control, 1991.

§ **Waller DK**, Lustig LS, Cunningham GC, Hook EB. Unexplained maternal serum alpha-fetoprotein and perinatal outcome. Invited Presentation at the 43rd Annual Meeting of the American Society of Human Genetics, 1993.

§ **Waller DK**. Current Perspectives on Prenatal Screening for Birth Defects. Invited Presentation at the 5th Annual Conference: Advances in Obstetrics and Gynecology, 1993. Sponsored by the Office of Continuing Education, Baylor College of Medicine, Houston Texas.

Waller DK, Hook EB. The relation between second trimester levels of maternal serum alpha-fetoprotein and adverse pregnancy outcomes. Presented at the 7th Annual Meeting of the Society

for Pediatric Epidemiologic Research, June 14 & 15, 1994.

§ **Waller DK.** Principles of study design. Invited Presentation: Faculty of Obstetrics and Gynecology at Baylor College of Medicine, June 30, 1994.

Waller DK. Spears WD. Can digit preferences in the first day of the last menstrual period be used to identify pregnancies with the least accurate gestational age? Presented at the Society for Epidemiologic Research, Keystone Colorado June 1995.

Waller DK, JL Simpson, EA Rose, KJ Moise, S Elias. The association between serum levels of human chorionic gonadotropin (hCG), estriol and alpha-fetoprotein and preterm birth and small for gestational age infants. Presented at the Texas Forum on Female Reproduction May 16-17 1996, Houston Texas.

Waller DK, The association between second trimester serum levels of human chorionic gonadotropin and estriol and preterm birth and low birth weight. Presented at the 29th Annual Meeting of the Society for Epidemiologic Research, June 12 to 15, 1996, Boston, Massachusetts.

Waller DK. The association between serum levels of human chorionic gonadotropin, estriol and alpha-fetoprotein and preterm births and small for gestational age infants. Presented at the Ninth Annual Meeting of the Society for Pediatric Epidemiologic Research, June 10 to 11, 1996, Boston Massachusetts.

Waller DK, JL Simpson, EA Rose, KJ Moise, S Elias. The association between serum levels of human chorionic gonadotropin (hCG), estriol and alpha-fetoprotein and preterm birth and small for gestational age infants. Presented at the University of Texas-Houston Health Science Center, School of Public Health, Faculty Research Day, November 8, 1996, Houston, Texas.

§ **Waller DK,** Sweeney AM, del Junco D. What do we know about the etiology of neural tube defects? Presented at the School of Public Health Colloquium Series, October 31st, 1996.

§ **Waller DK.** Women's Health: Myth versus Reality. Invited Presentation: Women's Health Watch: Women and their choices in Health, January 16, 1997, Houston, Texas. (A Community Forum sponsored by UT Houston Health Science Center).

§ **Waller DK.** Maternal diabetes and maternal obesity; Do these two risk factors for neural tube defects have a common mechanism? Invited Presentation at the Second Biannual Scientific and Community Forum on Neural Tube Defects in South Texas, April 8-9th, 1997 Brownsville, Texas.

§ **Waller DK.** Embryogenesis and classification of birth defects. Invited Presentation to the Public Health Region 6 of the Texas Birth Defects Monitoring Program, June 24, 1997.

Waller DK. The effect of season on an indirect measure of time to ovulation. Presented at Texas Forum on Female Reproduction, May 15-16, 1997, Houston, Texas.

§ **Waller, DK.** Maternal diabetes and maternal obesity; Do these two risk factors for neural tube defects share a common mechanism. Presented to: The Houston Society for Research on Neural Tube Defects, Baylor College of Medicine, Houston, Texas April 16th, 1998.

Waller, DK. The association between Hispanic ethnicity, obesity, diabetes and the risk of having an infant with a malformation of the central nervous system; Presented at: UTSPH Faculty Research Symposium, Houston, Texas November 6th, 1998.

Waller DK. Design and methodology of telephone interview and biologic sampling for case control study of birth defects of the central nervous system. Presented at CDC site visit for Texas Birth Defects Research Center, College Station, Texas, May 28th 1998.

§ **Waller DK.** New developments in research on birth defects. Invited Presentation to the Texas Birth Defects Monitoring Division, Public Health Region 6, Houston, Texas, August 19th 1998.

§ **Waller DK** Prenatal diagnosis of birth defects. Invited Presentation at the Annual Training for the Texas Birth Defects Monitoring Division of Texas Department of Health, Austin, Texas, November 3rd 1998.

§ **Waller DK.** Nutrition, obesity and the risk of congenital malformation. Invited Presentation at the First Annual Scientific Symposium of the Center for Environmental and Rural Health, May 25, 1999, Texas A&M University, College Station, Texas.

Waller, DK. Anderson JL. Risk factors for congenital hypothyroidism: An investigation of infant's birth weight, ethnicity and gender, California 1990 to 1998. UTSPH Faculty Research Symposium, Houston, Texas November 12th, 1999.

§ **Waller DK.** Congenital hypothyroidism; a birth defect with a unique epidemiology. Invited Presentation at Department of Pediatrics, School of Medicine, University of Arkansas, July 17th, 2000.

§ **Waller DK.** Congenital hypothyroidism: A birth defect with a unique epidemiology. Invited Presentation at Grand Rounds, Department of Pediatrics, University of Texas, School of Medicine, January 8th, 2001

Waller DK, Anderson JL, Nembhard WN, Scheuerle AE, Wright D, Canfield MA. Maternal dieting and related behaviors and the risk of neural tube defects. Presented at the Annual Meeting of the National Birth Defects Prevention Network, San Antonio, Texas, January 29-31, 2001.

§ **Waller DK,** Canfield MA, Nembhard WN, Keddie A, Anderson JD, Wright D. The association between maternal obesity, dieting and diet related behaviors and an increased risk of having offspring with malformations of the central nervous system. Invited Presentation at the Texas Birth Defects Conference 2002, March 7-8, 2002.

§ **Waller DK,** Do infants with macrosomia have an excess of congenital anomalies? Presented at the Center for Development Disabilities, University of Oregon Health Sciences, Portland,

Oregon, January 21, 2003.

Waller DK, Canfield MA, Dawson TE, Jiang Y. Measures of adiposity and the risk of CNS anomalies. Presented at the Third International Conference on Neural Tube Defects 2003, September 27-30, Seabrook, South Carolina.

§ **Waller DK**, Canfield MA, Shaw GM, Werler MM. Is the association between maternal obesity and malformations of the central nervous system modified by maternal fever or use of multivitamins? Presented at 131st Annual Meeting of American Public Health Association, San Francisco, Nov 15-19, 2003.

Waller DK, Canfield MA, Shaw GM, Werler MM. Is the association between maternal obesity and malformations of the central nervous system modified by maternal fever or use of multivitamins during the periconceptional period ? Presented at 7th Annual Meeting of the National Birth Defects Prevention Study, San Francisco, Nov 12-13, 2003.

*§ **Waller DK**, Dawson T. Maternal Obesity and Adverse Pregnancy outcomes. Invited presentation at the 55th Nestle Nutrition Workshop, Pediatric Program, The Impact of Maternal Nutrition on the offspring. Beijing, China, 25-29 April 2004.

Waller DK, Hecht J, Langlois P, Correa A, Cross P, Hobbs C, Pearson K, Romitti P, Shaw GM. Prevalence rates of Achondroplasia and Thanatophoric dysplasia across 7 birth defects monitoring programs. Invited presentation at the 8th Annual Meeting of the National Birth Defects Prevention Study, San Antonio, Nov 16-18, 2004.

§ **Waller DK**. A proposal to conduct an epidemiologic study on congenital hypothyroidism, Invited presentation at the Annual Meeting of Pediatric Endocrinologists from Texas, Oklahoma, Arkansas, Austin, Texas 2005.

*§ **Waller DK**, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, Gallaway MS. Maternal obesity and birth defects, Preliminary results from the National Birth Defects Prevention Study. Invited presentation at the Canadian Congenital Anomalies Surveillance Network (CCASN), Ottawa, Ontario, Canada, November 20-22, 2005.

§ **Waller DK**, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, Gallaway MS. Maternal obesity and birth defects, Preliminary results from the National Birth Defects Prevention Study. Invited presentation at the Annual Working Meeting of the National Birth Defects Prevention Study, Washington, D.C. November 2006.

§ **Waller DK**, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, Siega-Riz AM, Correa A, Gallaway MS. Maternal obesity and birth defects – Preliminary results from the National Birth Defects Prevention Study. Invited presentation at the Annual Network for Prevention of Birth Defects Meeting, Washington, D.C. January 2006.

§ **Waller DK**, Maternal obesity and risk of structural birth defects. Invited presentation at the Biannual Texas Birth Defects Research Symposium, Austin, Texas, April 2006.

§ **Waller DK**, Prepregnant diabetes and obesity as risk factors for structural birth defects. Invited presentation at the Texas Birth Defects Research Symposium, Lubbock, Texas, October 2008.

Waller DK, Dunne M, Canfield MA. Recurrence of birth defects among siblings: A preliminary literature review. Presented at the Texas Birth Defects Symposium, Lubbock, Texas, October 2008.

*§ **Waller DK**, Lucas M, Mastrobattista JM, Dunne JM, Benjamin RH, Ethen MK, Sullivan C, Canfield MA. Comparison of ascertainment of neural tube defects (NTDs) among prenatal ultrasound exams and the Texas Birth Defects Registry. Presented at the 6th International NTD Conference, Sept. 12-15 2009, Burlington, Vermont.

Waller DK, Gallaway MS, Duong H, Canfield MA. Do women who become pregnant in the first month after discontinuing birth control have a decreased risk of major birth defects? Annual Meeting of the National Birth Defects Prevention Study, January 27th-29 2009, Atlanta, Georgia.

§ **Waller DK**, The Evidence of teratogens with multi-organ effects. Invited presentation for the Society for Gynecological Investigation, 57th Annual Meeting, Orlando Florida, March 2010.

§ **Waller DK**, MS Gallaway, Duong H, Canfield MA, Hashmi SS, Finnell RH, Olney RS. The association between maternal cold or flu and febrile illness in early pregnancy and selected central nervous system defects. Invited presentation for the Annual meeting of the Texas Center for Birth Defects Research and Prevention, August 2010, UTMS, Houston, Texas.

§ **Waller DK**, Doung H, Canfield MA, Hashmi SS, Scheuerle A. The association between maternal use of hot tubs and saunas in early pregnancy and selected birth defects. Annual meeting of the Texas Center for Birth Defects Research and Prevention, August 10th 2010, UTMS, Houston, Texas.

*§ **DK Waller**, HT Duong, Hashmi SS, Ramadhani T, Scheuerle A, Canfield MA, Maternal use of hot tubs and major structural birth defects. International conference on Neural Tube Defects, November 6-9th, 2011, Austin, Texas.

DK Waller, HT Duong, Hashmi SS, Ramadhani T, Scheuerle A, Canfield MA, Maternal use of hot tubs and major structural birth defects. The Teratology Society 51st Annual Meeting, June 25th-29th, 2013, San Diego, CA.

§ **DK Waller**, Can we vaccinate families against child abuse? Trailblazer Talk, UT Health, School of Public Health, 2013.

§ **DK Waller**, Maternal use of oral contraceptives and birth defects: a revised analysis. Invited presentation at the Texas Birth Defects Research Symposium, 2013.

§ **Waller DK**, MS Gallaway, Duong H, Tinker S, Canfield MA, Hashmi SS, Finnell RH, Olney RS. The association between maternal cold or flu and febrile illness in early pregnancy and

selected non-cardiac birth defects. Invited presentation for the Annual meeting of the Texas Center for Birth Defects Research and Prevention, September 28th, 2015, Broadcast from Austin, Texas.

§ **DK Waller**, SS Hashmi A Hoyt, M Canfield, S Tinker, S Gallaway, HT Duong, R Finnell, H Doung. Maternal fever from cold or flu and non-cardiac birth defects, National Birth Defects Prevention Study 1997-2011, International conference on Neural Tube Defects, October, 2015. Austin, Texas.

Research Support

Principal Investigator	Microcephaly Grant Program Texas DSHS (01/01/2017 – 12/31/2017) Waller – 15%	\$72,987
Co-Investigator	Multimodal MCH Training Program. HRSA (PI: Caughy) (06/01/2014 - present) Waller - 6.0%	\$883, 170
Principal Investigator	Parental Exposure to ionizing radiation and birth defects. NIOSH 1R03OH10315 (09/01/2012-08/31/2014)	\$150,000
Principal Investigator	Prenatal Ultrasound and Birth Defects NIH/NICHD R21 5R21HD056429-02 (07/01/2007–06/30/2009)	\$370,000
PI Subcontracts	Centers of Excellence for Surveillance, Research, Service and Evaluation aimed at Birth Defects Texas Department of State Health Services CDC U50 DD613232 (PI: M Canfield) (09/01/1995–08/31/2006) Annual Subcontracts Waller - \$990,000 Waller 20-30%	\$8,800,000
PI Subcontracts	Centers of Excellence for Surveillance, Research, Service and Evaluation aimed at Birth Defects, Texas Department of State Health Services CDC 3U50 DD613232 (PI: M Canfield) (09/01/2007–8/31/2008)	\$1,200,000

	Annual Subcontracts (Waller) - \$193,902 Waller 10-30%	
PI Subcontracts	Texas Center for Birth Defects Research and Prevention, Texas Department of State Health Services - CDC 5U01DD00049401-05 (PI: M Canfield) (09/01/20009–08/31/2013) Annual Subcontracts (Waller) - \$369,331 Waller 10-30%	\$3,946,342
Co-Investigator	Tracking Air Pollutants and Newborn Health in Houston – NIEHS/NIH - 5 E21 ES017347 (PI: Symanski) (06/01/2010–05/30/2011) Waller - 15%	\$410,625
Co-Investigator	Center for Alternative Medicine Training in Cancer - NCI/NIH (PI: Richardson) (06/01/1997–05/30/1999) Waller - 10%	\$831,215

Service to UTSPH & UTHealth

Chair of Admissions for Epidemiology	Present
Chair of Scholarships for Epidemiology	2005-present
Chair of Orientation for Epidemiology	2005-present
Member, Epidemiology Curriculum Committee	2000-present
Chair of Committee to Revise AAR	2008-2009
Chair of Committee to Revise Course Evaluation	2004-2005
Convener of Epidemiology	2002-2004
Representative to UTSPH Faculty Counsel	2002-2004
Representative to Interfaculty Counsel	2002-2004
Member, Admissions Committee for Epidemiology	2000-2002

Member, Committee on the Status of Women 1997-1999

Chair of Admissions for Community Health Practice 1994-1996
