

Curriculum Vitae
Kristina Walker Whitworth, PhD

CURRENT APPOINTMENT

Assistant Professor (Tenure-track)
Department of Epidemiology, Human Genetics & Environmental Sciences (primary)
Department of Environmental and Occupational Health Sciences (secondary)
The University of Texas Health Science Center at Houston (UTHealth)
School of Public Health in San Antonio
7411 John Smith Drive, Suite 1100
San Antonio, TX 78229
Tel (210) 276-9018
Email: Kristina.W.Whitworth@uth.tmc.edu

Center Affiliation

Member, Southwest Center for Occupational and Environmental Health (SWCOEH), UTHealth School of Public Health, Houston, TX (October 2012 – Present)

EDUCATION

2009-2012 **Postdoctoral Fellow**
Biomarker-Based Epidemiology Group
Epidemiology Branch
National Institute of Environmental Health Sciences (NIEHS),
Research Triangle Park, NC

2009 **PhD Epidemiology**
Minors: Environmental Health Sciences and Biostatistics
Dissertation – “Air Toxics and Cancer Incidence in Texas”
UTHealth School of Public Health, Houston, Texas

2004 **MSPH Epidemiology**
Minor: Biostatistics
Thesis – “Childhood Cancer and Agricultural-Use Land in Texas”
Texas A&M University School of Public Health, College Station, Texas

2002 **BS Biomedical Science**
Texas A&M University, College Station, Texas

PROFESSIONAL EXPERIENCE

2012-Present **Assistant Professor**, Department of Epidemiology, Human Genetics and Environmental Sciences, UTHealth School of Public Health in San Antonio, San Antonio, TX

2007-2009 **Project Manager/Data Analyst**, *Hazardous Air Pollutants and Lymphohematopoietic Cancer Incidence in Houston 1995-2005*, PI: Dr. Elaine Symanski, UTHealth School of Public Health, Houston, TX

- 2006-2007 **Project Manager/Data Analyst**, *Air Toxics and Cancer Incidence in Texas*, PI: Dr. Ann L. Coker, UTHealth School of Public Health, Houston, TX
- 2004 **Research Consultant**, *South Texas Adolescent Rural Research Study (STARRS)*, PI: Dr. Sharon S. Cooper, UTHealth School of Public Health, Houston, TX

HONORS AND AWARDS

- 2008-2009 **Occupational Epidemiology Trainee**, National Institute for Occupational Safety and Health, Southwest Center for Occupational & Environmental Health, UTHealth School of Public Health
- 2008 **Participant**, NIH Graduate Student Research Festival Participant
- 2008 **Recipient**, J. Fred Annegars Scholarship, UTHealth School of Public Health
- 2004 **Recipient**, New Student Scholarship, UTHealth School of Public Health
- 2004 **Inducted**, Delta Omega, Honor Society in Public Health, Alpha Tau Chapter

PROFESSIONAL SOCIETY MEMBERSHIPS

- International Society for Environmental Epidemiology

RESEARCH

Primary Research Interests: Investigation of reproductive, perinatal, and childhood health effects associated with environmental exposures, especially among disadvantaged populations. I am particularly interested in exposures to air pollutants, persistent organic pollutants, and metals; the use of biomarkers; interactions between chemical and non-chemical stressors.

Ongoing Grants/Contracts:

Co-Investigator, Occupational Epidemiology Program, part of the *National Institute for Occupational Safety and Health Education and Research Center (NIOSH-ERC) at the Southwest Center for Occupational and Environmental Health*, CDC NIOSH, \$2,168,270, 7/1/2015-6/30/2020.

Completed Grants/Contracts:

Co-Investigator, *Healthy Families Implementation*, subcontract with the Texas Health and Human Service Commission through UT Northeast, \$107,178.12, 08/01/2016-08/31/2018.

Principal Investigator, *Occupational and Environmental Hazards of Domestic Cleaners in San Antonio, TX*, Southwest Center for Occupational and Environmental Health 2016-2017 Pilot/Small Projects Research Training Program, part of the NIOSH funded Education and Research Center (ERC), \$20,000, 2/08/17-06/30/2017.

Co- Investigator, *Exploring Impacts on Drinking Water from Unconventional Oil and Gas Development in the Eagle Ford Shale – Partners for a Health Community and Environment (PaCE): Phase II*, University of Texas Health Science Center at San Antonio CTSA Pilot Grants, \$50,000, 11/1/2015-10/31/2016.

Principal Investigator, *Feasibility of Assessing Biomarkers of Exposure to Air Pollutants and Fetal Growth among Pregnant Women Attending a UTHealth Prenatal Clinic*, UTHealth PRIME award, \$25,000, 6/17/2015-6/16/2016.

Principal Investigator, *Maternal Residential Proximity to Shale Gas Extraction Well Sites and Pregnancy Outcomes*, NIH, National Institute of Environmental Health Sciences (NIEH), \$152,000, 7/21/2014-6/30/2016.

Co-Investigator/Project Director (sub-contract), *Clinical Investigation of Hearing Injuries, Noise Exposures, and Cost-Burden in Active-Duty US Military Service Members*, Geneva Foundation (Department of Defense), Sharon Cooper, PI, \$1,809,610, 10/1/2012-9/31/2015.

Co-Principal Investigator, *Partners for a Healthy Community and Environment (PACE)*, University of Texas Health Science Center at San Antonio CTSA Pilot Grants, \$46,395, 9/1/2014-8/31/2015.

Principal Investigator (sub-contract), *Environmental Determinants of Hepatocellular Carcinoma in South Texas*, Bradley Pollock, PI, The Cancer Prevention Research Institute of Texas (CPRIT), \$1,067,107, 11/1/2011-10/31/2014.

Principal Investigator, *Indoor air pollution and Biomarkers of Inflammation and Reproductive Capacity among South African Women aged 20 to 30*, NIEHS Epidemiology Division Internal Trainee Research Award, This was an independently designed study funded through the Intramural Research Program's peer review process, \$75,000, Awarded 2011 while a post-doctoral fellow.

Peer-Reviewed Journal Articles (underline indicates a mentored student)

1. Singer AB, **Whitworth KW**, Haug LS, Sabaredzovic A, Impinen A, Papadopoulou E, Longnecker MP. Menstrual Cycle Characteristics as Determinants of Plasma Concentrations of Perfluoroalkyl Substances (PFAS) in the Norwegian Mother and Child Cohort (MoBa Study). *Environmental Research*. 2018 Jun;166:78-85.
2. Misra A, Longnecker MP, Dionisio KL, Bornman RMS, Travlos GS, Brar S, **Whitworth KW**. Household Fuel Use and Biomarkers of Inflammation and Respiratory Illness among Rural South African Women. *Environmental Research*. 2018 Jun;166:112-116.
3. Hernandez AM, Gimeno Ruiz de Porras D, Marko D, **Whitworth KW**. The Association of PM_{2.5} and Ozone with Diabetes Prevalence in the US, 2002-2008. *Journal of Occupational and Environmental Medicine*. 2018 Jul; 60(7):594-602.
4. Rammah A, **Whitworth KW**, Han I, Chan W, Jimenez MD, Strom SS, Bondy ML, Symanski E. A Mixed-Methods Study to Examine the Role of Psychosocial Stress and Air Pollution on Hypertension in Mexican-origin Hispanics. *Journal of Racial and Ethnic Health Disparities*. 2018 Apr. epub ahead of print.
5. **Whitworth KW**, Marshall AK, Symanski E. Drilling and Production Activity Related to Unconventional Gas Development and Severity of Preterm Birth. *Environmental Health Perspectives*. 2018 Mar 20;126(3).
6. Santos IC, Martin MS, Reyes ML, Carlton DD, Stigler-Granados P, Valerio MA, **Whitworth KW**, Hildenbrand ZL, Schug KA. Exploring the Links between Groundwater Quality and Bacterial Communities near Unconventional Oil and Gas Extraction Activities. *Science of the Total Environment*. 2018 Mar; 618: 165-173.

7. Rush EL, Singer AB, Longnecker MP, Haug LS, Sabaredzovic A, Symanski E, **Whitworth KW**. Oral Contraceptive Use as a Determinant of Plasma Concentrations of Perfluoroalkyl Substances among Women in the Norwegian Mother and Child Cohort (MoBa) Study. *Environment International*. 2018 Mar; 112: 156-164.
8. **Whitworth KW**, Marshall AK, Symanski E. Maternal Residential Proximity to Unconventional Gas Development and Perinatal Outcomes among a Diverse Urban Population in Texas. *PlosOne*. 2017; July.
9. **Whitworth KW**, Han I, Mei Y, Sharma SV, Berens P, Symanski E. Accessing disadvantaged pregnant women in Houston, Texas and characterizing biomarkers of metal exposures: a feasibility study. *International Journal of Environmental Research and Public Health*. 2017; 14(5): 474-512.
10. **Whitworth KW**, DeLaRosa E, Mackay T, Hernandez AM, Martin MK, Lopez J, Small M, Winkler P, Valerio MA. Exploring Perceptions of Fracking and Environmental Health in a 3-County Population in South Texas. *Journal of Epidemiological Research*. 2017; 3(1).
11. **Whitworth KW**, Haug LS, Sabaredzovic A, Eggesbo M, Longnecker MP. Brief report: plasma concentrations of perfluorooctane sulfonamide and time-to-pregnancy among primiparous women. *Epidemiology*. 2016; 27(5):712-5.
12. White AJ, Sandler DP, D'Aloisio AA, Stanczyk F, **Whitworth KW**, Baird DD, Nichols HB. Anti-Mullerian Hormone (AMH) in relation to tobacco and marijuana use and sources of indoor heating/cooking. *Fertility and Sterility*. 2016; 106(3):723-30.
13. Alamgir H, Tucker D, Kim SY, Betancourt J, Douphrate DI, Cooper SP, **Whitworth KW**, Wong N, Sagiraju HK, Marko D, Gorrell NS, Cornell J, Gimeno D, Hammill TL, Senchak AJ, Packer MD. The Economic Burden of Hearing Loss for the US Military: a Proposed Framework for Estimation. *Military Medicine*. 2016; 181(4) 301-306.
14. Nichols HB, Baird DD, Stanczyk FZ, Steiner AZ, Troester M, **Whitworth KW**, Sandler DP. Anti-Mullerian Hormone Concentrations in Premenopausal Women and Breast Cancer Risk. *Cancer Prevention Research*; 2015; 8(6):528-34.
15. **Whitworth KW**, Baird DD, Steiner AZ, Bornman R, Travlos GS, Wilson RE, Longnecker MP. Antimullerian Hormone and Lifestyle, Reproductive, and Environmental Factors among Women in Rural South Africa. *Epidemiology*. 2015; 26(3) 429-35.
16. Cooper SP, Alamgir AH, **Whitworth KW**, Gorrell NS, Betancourt JA, Cornell JE, Delclos G, Douphrate DI, Gimeno D, Marko D, Kim S, Sagiraju HR, Tucker DL, Whitehead LW, Wong, NJ, Hammill TL, Senchak AJ, Packer MD. The Department of Defense Epidemiologic and Economic Burden of Hearing Loss Study. *Military Medicine*. 2014; 179(12): 1458-1464.
17. **Whitworth KW**, Bornman R, Archer JI, Kudumu MO, Travlos GS, Wilson RT, Longnecker MP. Predictors of Plasma DDT and DDE Concentrations among Women Exposed to Indoor Residual Spraying for Malaria Control in the South African Study of Women and Babies (SOWB). *Environmental Health Perspectives*. 2014; 122(6): 545-52.
18. Starling, AP, Engel SM, **Whitworth KW**, Richardson DB, Stuebe AM, Daniels JL, Haug LS, Eggesbo M, Becher G, Sabaredzovic A, Thomsen C, Wilson RE, Travlos GS, Hoppin JA, Baird DD, Longnecker MP. Perfluoroalkyl Substance and Lipid Concentrations in Plasma during

- Pregnancy among Women in the Norwegian Mother and Child Cohort Study. *Environment International*. 2014; 62:104-12.
19. Brantsaeter AL, **Whitworth KW**, Ydersbond TA, Haug LS, Haugen M, Knutsen HK, Thomsen C, Meltzer HM, Becher G, Sabaredzoic A, Hoppin JA, Eggesbo M, Longnecker MP. Determinants of Plasma Concentrations of Perfluoroalkyl Substance in Pregnant Norwegian Women. *Environment International*. 2013; 54:74-84.
 20. Cupul-Uicab LA, Skjaerven R, Haug K, Travlos G, Wilson RE, Eggesbo M, Hoppin JA, **Whitworth KW**, Longnecker MP. Exposure to Tobacco Smoke in Utero and Subsequent Plasma Lipids, ApoB and CRP among Adult Women in the MoBa Cohort. *Environmental Health Perspectives*. 2012; 120(11):1532-7.
 21. **Whitworth KW**, Haug LS, Baird DD, Becher G, Hoppin JA, Skjaerven R, Thomsen C, Eggesbo M, Travlos G, Wilson R, Cupul-Uicab LA, Brantsaeter AL, Longnecker MP. Perfluorinated Compounds in Relation to Birth Weight in the Norwegian Mother and Child Cohort Study. *American Journal of Epidemiology*. 2012; 175(12): 1209-16.
 22. **Whitworth KW**, Haug LS, Baird DD, Becher G, Hoppin JA, Skjaerven R, Thomsen C, Eggesbo M, Travlos G, Wilson R, Longnecker MP. Plasma Concentrations of Perfluorinated Compounds and Subfecundity in Pregnant Women. *Epidemiology*. 2012; 23(2):257-63.
 23. **Whitworth KW**, Baird DD, Stene LC, Skjaerven R, Longnecker MP. Fecundability among Women with Type 1 and Type 2 Diabetes in the Norwegian Mother and Child Cohort Study. *Diabetologia*. 2011; 3:516-22.
 24. **Whitworth KW**, Symanski E, Lai D, Coker AL. Kriged and Modeled Ambient Air Levels of Benzene in an Urban Environment: an Exposure Assessment Study. *Environmental Health*. 2011; 10-21.
 25. Hancock, DB, Haberg SE, Furu, K, **Whitworth KW**, Nafstad P, Nystad W, London SJ. Oral Contraceptive Pill Use before Pregnancy and Respiratory Outcomes in Early Childhood. *Pediatric Allergy and Immunology*. 2011; 22(5):528-36.
 26. **Whitworth KW**, Shipp EM, Cooper SP, Del Junco DJ. A Pilot Study of Symptoms of Neurotoxicity and Injury among Adolescent Farmworkers in Starr County, Texas. *International Journal of Occupational and Environmental Health*. 2010; 16(2):138-44.
 27. **Whitworth KW**, Symanski E, Coker AL. Childhood Lymphohematopoietic Cancer Incidence and Hazardous Air Pollutants in Southeast Texas, 1995-2004. *Environmental Health Perspectives*. 2008; 116: 1576-80.
 28. **Walker KM**, Carozza S, Cooper S, Elguthun K. Childhood Cancer in Texas Counties with Extensive Agricultural Use Land. *Journal of Agricultural Safety and Health*. 2007; 13(1): 9-24.
 29. Burau KD, Shipp EM, Cooper SP, Frankowski R, McKinnon S, **Walker KM**. Response Accuracy of Hazard Identification in Migrant Farm Workers. *Journal of Agromedicine*. 2006; 11(1): 17-26.

Manuscripts Under Review (underline indicates a mentored student)

1. **Whitworth KW**, Berumen B, Delclos GL, Fragoso S, Mata C, Gimeno Ruiz de Porras D. Occupational Hazards and Prevalence of Respiratory Symptoms among Hispanic Female

Cleaners. Submitted to the International Archives of Occupational and Environmental Health, October 2018.

2. Ish J, Symanski E, **Whitworth KW**. Exploring Disparities in Maternal Residential Proximity to Unconventional Gas Development in the Barnett Shale in North Texas. Submitted of Journal of Epidemiology and Community Health, October 2018.
3. Han IH, **Whitworth KW**, Zhang X, Afshar M, Berens P, Symanski E. Characterization of urinary concentrations of heavy metals among socioeconomically disadvantaged black pregnant women. Submitted to International Journal of Environmental Health Research, September 2018.
4. Cupul-Uicab LA, Longnecker MP, Bornman R, Archer JI, Kudumu MO, Travlos GS, Wilson RE, **Whitworth KW**. Exposure to DDT from Indoor Residual Spraying and Immunoglobulin Concentrations among Reproductive-aged Women from South Africa. Submitted to Journal of Occupational and Environmental Medicine, September 2018.
5. Rammah A, **Whitworth KW**, Han I, Chan W, Symanski E. Cumulative exposure to ozone and risk of stillbirth in a non-attainment urban region. Submitted to American Journal of Epidemiology, July 2018.
6. Staudt AM, **Whitworth KW**, Chien LC, Whitehead LW, Gimeno Ruiz de Porras D. Association of Organic Solvents and Occupational Noise on Hearing Loss and Tinnitus among Adults in the U.S., 1999 to 2004. Submitted to the International Archives of Occupational and Environmental Health, May 2018.

Reports

1. **Walker KM**, Coker AL, Symanski E, Lupo PJ. A preliminary Investigation of the Association between Hazardous Air Pollutants and Lymphohematopoietic Cancer Risk among Residents of Harris County, Texas. Report to the Houston Department of Health and Human Services. December 2006.

Abstracts and Presentations (*indicates presenter, underline indicates mentored student)

1. **Whitworth KW***, Marshall AK, Symanski E. *Unconventional Gas Development Activity and Severity of Preterm Birth in the Barnett Shale, Texas*. Oral Talk presented at the Joint Annual Meeting of the International Society for Environmental Science (ISES) and the International Society for Environmental Epidemiology (ISEE), August 26-30, 2018, Ottawa, Canada.
2. Santos IC, Martin MS, Reyes ML, Carlton DD, Smuts J, Choi W, Kim Y, Kim SB, **Whitworth KW**, Stigler-Granados P, Hildenbrand Z, Schug KA. *MALD-TOF and GC-VUV for the Identification of Bacteria and Their Responses to Environmental Stressors*. Presented at the American Society for Mass Spectrometry 66th Conference on Mass Spectrometry and Allied Topics, June 3-7, 2018, San Diego, CA.
3. Rammah A*, Symanski E, **Whitworth KW**, Han I, Jimenez M, Chan W, Bondy M, Strom S. *Hypertension in Mexican Americans: Assessing Disparities in Air Pollutant Risks*. Presented at the American College of Epidemiology Annual Meeting, September 24-26, 2017, New Orleans LA. Published in Annals of Epidemiology. 2017; 27(8): 513.
4. Marshall AK*, Symanski E, **Whitworth KW**. *Unconventional gas drilling and production activity: Do phase of drilling and timing of activity impact the risk for preterm birth among pregnant women living near well sites?* Presented at the American College of Epidemiology

- Annual Meeting, September 24-26, 2017, New Orleans, LA. Published in *Annals of Epidemiology*. 2017; 27(8): 530.
5. **Whitworth, KW***. *Environmental and Occupational Health Hazards among Vulnerable Domestic Cleaners in San Antonio, TX*. Presented at the 2016 Annual UTHealth School of Public Health Southwest Center for Occupational and Environmental Health Pilot Projects Symposium, June 5, 2017.
 6. Hernandez, AM*, Gimeno Ruiz de Porras D, Marko D, **Whitworth KW**. *The Association of PM2.5 and Ozone with Diabetes Prevalence in the US, 2002-2008*. Presented at the University of Minnesota School of Public Health Research Day, April 5, 2017.
 7. **Whitworth KW***, Marshall A, Symanski E. *Assessing exposure to unconventional gas development and its association with preterm birth in the Barnett Shale, Texas*. Abstract presented at the 2016 Conference of the International Society for Environmental Epidemiology, September 1-4, 2016, Rome, Italy.
 8. Marshall A*, Symanski E, **Whitworth KW**. *Maternal residential proximity to unconventional gas development (UGD) and adverse birth outcomes in the Barnett Shale area, TX, 2010-2012*. Abstract presented at the 2016 Epidemiology Congress of the Americas, June 21-24, 2016, Miami, Florida.
 9. Rammah A*, Symanski E, **Whitworth KW**, Han I, Jimenez M, Chan W, Bondy M, Strom S. *Hypertension in Mexican Americans: Assessing Disparities in Air Pollutant Risks*. Poster presented at the 2016 UTHealth Student Research Day, March 31, 2016, Houston, TX.
 10. Marshall A*, Symanski E, **Whitworth KW**. *Maternal residential proximity to unconventional gas development (UGD) and adverse birth outcomes in the Barnett Shale area, TX, 2010-2012*. Poster presented at the 2016 UTHealth Student Research Day, March 31, 2016, Houston, TX.
 11. Mei Y*, Han I, Symanski E, Afshar M, **Whitworth KW**. *Biomarkers of metal exposure among disadvantaged pregnant women in Houston, TX*. Poster presented at the 2016 UTHealth Student Research Day, March 31, 2016, Houston, TX.
 12. Whitehead L*, Tucker D., Gimeno D, **Whitworth KW**, Betancourt J. *Descriptive Evaluation of Noise Dosimetry Values in the Defense Occupational and Environmental Health Readiness System— Industrial Hygiene Component (DOEHRS-IH)*. Talk given at the American Industrial Hygiene Conference and Exposition (AIHce). May 2016, Baltimore, MD.
 13. Nichols HB*, Baird DD, Stanczyk FZ, Steiner AZ, Troester MA, **Whitworth KW**, Sandler DP. *Anti-Mullerian hormone concentrations in premenopausal women and breast cancer risk*. Abstract presented at the 2015 Annual meeting of the 48th Annual Society for Epidemiologic Research Meeting, June 16-19, 2015, Denver, CO.
 14. Alvarado MD*, Mackay TM, De La Rosa EM, **Whitworth KW**, Valerio MA, Frio Translational Advisory Board Members, Atascosa Health Center, and Karnes Community Advisory Board Members. *Partners for a Healthy Community and Environment (PaCE) Project: Exploring health literacy, attitudes, and behaviors associated with environmental health in the Eagle Ford Shale*. Poster presented at the 2015 Community Engagement Symposium: Developing and Enhancing Collaborations for the Translation of Research, May 2015, San Antonio, TX.
 15. Mackay TM*, Alvarado MD, De La Rosa EM, **Whitworth KW**, Valerio MA. *Partners for a Healthy Community and Environment (PaCE) Project: Community perceptions of the*

environmental health impact of unconventional oil and gas development in the Eagle Ford Shale. Poster presented at the UTSPH Student Research Day 2015: Building Broader Connections, April 2015, Houston, TX.

16. **Mackay TM,*** Alvarado MD, De La Rosa EM, **Whitworth KW**, Valerio MA. *Working with community partners to identify perceptions of environmental health impacts of unconventional oil and gas development in the Eagle Ford Shale: Partners for a Healthy Community and Environment (PaCE) Project.* Poster presented at the 6th Annual Frontiers of Translation Science Research Day, April 2015, San Antonio, TX.
17. **Carmona CM***, Valerio M, **Whitworth KW**, Liang Y, Ketchum N, Hernandez H, Mojica CM. *Cervical Cancer Knowledge and Screening among Latinas.* Abstract presented at 2014 Annual meeting of the American Public Health Association, November 15-19, 2014, New Orleans, Louisiana.
18. Cupul-Uicab LA*, Bornman, R, **Whitworth KW**, Archer JI, Kudumu MO, Travlos GS, Wilson RT, Longnecker MP. *Plasma liver enzymes in relation to p,p'-DDE and p,p'-DDT exposure among South African Women.* Abstract presented at the 2014 Conference of the International Society for Environmental Epidemiology, August 25-29, 2014, Seattle, Washington.
19. Haug LS*, Brantsaeter AL, **Whitworth KW**, Ydersbond TA, Haugen M, Knutsen HK, Thomsen C, Meltzer HM, Becher G, Sabaredzovic A, Hoppin JA, Eggesbo M, Longnecker MP. *Determinants of Plasma Concentrations of Perfluoroalkyl Substances in Pregnant Norwegian Women.* Abstract selected for presentation at the 5th International Workshop on Per- and Poly-fluorinated Alkyl Substances-PFAS, October 27-29, 2013, Copenhagen, Denmark.
20. **Whitworth KW**, Bornman R*, Travlos GS, Wilson RT, Longnecker MP. *Determinants of Plasma DDT and DDE Concentrations among South African Women exposed to Indoor Residual Spraying for Malaria Control.* Abstract presented at the 2013 Conference of the International Society for Environmental Epidemiology, August 19-23, 2013, Basel, Switzerland.
21. **Whitworth KW***, Haug LS, Baird DD, Becher G, Hoppin JA, Eggesbo M, Skjaerven R, Thomsen C, Longnecker MP. *Preliminary Results on Subfecundity and Plasma Concentrations of Perfluorinated Compounds during Pregnancy in the Norwegian Mother and Child Cohort Study, 2002-2004.* Abstract presented at 3rd Annual North American Congress of Epidemiology, June 21-24, 2011, Montreal, Canada.
22. **Whitworth KW***, Haug LS, Baird DD, Becher G, Hoppin JA, Skjaerven R, Thomsen C, Eggesbo M, Longnecker MP. *Preliminary Results on Subfecundity and Plasma Concentrations of Perfluorinated Compounds during Pregnancy in the Norwegian Mother and Child Cohort Study, 2002-2004.* Abstract presented at the 3rd Annual U.S. EPA PFAA Days III Meeting, June 8-10, 2010, Research Triangle Park, NC.
23. **Whitworth KW***, DD Baird, LC Stene, R Skjaerven, MP Longnecker. *Diabetes and Time to Pregnancy.* Abstract published in: Abstracts of the 43rd Annual Society for Epidemiologic Research Meeting, June 23-26, 2010, Seattle, WA. *American Journal of Epidemiology.* 2010 Jun; 171(Suppl 11): 1-157.
24. **Whitworth KW***, Symanski E, Coker AL. *Childhood Lymphohematopoietic Cancer Incidence and Hazardous Air Pollutants in Southeast Texas, 1995-2004.* Abstract presented at the 2008 NIH National Graduate Student Research Festival, September 11-12, 2008, Rockville, MD.

25. **Walker KM***, Coker AL, Symanski E. *A Preliminary Analysis of Hazardous Air Pollutants and Lymphohematopoietic Cancer Incidence in Harris County, Texas, 1995-2003*. Abstract published in: American Journal of Epidemiology. 40th Annual Society for Epidemiologic Research Meeting, June 19-22, 2007, Boston, MA.
26. **Walker KM***, Carozza SC, Cooper S, Elguthun K. *Childhood Cancer in Texas Counties with Extensive Agricultural Use Land*. Abstract published in: Proceedings of the 134th APHA Annual Meeting, Nov 4-8, 2006, Boston, MA.

Invited Talks

1. **Fragoso S***, **Berumen B***, Herrera A, Cavazos I, Gimeno D, **Whitworth KW**. “A Community-Academic Partnership to Address Occupational and Environmental Hazards among Hispanic Women Working as Domestic Cleaners.” Presentation at the 2017 Institute for Integration of Medicine and Science (IIMS) Community Engagement Symposium, San Antonio, Texas, October 27 2017.
2. **Whitworth KW***. “Environment and Reproductive and Perinatal Health.” Presentation to the ISGlobal Barcelona Institute for Global Health, Barcelona, Spain, September 9 2016.
3. **Whitworth KW***. “Challenges and Approaches for Studies of Novel Environmental Exposures.” Presentation at the 2015 International Conference on Neural Tube Defects, Austin TX, October 29 2015.
4. **Whitworth KW***, Coker AL, Symanski E. “A Preliminary Investigation of the Association between Hazardous Air Pollutants and Lymphohematopoietic Cancer Risk in Harris County, Texas, 1995-2003.” Presentation to Mothers for Clean Air, Houston TX, August 13 2007.
5. **Whitworth KW***, Coker AL, Symanski E. “A Preliminary Investigation of the Association between Hazardous Air Pollutants and Lymphohematopoietic Cancer Risk among Houstonians.” Presented at the City of Houston, Grand Rounds, January 10 2007.

SERVICE

Institutional Service to the UTHealth School of Public Health

2017—Present	Member , Epidemiology I Working Group
2017—Present	Member , Epidemiology Curriculum Committee
2015—Present	Member , Maternal and Child Health Concentration
2015 – Present	Member , Health Disparities Concentration
2015 – Present	Member , EOHS Admissions Committee
2014 – Present	Member , SARC Admissions Committee
2012—Present	Program Contact , Epidemiology program at the San Antonio Campus
2012—Present	Reviewer , Southwest Center for Occupational and Environmental Health Pilot Project Awards
2014—2017	Faculty co-chair , San Antonio student association
2014—2017	Member , Epidemiology Preliminary Exam Committee
2014—2015	Member , UTHealth-Shell Health Organizing Committee
2014	Member , Community Health Practice Faculty Search Committee

Community Service

2016—Present **Member**, Texas Cancer Registry Advisory Board
 2016—Present **Member**, Texas Department of State Health Services IRB
 2014—Present **Member**, Community Based Research Network (CBRN) Steering Committee
 2015—2017 **Expert Advisor**, San Antonio Air Quality Coalition

Professional Service

Symposium Co-Chair, ‘Exposures and Health Effects Related to Unconventional Oil and Gas Development’, Joint Annual Meeting of the International Society for Environmental Science (ISES) and the International Society for Environmental Epidemiology (ISEE), August 27-30, 2018; Ottawa, Canada.

Abstract Reviewer, Annual Meeting of the Society for Epidemiologic Research, 2014

Student Poster Judge, Annual Meeting of the International Society for Environmental Epidemiology, 2014

Invited Manuscript Reviewer for:

- American Journal of Epidemiology
- Environmental Health Perspectives
- Environment International
- Environmental Research
- Epidemiology
- International Journal of Hygiene and Environmental Health
- Human Reproduction
- Lancet Planetary Health
- Occupational and Environmental Medicine
- PloSONE
- Reproductive Toxicology
- Scientific Reports/Nature
- International Journal of Environmental Research and Public Health

TEACHING

Course Name	Role	Semester
Overview of Environmental Sciences (PH2110)	Contributor	Fall 2014
Overview of Environmental Sciences (PH2110)*	Contributor	Fall 2014
Contemporary Issues in Environmental/Occupational Health Sciences (PH2101)	Contributor	Fall 2015
		Fall 2016
Fundamentals of Epidemiology (PH2610)	Co-Instructor	Fall 2014
Fundamentals of Epidemiology (PH2610)*	Sole Instructor	Summer 2014
		Summer 2015
		Summer 2016
		Summer 2017
		Summer 2018
Environmental Epidemiology	Sole Instructor	Spring 2016
		Spring 2017
		Spring 2018

*Online Course; Contributor indicates a lecture was provided, Co-Instructor indicates 50% effort, and Instructor indicates the course was solo taught.

STUDENT ADVISING (to conform with the Family Educational Rights and Privacy Act or FERPA, student names have been redacted for privacy purposes).

Doctoral Students

Name	Program	Dissertation	Role	Grad Year
XXXX*	Epidemiology	In process	Advisor, Research Supervisor	In process
XXXX*	Epidemiology	In process	Advisor, Committee Member	In process
XXXX	Epidemiology	In process	Advisor, Research Supervisor	In process
XXXX	Epidemiology	Exposure to Ambient Air Pollution and Fetal Death in Harris County, Texas	Committee Member	In process
XXXX*	Epidemiology	Effects of Exposure to Organic Solvents and Occupational Noise on Hearing Loss and Tinnitus in US Adults from 1999 to 2006.	Committee Member	2016

*Occupational Epidemiology Trainee

Masters Students (Thesis Option)

Name	Program	Thesis Topic	Role	Grad Year
XXXX	Health Promotion	“Socio-Demographic Predictors of Cervical Cancer Screening Behavior in Latinas in San Antonio, TX.”	Committee Member	2014
XXXX	Epidemiology	“The Association of PM _{2.5} And Ozone with Diabetes Mellitus Prevalence in the United States, 2002-2008.”	Advisor, Research Supervisor	2016
XXXX	Epidemiology	“Oral Contraceptive Use as a Determinant of Serum Concentrations of Perfluoroalkyl Substances (PFAS) among Women in the Norwegian Mother and Child Cohort (MoBa) Study.”	Advisor, Research Supervisor	2016
XXXX	Biostatistics	“Influence of Highly Correlated Cross-basis Functions in the Distributed Lag Non-Linear Model.”	Committee Member	2017
XXXX	Epidemiology	“Exploring Disparities in Maternal Residential Proximity to Unconventional Gas Wells in the Barnett Shale in North Texas.”	Advisor, Research Supervisor	2018

Masters Advisees (Capstone Option)

Program	Student Name	Grad Year
Epidemiology	XXXX	In process
	XXXX	Summer 2018
	XXXX	Spring 2018
	XXXX	Spring 2017
	XXXX	Spring 2017
	XXXX	Spring 2016
	XXXX	Fall 2015
MD/MPH	XXXX	Spring 2017
	XXXX	Spring 2017
	XXXX	Spring 2017
	XXXX	Spring 2017
	XXXX	Spring 2017

	XXXX	Spring 2017
	XXXX	Fall 2016
	XXXX	Fall 2014
	XXXX	Spring 2016
General MPH	XXXX	Fall 2015