

CURRICULUM VITAE

Leah D. Whigham, Ph.D., FTOS

Key Highlights

- Founding Director of the Center for Community Health Impact
- Founding Executive Director of the Paso del Norte Institute for Healthy Living
- Secretary/Treasurer, The Obesity Society 2018-2022 (elected position), scientific membership organization dedicated to improving lives by advancing the science of the causes, consequences, prevention, and treatment of obesity.
- Received over \$30 million in grants as PI/co-PI/co-Investigator
- Presented over 60 national and international invited talks
- Published over 60 scientific publications
- Editor-in-Chief, *Nutrition & Diabetes*, a Springer Nature journal, Impact Factor 6.1
- Two U.S. patents
- Selected for leadership training through The Dannon Institute Nutrition Leadership Institute and REALIZE Executive Leadership Program

Address: UTHealth School of Public Health
5130 Gateway East Blvd., MCA 114
El Paso, TX 79905

A. Background

Education: B.S., Agricultural Biochemistry, Iowa State University, May 1993
Ph.D., Nutritional Sciences, University of Wisconsin-Madison, May 2000

Professional Positions:

- 2019-Present **Director**, Center for Community Health Impact, and **Associate Professor**, Department of Health Promotion and Behavioral Sciences, The University of Texas Health Science Center at Houston School of Public Health, El Paso Campus.
- 2014-2019 **Executive Director**, Paso del Norte Institute for Healthy Living, El Paso, Texas.
- 2017-2019 **Associate Professor**, Department of Public Health Sciences, The University of Texas at El Paso.
- 2014-2017 **Research Associate Professor**, Department of Public Health Sciences, The University of Texas at El Paso.
- 2011- 2013 **Adjunct Assistant Professor**, University of North Dakota, Department of Family and Community Nursing
- 2010- 2013 **Adjunct Graduate Faculty**, University of North Dakota, Department of Nursing.
- 2010- 2013 **Visiting Associate Scientist**, University of Wisconsin School of Medicine and Public Health, Department of Obstetrics and Gynecology.
- 2009-2013 **Research Nutritionist**, USDA-ARS Grand Forks Human Nutrition Research Center.
- 2006-2009 **Associate Scientist**, Department of Obstetrics and Gynecology, University of Wisconsin-Madison.
- 2003-2006 **Postdoctoral Fellow**, Department of Nutritional Sciences, University of Wisconsin-Madison.

2000-2004 **Postdoctoral Fellow**, Departments of Nutritional Sciences and Medicine and the Center for Women's Health, University of Wisconsin-Madison.

Training:

2015-2016 REALIZE Executive Leadership Program
2001 Dannon Nutrition Leadership Institute

Awards and Recognition:

2019 Millionaires' Research Award, Office of Research and Sponsored Projects, University of Texas at El Paso, awarded for annual expenditures totaling over \$1million
2013 Nelson-Miller Award Recipient, Grand Forks Foundation for Education
2012 National Extension Association of Family and Consumer Sciences Annual Awards Program 1st Place Central Region Winner
2011 T.W. Edminster Research Award, USDA Agricultural Research Service
2011 No Revision Award OSQR Project Plan Peer Review, Northern Plains Area, USDA Agricultural Research Service
2000-2002 NIH T32 National Research Service Award, National Center of Excellence in Women's Health
2000 American Society for Nutritional Sciences Graduate Student Award

B. Research

1. Publications

**indicates mentored graduate or undergraduate student; †indicates mentored postdoc or early career scientist*

Peer Reviewed Publications:

1. Morera OF, Dane'el MI, Smith BA, Redelfs AH[†], Ruiz SL*, Preacher KJ, **Whigham LD**. Discretizing continuous variables in nutrition and obesity research: A practice that needs to be cut short. *Nutrition and Diabetes*. 2023. *In Press*.
2. Redelfs AH[†], Smith M, Merrill JA, Grimsley S, Jenkins HE, Tederick JS, Butler AG, Dueck K, Eastham Thomas M, Perez, D, **Whigham LD**. The Commit to be Fit framework: A community case study of a multi-level, holistic school-based wellness initiative in rural Virginia. *Frontiers in Public Health*. 2023; 11:1067454.
3. Wei Li, Chanam Lee, Sinan Zhong, Minjie Xu, Samuel D Towne, Xuemei Zhu, Sungmin Lee, Suojin Wang, Rafael Aldrete, Eufemia B Garcia, Leah Whigham, Ashley M Toney, Jorge Ibarra and Marcia G Ory. Examining the Impacts of Public Transit on Health through a Natural Experiment: Study Protocols and Lessons Learned from the Active El Paso Project. *Front. Public Health*. 2023;11:1132190.
4. Aguilera J*, Jeon S, Raysoni A, Li WW, **Whigham LD**. Decreased moderate to vigorous physical activity levels are associated with increased traffic related air pollutants in children with asthma. *Journal of Environmental Health*. 2023; 85(8):16-24.
5. **Whigham LD**, Messiah SE, Balasubramanian BA, Dhurandhar NV. The Essential Role of Primary Care Providers in Obesity Management. *International Journal of Obesity*. 2023 Feb 15. doi: 10.1038/s41366-023-01268-7. Online ahead of print.
6. Nyachoti DO*, Brown LD, Garcia EB, Loweree CA, Del Rio K, Del Torro D, Vasquez D, Gallegos G, Redelfs AH, Kelly MP, Whigham LD. Nutrition and Health Programming and Outreach in Grocery Retail Settings: A Community Coalition in Action. *Nutrients*. 2023 Feb 10;15(4):895. doi: 10.3390/nu15040895.
7. Rangel A, Raysoni AU, Chavez MC*, Jeon S, Aguilera J*, **Whigham LD**, Li WW. Assessment of traffic-related air pollution (TRAP) at two near-road schools and residence in El Paso, Texas. *Atmospheric Pollution Research*. 2022; 13(2). doi: 10.1016/j.apr.2021.101304.

8. Brown AW, Aslibekyan S, Bier D, Ferreira Da Silva R, Hoover A, Klurfeld DM, Loken E, Mayo-Wilson E, Menachemi N, Pavela G, Quinn PD, Schoeller D, Tekwe C, Valdez D, Vorland CJ, **Whigham LD**, Allison DB. Toward more rigorous and informative nutritional epidemiology: the rational space between dismissal and defense of the status quo. *Critical Reviews in Food Science and Nutrition*. 2021. doi: 10.1080/10408398.2021.1985427.
9. Aguilera J*, Jeon S, Chavez M*, Ibarra-Mejia G, Ferreira-Pinto J, **Whigham LD**, Li, W-W. Land-Use Regression of Long-Term Transportation Data on Metabolic Syndrome Risk Factors in Low-Income Communities. *Transportation Research Record: Journal of the Transportation Research Board, National Academies of Sciences, Engineering, and Medicine*. E-pub July 19, 2021. doi: 10.1177/036119812111021853
10. Welsh S, Salazar-Collier C, Blakeslee B, Kellar L, Maxwell RA, **Whigham LD**, Lee M, Lindheim SR. Comparison of obstetrician-gynecologists and family physicians regarding weight-related attitudes, communication, and bias. *Obesity Research & Clinical Practice*. 2021;15(4):351-356 doi: 10.1016/j.orcp.2021.04.010.
11. Redelfs AH[†], Leos JD, Mata H, Ruiz SL*, **Whigham LD**. Eat Well El Paso!: Lessons learned from a community-level restaurant initiative to increase availability of healthy options while celebrating local cuisine. *American Journal of Health Promotion*, 2021. doi.org/10.1177/0890117121999184
12. Cardel MI, Ross KM, Butryn M, Donahoo WT, Eastman A, Dillard JR, Grummon A, Hopkins P*, **Whigham LD**, Janicke D. Acceptance-based therapy: the potential to augment behavioral interventions in the treatment of type 2 diabetes. *Nutr. Diabetes*. 2020 Jan;10(3). doi.org/10.1038/s41387-020-0106-9
13. Martin KS, Redelfs AH[†], Wu R, Bogner O, **Whigham LD**. Offering More Than Food: Outcomes and lessons learned from a Fresh Start food pantry in Texas. *Journal of Hunger and Environmental Nutrition*, 2019; 14:1-2, 70-81. doi: 10.1080/19320248.2018.1512925.
14. Aguilera J*, **Whigham LD**. Using the ¹³C/¹²C carbon isotope ratio to characterise the emission sources of airborne particulate matter: a review of literature. *Isotopes Environ Health Stud*. 2018 Dec;54(6):573-587. doi: 10.1080/10256016.2018.1531854. Epub 2018 Oct 16.
15. Cao JJ, **Whigham LD**, Jahns L. Depletion and repletion of fruit and vegetable intake alters serum bone turnover markers: a 28-week single-arm experimental feeding intervention. *Br J Nutr*. 2018;120(5):500-507. doi: 10.1017/S0007114518001642.
16. Lindheim SR, Glenn TL, **Whigham LD**. Recognizing and eliminating bias in those with elevated body mass index in women's health care. *Fertil Steril*. 2018;109(5):775-776. doi: 10.1016/j.fertnstert.2018.03.002.
17. Ermakov IV, Ermakova M, Sharifzadeh M, Gorusupudi A, Farnsworth K, Bernstein PS, Stookey J, Evans J, Arana T, Tao-Lew L, Isman C, Clayton A, Obana A, **Whigham L**, Redelfs AH[†], Jahns L, Gellermann W. Optical assessment of skin carotenoid status as a biomarker of vegetable and fruit intake. *Arch Biochem Biophys*. 2018 May 15;646:46-54. doi: 10.1016/j.abb.2018.03.033. Epub 2018 Mar 27.
18. Jahns L, Conrad Z, Johnson LK, **Whigham LD**, Wu D, Claycombe-Larson KJ. A diet high in carotenoid-rich vegetables and fruits favorably impacts inflammation status by increasing plasma concentrations of IFN- α 2 and decreasing MIP-1 β and TNF- α in healthy individuals during a controlled feeding trial. *Nutr Res*. 2018;52:98-104. doi: 10.1016/j.nutres.2018.02.005. Epub 2018 Feb 13.
19. Lindheim SR, Welsh S, Jiang N, Hawkins A, Kellar L, Maxwell RA, **Whigham LD**. Trends in Management of Overweight and Obesity in Obstetrics & Gynecology, Family Medicine and Pediatrics 2011-2015. *J Obes Eat Disord*. 2017; 3:31. doi: 10.21767/2471-8203.100031.
20. Jahns L, Scheett AJ, Johnson LK, Krebs-Smith SM, Payne CR, **Whigham LD**, Hoverson BS, Kranz S. Diet quality of items advertised in supermarket sales circulars compared to diets of the US population, as assessed by the Healthy Eating Index-2010. *J Acad Nutr Diet*. 2016; 116(1):115-122.e1. doi: 10.1016/j.jand.2015.09.016.

21. Coyne K, **Whigham L**, O'Leary K, Yaklic J, Maxwell R, Lindheim S. Gestational Carrier BMI and Reproductive, Fetal and Neonatal Outcomes: Are The Risks The Same With Increasing Obesity? *Int J Obes (Lond)*. 2016; 40(1):171-5. doi: 10.1038/ijo.2015.159.
22. Butz DE, Weidmann D, Brownsword R, Cook ME, Schoeller DA, **Whigham LD**. Immediate biofeedback for energy balance via expired breath $\delta^{13}\text{CO}_2$. *Conf Proc IEEE Eng Med Biol Soc*. 2015; 2015:8205-8208.
23. **Whigham LD**, Redelfs AH[†]. Optical Detection of Carotenoids in Living Tissue as a Measure of Fruit and Vegetable Intake. *Conf Proc IEEE Eng Med Biol Soc*. 2015; 2015:8197-8200.
24. Casperson SL[†], Sieling J, Moon J, Johnson L, Roemmich J, **Whigham LD**. Usability of a mobile phone food record application by adolescents to digitally capture dietary intake in a free-living environment. *Journal of Medical Internet Research*. 2015;13;3(1):e30.
25. Anderson CK[†], Walch TJ[†], Lindberg SM, Smith AM[†], Lindheim SR, **Whigham LD**. Excess gestational weight gain in low-income overweight and obese women: a qualitative study. *J Nutr Educ Behav*. 2015; 47(5):404-11.e1. doi: 10.1016/j.jneb.2015.05.011. Epub 2015 Jul 15.
26. Karl JP, Thompson LA, Niro PJ, Margolis LM, McClung JP, Cao JJ, **Whigham LD**, Combs GF Jr, Young AJ, Lieberman HR, Pasiakos SM. Transient decrements in mood during energy deficit are independent of dietary protein-to-carbohydrate ratio. *Physiol Behav*. 2015; 139:524-31. doi: 10.1016/j.physbeh.2014.11.068. Epub 2014 Dec 3.
27. Jahns L, Payne CR, **Whigham LD**, Johnson LK, Scheett AJ, Hoverson BS, Kranz S. Foods advertised in US weekly supermarket sales circulars over one year: a content analysis. *Nutr J*. 2014;13:95. doi: 10.1186/1475-2891-13-95.
28. Jahns L, Johnson LK, Mayne ST, Cartmel B, Picklo Sr MJ, Ermakov IV, Gellermann W, **Whigham LD**. Skin and plasma carotenoid response to a provided intervention diet high in vegetables and fruits: uptake and depletion kinetics. *Am J Clin Nutr*. 2014;100(3):930-7. doi: 10.3945/ajcn.114.086900. Epub 2014 Jul 9.
29. **Whigham LD**, Butz DE, Dashti H, Tonelli M, Johnson LK, Cook ME, Porter WP, Eghbalnia HR, Markley JL, Lindheim SR, Schoeller DA, Abbott DH, Assadi-Porter FM. Metabolic Evidence of Diminished Lipid Oxidation in Women With Polycystic Ovary Syndrome. *Curr Metabolomics*. 2014; 2(4):269-278.
30. **Whigham LD**, Butz DE, Johnson LK, Schoeller DA, Abbott DH, Porter WP, Cook ME. Breath carbon stable isotope ratios identify changes in energy balance and substrate utilization in humans. *Int J Obes (Lond)*. 2014; 38(9):1248-50. doi: 10.1038/ijo.2014.7. Epub 2014 Jan 20.
31. Butz DE, Casperson SL[†], **Whigham LD**. The emerging role of carbon isotope ratio determination in health research and medical diagnostics. *J Anal At Spectrom*. 2014; 29:594-598. doi: 10.1039/C3JA50327E.
32. Cao JJ, Pasiakos SM, Margolis LM, Sauter ER, **Whigham LD**, McClung JP, Young AJ, Combs GF. Calcium homeostasis and bone metabolic responses to high protein diets during energy deficit in healthy young adults: a randomized control trial. *Am J Clin Nutr*. 2014; 99(2):400-7. doi: 10.3945/ajcn.113.073809. Epub 2013 Nov 27.
33. Pasiakos SM, Margolis LM, McClung JP, Cao JJ, **Whigham LD**, Combs GF, Young AJ. Whole-body protein turnover response to short-term high protein diets during weight loss: a randomized controlled trial. *Int J Obes (Lond)*. 2014; 38(7):1015-8. doi: 10.1038/ijo.2013.197. Epub 2013 Oct 29.
34. Pasiakos SM, Cao JJ, Margolis LM, Sauter ER, **Whigham LD**, McClung JP, Rood JC, Carbone JW, Combs GF, Young AJ. Effects of high protein diets on fat-free mass and muscle protein synthesis following weight loss: a randomized controlled trial. *FASEB J*. 2013; 27(9):3837-47. doi: 10.1096/fj.13-230227. Epub 2013 Jun 5.
35. **Whigham LD**, Schoeller DA, Johnson LK, Atkinson RL. Effect of clothing weight on body weight. *Int J Obes (Lond)*. 2013; 37(1):160-1. doi: 10.1038/ijo.2012.20. Epub 2012 Feb 28.

36. **Whigham LD**, Valentine AR, Johnson LK, Zhang Z, Atkinson RL, Tanumihardjo SA. Increased vegetable and fruit consumption during weight loss effort correlates with increased weight and fat loss. *Nutr Diabetes*. 2012 Oct 1;2:e48. doi: 10.1038/nutd.2012.22.
37. Schoeller DA, Watras AC, **Whigham LD**. A meta-analysis of the effects of conjugated linoleic acid on fat-free mass in humans. *Appl Physiol Nutr Metab*. 2009 Oct;34(5):975-8. doi: 10.1139/H09-080.
38. Tanumihardjo SA, Valentine AR, Zhang Z, **Whigham LD**, Lai HJ, Atkinson RL. Strategies to increase vegetable or reduce energy and fat intake induce weight loss in adults. *Exp Biol Med (Maywood)*. 2009 May;234(5):542-52. doi: 10.3181/0810-RM-293. Epub 2009 Feb 20.
39. Valentine AR, **Whigham LD**, Tanumihardjo SA. Pedometers Are Perceived as Useful Tools for Weight Loss. *Journal of Extension*. 2009; 47:2TOT6:1-5.
40. Bruns CM, Baum ST, Colman RJ, Dumesic DA, Eisner JR, Jensen MD, **Whigham LD**, Abbott DH. Prenatal androgen excess negatively impacts body fat distribution in a nonhuman primate model of polycystic ovary syndrome. *Int J Obes (Lond)*. 2007 Oct;31(10):1579-85. Epub 2007 May 1.
41. **Whigham LD**, Watras AC, Schoeller DA. Efficacy of conjugated linoleic acid for reducing fat mass: a meta-analysis in humans. *Am J Clin Nutr*. 2007 May;85(5):1203-11.
42. **Whigham LD**, Dhurandhar NV, Rahko PS, Atkinson RL. Comparison of combinations of drugs for treatment of obesity: body weight and echocardiographic status. *Int J Obes (Lond)*. 2007 May;31(5):850-7. Epub 2006 Dec 5.
43. **Whigham LD**, Israel BA, Atkinson RL. Adipogenic potential of multiple human adenoviruses in vivo and in vitro in animals. *Am J Physiol Regul Integr Comp Physiol*. 2006 Jan;290(1):R190-4. Epub 2005 Sep 15.
44. **Whigham LD**, O'Shea M, Mohede I, Walaski HP, Atkinson RL. Safety profile of conjugated linoleic acid in a 12-month trial in obese humans. *Food Chem Toxicol*. 2004 Oct;42(10):1701-9.
45. Dhurandhar NV, **Whigham LD**, Abbott D, Schultz-Darken N, Israel BA, Bradley SM, Kemnitz J, Allison DB, Atkinson RL. Human adenovirus Ad-36 promotes weight gain in male rhesus and marmoset monkeys. *J Nutr*. 2002 Oct;132(10):3155-60.
46. **Whigham LD**, Higbee A, Bjorling DE, Park Y, Pariza MW, Cook ME. Decreased antigen-induced eicosanoid release in conjugated linoleic acid-fed guinea pigs. *Am J Physiol Regul Integr Comp Physiol*. 2002 Apr;282(4):R1104-12.
47. **Whigham LD**, Cook EB, Stahl JL, Saban R, Bjorling DE, Pariza MW, Cook ME. CLA reduces antigen-induced histamine and PGE₂ release from sensitized guinea pig tracheae. *Am J Physiol Regul Integr Comp Physiol*. 2001 Mar;280(3):R908-12.
48. **Whigham LD**, Cook ME, Atkinson RL. Conjugated linoleic acid: implications for human health. *Pharmacological Research*. 2000; 42:503-510.

Peer-reviewed Book Chapters:

49. Welsh S, **Whigham LD**, Lindheim SR. Obesity and Medically Assisted Reproduction. In: Allahbadia G.N., Ata B., Lindheim S.R., Woodward B.J., Bhagavath B. (eds) *Textbook of Assisted Reproduction*. Springer, Singapore. 2020; pp 233-239 doi.org/10.1007/978-981-15-2377-9_27
50. Cook ME, DeVoney D, Drake B, Pariza MW, **Whigham LD**, Yang M. Dietary control of immune induced cachexia: conjugated linoleic acid and immunity. In: *Conjugated Linoleic Acid Research*, eds. Yurawecz MP, Mossoba MM, Kramer JKG, Pariza MW, Nelson GJ, AOCS Press, Champaign, IL, pp. 226-237; 1999.
51. Cook ME, Butz D, Li G, Pariza M, **Whigham L**, Yang M. Conjugated linoleic acid enhances immune responses but protects against the collateral damage of immune events. Chapter 17, pp 283-291; 2003. In: *Advances in Conjugated Linoleic Acid Research*. Volume 2, eds. J.L. Sebedio, W. W. Christie, and R. Adlof, AOCS Press, Champaign, IL.

Editorials and Proceedings:

52. Dhurandhar NV, **Whigham, LD**, Macdonald I. Richard L. Atkinson, MD, FTOS, retires as Editor-In-Chief. *Int J Obes (Lond)*. 2021 Mar;45(3):461-463. doi: 10.1038/s41366-021-00759-9. Epub 2021 Feb 8. PMID: 33558640.
53. **Whigham L**, Durrant M, Yaklic JL, Lindheim SR. PCOS from Conception to Menopause: A Review of Our Current Understanding. 2015; *Androl Gynecol: Curr Res* 3:1.
54. Lindheim SL, Welsh S, Jiang N, **Whigham LD**. Call To Arms: Recognizing and Eliminating Bias Against Overweight and Obese Women in Women's Health Care. *Androl Gynecol: Curr Res*. 2014; 3:2 doi: 10.4172/2327-4360.1000e110.
55. Lindheim SR, **Whigham L**. Polycystic ovary syndrome: Cosmetic and dietary approaches. *OBG Management*. 2012; 24:12:1e-5e.
56. Lindheim SR, **Whigham L**. Polycystic ovary syndrome: The long-term metabolic risks. *OBG Management*. 2012; 24:11:1e-4e.
57. Lindheim SR, **Whigham L**. Polycystic ovary syndrome: How are obesity and insulin resistance involved? *OBG Management*. 2012; 24:10:1e-5e.
58. Lindheim SR, **Whigham L**. Polycystic ovary syndrome: Where we stand with diagnosis and treatment – and where we're going. 2012; *OBG Management* 24:9:1e-5e.
59. Buchholz AC, Van Loan M, **Whigham L**, Henry Lukaski H. Lifestyle Modification to Promote Weight Loss in the Absence of Energy Restriction. *Journal of Nutrition and Metabolism* 2011; Article ID 527290.
60. **Whigham LD**. Review of Current Literature: Increased Adiposity in Female Rhesus Monkeys Exposed to Androgen Excess During Early Gestation. *Nutrition in Clinical Practice*. 2003; 18: 336.
61. **Whigham LD**. Recent Advances in Conjugated Linoleic Acid Research. In: *Comptes-Rendus de la Journée de L'IESIEL: Lipides Du Lait Progrès Actuels: Biochimie, Technologie, Nutrition (Report of the IESIEL: Current Progress in Milk Lipids: Biochemistry, Technology, Nutrition)*. Paris, France, pp. 77-88; 2000.

Technical Reports:

62. Manon M, Ramos A, Young C, Lang B, **Whigham L**, Redelfs A, Gallinar J. Food for Every Child: Access and Demand for Healthy Food in the Paso del Norte Region. Philadelphia, PA: The Food Trust, 2017. *Note: authorship does not follow standard order for scientific publications; Whigham was PI of funding and oversaw scope and strategies of the report; authors Manon, Ramos, Young, and Lang were contractors from The Food Trust with technical expertise required for the project; Redelfs and Gallinar worked locally in El Paso and reported to Whigham on aspects of the project.*
63. Li, Wen-Whai; Jeon, Soyung; Hargrove, William; **Whigham, Leah**. Healthy Living, Children's Respiratory Health, and Traffic-Related Air Pollution in an Underserved Community. Center for Advancing Research in Transportation Emissions, Energy, and Health. Texas A&M Transportation Institute; University of Texas at El Paso; United States Department of Transportation, University Transportation Centers (UTC) Program; United States, Department of Transportation, Office of the Assistant Secretary for Research and Technology. July 2019. Report Number: CARTEEH Project 4. <https://rosap.ntl.bts.gov/view/dot/58528>
64. Vallamsundar, Suriya; Uwak, Inyang; Ramani, Tara; Jaikumar, Rohit; Johnson, Natalie M; Trueblood, Amber; Aguilera, Juan*; Ramirez, Ivan M; **Whigham, Leah**; Li, Wen-Whai. Personal Exposure to Air Pollution in the Vicinity of U.S.-Mexico Border Crossings. Center for Advancing Research in Transportation Emissions, Energy, and Health. Texas A&M Transportation Institute. United States. Department of Transportation. University Transportation Centers (UTC) Program; United States. Department of Transportation. Office of the Assistant Secretary for Research and Technology. October 2021. Report Number: 01-03-TTI. <https://rosap.ntl.bts.gov/view/dot/67302>.

Manuscripts Currently Under Review:

1. Redelfs AH[†], Holt C, Perez D, **Whigham LD**. Enhanced Force Field Analysis in evaluation: Incorporating strategic planning, participatory approaches, and Appreciative Inquiry to optimize programs, understand systems, or assess innovations.
2. Nyachoti DO*, Ranjit N, Ramphul R, **Whigham LD**, Andrew E. Springer AE. Association of Social Vulnerability and COVID-19 Mortality Rates in Texas between March 15, 2020, and July 21, 2022: An Ecological Analysis. *International Journal of Environmental Research and Public Health*.
3. Aguilera J*, Jeon S, Chavez M*, Ibarra-Mejia G, Ferreira-Pinto J, **Whigham LD**, Li WW. Short-term effects of traffic-related air pollution on cardio-respiratory outcomes among low-income residents from a US-Mexico border community. *Air Quality, Atmosphere, and Health*.

Intellectual Property:

1. U.S. Patent No. 6,077,868: Selective inhibition of cyclooxygenase-2. Assignee: Wisconsin Alumni Research Foundation.
2. U.S. Patent No. 10,694,993: Methods of determining energy balance using breath carbon isotope ratios. Assignee: Wisconsin Alumni Research Foundation.

2. Grants and contract awards

Current Funding – PI/co-PI

- a) 2022-2023 Desert Spoon Food Hub, “Tasterspace: Expanding Food Education Among School-aged Children.” PI: Leah Whigham. \$22,000 (Total Direct Costs: \$19,800)
- b) 2022-2025 El Paso County, “Healthy Food Financing Coordinating Center,” PI: Gabriela Gallegos, co-PI: Leah Whigham. \$148,682 (Total Direct Costs \$135,165).
- c) 2022-2024 La Semilla Food Center/National Institute of Food & Agriculture/USDA, “Cultivating Health with Veggie Scripts & Gardening GusNIP Produce Prescription,” PI: Leah Whigham. \$28,998 (Total Direct Costs \$26,362).
- d) 2021-2023 3R01CA228921-04S1 Site PI and Lead Mentor, NIH Minority Supplement Award, Award recipient: Dr. Ashley Toney, \$194,460
- e) 2022-2023 El Paso Independent School District Department of Defense Education Activity (DoDEA) Evaluation Services, PI: Leah Whigham. \$15,000 (Total Direct Costs \$11,905).
- f) 2021-2023 UTHealth – MD Anderson Population Health Initiative Collaborative Projects Fund, “Digital Physical Activity and Diet (dPAD) Collaborative: A Core Resource for Research on Digital Obesity Intervention and Assessment.” Co-PIs: Leah Whigham, Karen Basen-Engquist. Total Direct Costs: \$167,923.

Current Funding – co-I

- g) 2023-2028 Rio Grande Colonias USDA Regional Food Business Center. Texas A&M Agrilife Research /US Department of Agriculture (USDA). Co-Investigator. \$30M (Total Direct Costs to UTHealth: \$1,656,082.00)
- h) 2020-2024 Texas Health & Human Services Commission (HHSC), “Housing for Opioid MAT Expanded Services (HOMES).” co-PIs: Mike Wilkerson and Sheryl McCurdy; co-I: Leah Whigham. \$18,685,414 (Total Direct Costs \$17,797,821).
- i) 2019-2023 National Institutes of Health R01CA228921, “Fighting Obesity by Reinventing Public Transportation: A Natural Experiment.” Co-PIs: Chanam Lee, Wei Li, Marcia Ory; Subrecipient PI: Leah Whigham. Direct Costs: \$263,556 (Total Direct Costs \$169,514).

Completed Funding – PI/co-PI

- j) 2021-2022 Desert Spoon Food Hub, “Tasterspace: Expanding Food Education Among School-aged Children.” PI: Leah Whigham. \$17,000 (Total Direct Costs: \$15,455)
- k) 2021-2022 El Paso Independent School District Department of Defense Education Activity (DoDEA) Evaluation Services, PI: Leah Whigham. \$15,000 (Total Direct Costs \$11,905).
- l) 2021-2022 Paso del Norte Health Foundation, “Primary Care Obesity Management: Efficacy and Implementation Evaluation.” PI: Leah Whigham. \$147,902. (Total Direct Costs: \$138,320)
- m) 2020-2021 Paso del Norte Health Foundation, “Primary Care Obesity Management: System Integration for La Clinica de Familia.” PI: Leah Whigham. \$318,801 (Total Direct Costs: \$309,865).
- n) 2020-2021 Paso del Norte Health Foundation, “Increasing access to healthy food in the Paso del Norte region through Healthy Food Financing Initiative and related programming.” PI: Leah Whigham. \$75,762 (Total Direct Costs \$68,874).
- o) 2018-2019 Path Foundation, “Commit to Be Fit: Year 2.” PI: Leah Whigham. \$35,500
- p) 2018-2019 Path Foundation, “FRESH (Fauquier Reaches for Excellence in School Health): Year 1.” PI: Leah Whigham. \$32,500.
- q) 2017-2018 Path Foundation, “Commit to Be Fit: Year 1.” PI: Leah Whigham. \$28,500
- r) 2017-2019 SNAP-Ed, Common Threads. PI: Leah Whigham. \$50,000 (Transfer of remaining funds when I transferred to UTHealth in Fall 2019, Total Direct Costs: \$12,500)
- s) 2015-2019 Paso del Norte Health Foundation, “HEAL: Creating a Culture of Healthy Eating and Active Living.” PI: Kathleen Curtis; Co-PI Leah Whigham (2015-2016), PI: Leah Whigham (2016-2019). \$7,921,696. Subcontract to UTHealth when I changed institutions in fall of 2019: Total Direct Costs \$112,125, project title “Healthy Eating Active Living (HEAL) in the Paso del Norte Region.”
- t) 2012-2014 T.W. Edminster Postdoctoral Research Associate Award, USDA Agricultural Research Service. PI: Leah Whigham. \$120,000
- u) 2011 Northern Plains Area Native American Internship/Apprenticeship Program. PI: Leah Whigham. \$1,559
- v) 2011 Junior Master Gardener Program, “Gardening with Children.” PI: Leah Whigham. Co-PI: JoAnne Yearwood. \$800
- w) 2010-2011 USDA-ARS, “Dietary Guidelines Adherence and Healthy Body Weight Maintenance.” Investigators: Leah Whigham (Lead Scientist), Lisa Jahns, Susan Raatz. Budget integrated into appropriated total Center budget, approximately \$2,500,000 total project budget, equivalent subaward budget approximately \$830,000.
- x) 2009-2010 UW Institute for Clinical and Translational Research, “Prevention of Excess Gestational Weight Gain in Overweight and Obese Low-Income Women.” PI: Leah Whigham. Co-I: Aubrey Smith. \$33,727
- y) 2007-2010 Wrigley Science Institute Award from the Obesity Society, “Effects of Gum Chewing on Energy Intake and Expenditure.” PI: Leah Whigham. Co-I: Dale Schoeller. \$25,000
- z) 2007-2010 Wisconsin Institutes of Discovery, “Early detection of disease onset - a systems approach using new metabolome phase portraits.” PIs: Leah Whigham, Fariba Assadi-Porter, Hamid

Eghbalnia, Michael Shortreed. Co-Is: David Abbott, Dan Butz, Mark Cook, Steven Lindheim, Marco Tonelli, John Markley, Warren Porter, Lloyd Smith. \$400,000

Completed Funding – co-I

- aa) 2016-2021 University Transportation Centers Program grant, Research and Innovative Technology Administration (RITA) US Department of Transportation, “Center for Advancing Research in Transportation Emissions, Energy and Health.” Center Director: Joe Zietsman. University Lead: Wen-Whai Li. Co-I: Leah Whigham. Subaward budget: \$363,279
- bb) 2020 El Paso County, “Barriers to SNAP.” PI: Gabriela Gallegos. Co-I: Leah Whigham. \$35,038.
- cc) 2004-2008 USDA Cooperative State Research, Education, and Extension Service – National Research Initiative, “Promotion of high vegetable consumption as a weight-loss strategy and general well-being.” Project Director Sherry Tanumihardjo, co-PD Leah Whigham. \$652,500

C. Invited Talks and Presentations

Invited Presentations:

1. Brazilian Congress of Nutrology 2023 (Medical Nutrition) [Congresso Brasileiro de Nutrologia], “Scalable Strategies for Supporting Sustainable Weight Management at a Population Level” and “How to Publish: How to Write your Article,” September 22-24, 2023, São Paulo, Brazil.
2. International Symposium on Obesity and Metabolic Syndrome [Simpósio Internacional de Obesidade e Síndrome Metabólica], “Obesity Management Made Easy: A Computerized Approach of Physical Examination and Diet Planning” and “What Obesity Is and What Obesity Is Not: Distinguishing Between Causes and Contributors,” September 21, 2023, São Paulo, Brazil.
3. Pennington Biomedical Research Center, “From Bench to Curbside and Back Again: Addressing Obesity at a Regional Level,” August 24, 2023, Baton Rouge, LA.
4. Baylor Scott & White, “Obesity Management in Obstetrics & Gynecology: Challenges and Solutions,” August 4, 2023, Temple, TX.
5. Texas Academy of Family Physicians Symposium, “Non-Pharmacologic Management of Obesity,” June 10, 2023, San Antonio, TX.
6. Texas Tech University Health Science Center El Paso Research Symposium, “Scalable Obesity Treatment: the Importance of Simultaneously Addressing Causes and Contributors,” April 19, 2023, El Paso, TX.
7. Medical Center of the Americas, Clinical Trial Consortium, Clinical Trial Academy Clinical Research Coordinator Graduation, Keynote Speaker, April 18, 2023, El Paso, TX.
8. El Paso County Medical Society, “Obesity Management in Primary Care Part 2: Customized Care Plans,” March 30, 2023, El Paso, TX.
9. El Paso County Medical Society, “Obesity Management in Primary Care Part 1: Challenges and Solutions,” February 23, 2023, El Paso, TX.
10. National Dairy Council NextGen Scientist program, “Addressing Obesity on a Regional Scale,” November 17, 2022, San Antonio, TX.
11. ObesityWeek® 2022, President's Symposium: Eradicating Barriers to Treatment, “Examples of Success in Implementing Change,” November 2, 2022, San Diego, CA.
12. Brazilian Congress of Nutrology 2022 (Medical Nutrition) [Congresso Brasileiro de Nutrologia], September 22-24, 2022, São Paulo, Brazil.
13. National Academies of Sciences, Engineering, and Medicine, Roundtable on Obesity Solutions, “Engaging Communities in Addressing Structural Drivers of Obesity,” July 25, 2022, virtual workshop.

14. Texas Tech University, “Collective Impact for Community-level Obesity Solutions,” May 9, 2022, Lubbock, TX.
15. Medical Center of the Americas Clinical Trials Task Force, “Addressing Obesity Through Community-Driven Science-Informed Solutions,” May 5, 2022, virtual series.
16. Texas Academy of Family Physicians, 2022 C. Frank Webber Lectureship, “Strategies for Office-based Management of Patients with Overweight and Obesity,” April 9, 2022.
17. Children at Risk, 150 Miles: Health in the Borderlands, “Driving Collective Impact: Obesity, Nutrition, and Physical Activity,” April 7, 2022, virtual summit.
18. Board of Latino Legislative Leaders Annual Conference, “Equity and Access to Care: Addressing Obesity in times of COVID,” November 20, 2021, Miami, FL.
19. Energy Balance Research Seminar, Center for Energy Balance in Cancer Prevention and Survivorship, MD Anderson Cancer Center, “Web-based App for Personalized Patient-Guided Nutrition Therapy for Weight Loss,” November 18, 2021, virtual seminar.
20. ObesityWeek® 2020, Symposium: Implementation Science in Obesity Research, “Use of the Collective Impact Model to Impact Obesity,” November 2-6, 2020, Atlanta, GA (moved to online due to COVID).
21. XXIV Brazilian Congress of Nutrology (Medical Nutrition) [Congresso Brasileiro de Nutrologia], XIV Conference of Obesity and Metabolic Syndrome, September 24-26, 2020, São Paulo, Brazil (postponed due to COVID).
22. Michael and Susan Dell Center for Healthy Living Webinar series, Our Food System and Food Insecurity During COVID-19: Stories from Across the State, “Value Chain Coordination for Improving Access to Healthy and Affordable Food in the Paso del Norte Region,” June 23, 2020.
23. Invitation-only symposium: Toward more rigorous and informative nutritional epidemiology: the rational space between dismissal and defense of the status quo, Indiana University, “Stronger Measurement: The use of biomarkers for food intake and energy expenditure: an overlooked gap” May 17-19, 2020, Bloomington, Indiana (moved to online due to COVID).
24. XXIII Brazilian Congress of Nutrology (Medical Nutrition) [Congresso Brasileiro de Nutrologia], XIII Conference of Obesity and Metabolic Syndrome, “A Comprehensive Community Approach to Address Obesity: The Role of the Clinician” and “Behavioral Strategies for Weight Loss,” September 26-28, 2019, São Paulo, Brazil.
25. 8th Annual Convening on Healthy Food Access, “Border Communities and Food Access,” May 14-15, 2019, Washington, DC.
26. El Paso County Commissioners Court, “Healthy Food Financing Initiative,” December 10, 2018, El Paso, TX.
27. Board of Hispanic Caucus Chairs, “Nutrition, Physical Activity, and Obesity: Status of Research and Policy Nationally and along the US-Mexico Border,” November 16, 2018, Washington, DC.
28. Live Smart Texas Webinar Series, “Misconceptions About Obesity,” October 3, 2018.
29. XXII Brazilian Congress of Nutrology (Medical Nutrition) [Congresso Brasileiro de Nutrologia], “Obesity: a complex disease with multiple causes,” “Nutritional approaches for weight loss,” “Creating a welcoming clinic for patients with obesity,” September 27-29, 2018, São Paulo, Brazil.
30. ISHIB / PCORI Program, Community Study of Cardiovascular/Metabolic Disease, “Collaborative research approaches to Cardiometabolic health,” September 22, 2016, El Paso, TX.
31. Children’s Environmental Health on the Border Symposium, “Healthy Eating and Active Living in the Paso del Norte Region,” September 24, 2015, El Paso, TX.
32. El Paso Academy of Nutrition and Dietetics, “Healthy Eating and Active Living in the Paso del Norte Region,” September 16, 2015, El Paso, TX.
33. 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Minisymposium: New directions in metabolic measurement technologies and behavior support, “Optical detection of carotenoids in living tissue as a measure of fruit and vegetable intake.” August 25-29, Milan, Italy.

34. Dannon Institute 10th Nutrition Leadership Institute alumni speaker panel, June 6 –11, 2015, Queenstown, Maryland.
35. Cultivate Forum, “Paso del Norte Institute for Healthy Living,” April 23, 2015, El Paso, TX.
36. UTEP Leadership Development Institute, “Leadership and Staying Grounded,” March 20, 2015, El Paso, TX.
37. DYNAMICA EXPO 2014, “Diabetes/Obesity Roundtable: Innovative Ways to Increase Healthy Eating and Active Living.” November 14, 2014, El Paso, TX.
38. Workshop on Biomedical Applications of Geochemistry, August 30, 2013, Gargonza, Italy (unable to accept invitation)
39. South Dakota State University Nutrition Conference, “Non-invasive assessment of carotenoids as a biomarker of fruit and vegetable intake: The Veg Out Study” March 18, 2013, Brookings, SD.
40. Augustana College Biology Seminar “A novel breath biomarker for weight loss.” November 28, 2012, Sioux Falls, South Dakota.
41. Chinese Nutrition Society Symposium on Dietary Fatty Acids “CLA and Body Composition.” November 16, 2012, Beijing, China.
42. Spencer Award Symposium, American Chemical Society, “CLA in Obesity.” August 21, 2012, Philadelphia, PA.
43. Midwest Parks and Recreation Conference, “Community partnerships for research: establishing an evidence-based foundation for building healthy community programs.” April 30, 2012, Grand Forks, ND
44. UND Medical School Graduate Student Seminar Series, “Dairy cattle mtDNA, guinea pig asthma, and the nutritional chemistry of obesity: a molecular path through research.” October 7, 2011, Grand Forks, ND.
45. Taking Action to End Hunger Summit, “Side by Side: Hunger and Obesity.” September 20, 2011, Fargo, ND.
46. North Dakota Nutrition Council Meeting, “Can Eating Vegetables Really Help Me Lose Weight?” June 9, 2011, Devils Lake, ND.
47. South Dakota State University Nutrition Conference, “Can Eating Vegetables Really Help Me Lose Weight?” March 14, 2011, Brookings, SD.
48. Nursing Research Brownbag, UND College of Nursing, “Efficacy of CLA for Reducing Fat Mass,” February 12, 2010, Grand Forks, ND.
49. Friends & Neighbors Day, USDA-ARS Northern Great Plains Research Laboratory, “Can a Virus Cause Obesity?” July 22, 2010, Mandan, ND.
50. Supply Side West Meeting, “CLA Meta-Analysis,” November 7, 2007, Las Vegas, NV.
51. US CLA Network 3rd Annual Meeting, “Efficacy of Conjugated Linoleic Acid for Reducing Fat Mass: A Meta-analysis in Humans,” Detroit, Michigan, December 7-8, 2006.
52. North Central College Biology-Chemistry Interdisciplinary Seminar, “CLA: A Story of Discovery from Immunology to Weight Loss,” October 16, 2006, Naperville, Illinois.
53. The Role of CLA in Human Health: Mechanisms and Biomarkers, “The Role of CLA in Human Body Composition,” October 21-23, 2004, Winnipeg, Canada.
54. Current Concepts in Nutrition and Aging, UW-Extension, “Fat Alternatives in Your Foods,” September 23, 2004, Madison, Wisconsin.
55. College Days, UW-Extension, “The Skinny on Fad Diets,” June 8, 2004, Madison, Wisconsin
56. Conference on CLA in Human Health: Research in Progress, “CLA in Humans: Effects on Body Composition and Adverse Events During Weight Loss,” November 21-23, 2003, Toronto, Canada.
57. IESIEL (Institut d’Etudes Supérieures d’Industrie et d’Economie Laitières) Milk Lipids Conference, “Recent Advances in Conjugated Linoleic Acid Research,” November 17, 1999, Paris, France.
58. Cornell Nutrition Conference for Feed Manufacturers, “CLA, Metabolism and Health,” October 20, 1999, Rochester, New York.

59. 60th Minnesota Nutrition Conference, “CLA, Food Quality, and Human Health,” Sept. 21, 1999, Bloomington, Minnesota.
60. 1999 OCA Cattlemen’s Convention, “Conjugated Linoleic Acid: A Health Promoting Component of Beef and Dairy Products,” July 23, 1999, Oklahoma City, Oklahoma.
61. Farmland Industries, Inc. University Advisory/Research Alliance Meeting, “Health Effects of Conjugated Linoleic Acid,” June 2, 1999, Lake Ozark, Missouri.
62. Diamond V-Antitox Technical Symposium, “Physiological Effects of Conjugated Linoleic Acid,” September 15, 1998, Cedar Rapids, Iowa.
63. National Nutritional Foods Association Annual National Convention, “Conjugated Linoleic Acid and Immune Modulation,” July 15, 1998, San Antonio, Texas.
64. Southern California Food Industry Conference, “The Role of Conjugated Linoleic Acid in Health,” January 27, 1998, Pomona, California.

Submitted Presentations:

65. International Congress on Obesity 2022, “Using Collective Impact to Address Obesity on a Regional Scale,” October 18-22, 2022, Melbourne, Australia.
66. SOPHE2021dx (Society for Public Health Education), “Discovering Forces That Matter: A Participatory Process to Facilitate Partner and Stakeholder Involvement during Program and Systems Evaluation,” May 11, 2021, (online due to COVID).
67. Obesity Medicine 2021, “Obesity Management in Primary Care: Challenges and Solutions,” April 21 - 25, 2021, Denver, CO (moved to online due to COVID).
68. HEALTH: A Call to Action Conference, University of Houston, “A comprehensive approach for obesity management in primary care settings,” January 31, 2020, Houston, Texas.
69. Healthier Texas Summit, “Collective Impact: Healthy Eating and Active Living in the Paso del Norte Region,” October 25, 2018, Austin, TX.

D. Teaching

Classes Taught:

- Course Instructor, UTHealth School of Public Health, Capstone Integrated Learning Experience for Health Promotion and Behavioral Sciences Students (2211PHM-1496-100); Spring 2021 (50%), Spring 2022 (60%), Spring 2023 (100%).
- Course Instructor, UTHealth School of Public Health, Community Assessment Methods in Public Health (2211PH-1112L100); Spring 2021 (40%), Summer 2021 (50%), Fall 2021 (45%), Spring 2022 (40%), Spring 2023 (5%).
- Course Instructor, UTHealth School of Public Health, Obesity, Nutrition and Physical Activity (2203PH-1237-100); Fall 2020 (50%), Fall 2021 (50%), Fall 2022 (100%).
- Course Instructor, University of Texas at El Paso, Public Health Sciences, Community Nutrition (HSCI 3316); 2018 (100%), 2019 (100%).
- Course Instructor, University of Texas at El Paso, Interdisciplinary Research for the Health Sciences: Case Studies (CHSC 6307, graduate course for Interdisciplinary Health Sciences Ph.D. program); 2016 (100%).
- Teaching Assistant, University of Wisconsin–Madison, Nutritional Biochemistry (NS510); lectures on antioxidants, copper, zinc, chromium, aluminum, and lead; weekly discussion sessions and office hours; designing exam questions; and grading exams and assignments. Course instructor: Dr. Susan M. Smith; 1997

Guest Lectures:

- Food Policy (PH 1227), “Applying Collective Impact Model for Change in Food Systems,” course instructor: Dr. Alexandra van den Berg; UTHealth School of Public Health, 2023.

- Introduction to Public Health Nutrition (PH 1233L), “Obesity,” course instructor: Dr. Deanna Hoeslcher; UTHealth School of Public Health, 2021, 2022.
- Nutritional Sciences Seminar (NS 6118 Seminar), “Misconceptions about Obesity,” course instructor: Dr. Nikhil Dhurandhar; Texas Tech University, 2022.
- Nutritional Sciences Obesity & Nutrition Seminar, “Rigorous and more informative assessment of community health interventions,” course instructor: Dr. Nikhil Dhurandhar; Texas Tech University, 2020.
- Health Promotion and Behavioral Sciences Seminar (PH1433), “Use of the Collective Impact Model to Influence Obesity,” course instructor: Dr. Andrew Springer; UTHealth School of Public Health, 2022.
- Methods in Pharmacology and Physiology (PPT 505), “Study Design and Research Methods using Human Volunteers,” course instructor: Dr. Eric Murphy; University of North Dakota, 2011, 2013
- Human Nutritional Needs (NS332), 3 lectures on vitamins A and D, course instructor: Dr. Dale Schoeller; University of Wisconsin–Madison, 2005
- Understanding Nutrition (NS132), lecture and demonstration on body composition analysis, course instructor: Alice Wentworth; University of Wisconsin-Madison, 2000.
- Comparative Nutrition (AnSci311); lectures on magnesium, calcium, and phosphorus; course instructor: Dr. Mark E. Cook; University of Wisconsin–Madison, 1996.

Graduate and Undergraduate Student Supervision:

Committee/Project Chair:

Doctoral Level:

Juan A. Aguilera, PhD, Interdisciplinary Health Sciences, UTEP, 2020

Title: ASSOCIATION OF TRAFFIC RELATED AIR POLLUTION WITH PHYSICAL ACTIVITY AND CARDIORESPIRATORY HEALTH OUTCOMES IN AT-RISK POPULATIONS FROM EL PASO, TX

Sarah Ruiz, PhD, Interdisciplinary Health Sciences, UTEP, 2021

Title: DETERMINATION OF PERCEIVED CALORIE CONTENT OF COMMON FOODS

Patrick V. Hopkins, PhD, Interdisciplinary Health Sciences, UTEP, 2022

Title: INFORMING THE PARENT COMPONENT OF AN ACCEPTANCE-BASED BEHAVIORAL WEIGHT LOSS TREATMENT PROGRAM TAILORED FOR HISPANIC ADOLESCENTS IN THE PASO DEL NORTE REGION

Hunter Turnipseed, PhD student, UTEP, 2023

Title: IMPLEMENTATION AND EVALUATION OF OBESITY MANAGEMENT TOOLS

Dennis Nyochoti, DrPH student, UTHealth, 2023

Title: EXPLORING THE ASSOCIATION OF SOCIAL VULNERABILITIES WITH COVID-19 OUTCOMES AND REVIEWING STRATEGIES FOR PROMOTING COVID-19 VACCINATION

Masters Level:

Patrick Hopkins, MPH, Public Health Sciences, UTEP, 2017

Title: EVALUATING THE IMPACT OF A HIGH SCHOOL GARDEN CURRICULUM IN EL PASO, TEXAS FOR FRUIT AND VEGETABLE INTAKE USING A VALID BIOMARKER

Vianay Lopez, MPH, Public Health Sciences, UTEP, 2017

Title: EVALUATION OF A GENDER RELEVANT PHYSICAL ACTIVITY AFTER SCHOOL PROGRAM

Cassandra Urrutia, MPH, Public Health Sciences, UTEP, 2017

Title: EVALUATION OF A NUTRITION EDUCATION PROGRAM TARGETING HOME-BASED CHILD CARE CENTERS

Yvette Ontiveros, MPH, Public Health Sciences, UTEP, 2018

Title: INCREASING VOLUNTEERISM AMONG COLLEGE ATHLETES TO AN AFTER-SCHOOL FITNESS EDUCATION PROGRAM FOR YOUNG GIRLS IN THE LAS CRUCES AREA THROUGH DESCRIPTIVE PROGRAM VIDEOS

Karen Juarez, MPH, Public Health Sciences, UTEP, 2019

Title: MOVIMIENTO SALUDABLE “MOVS” PROJECT: IMPACT ON FRUIT AND VEGETABLE INTAKE USING REFLECTANCE SPECTROSCOPY AND RELATIONSHIP WITH BEHAVIORAL THEORY PREDICTORS

Dennis O. Nyachoti, MPH, Public Health Sciences, UTEP, 2020

Title: EVALUATING THE IMPACT OF THE IN-STORE PROGRAMMING AND OUTREACH COALITION ON INCREASING ACCESS TO HEALTHY FOOD AND HEALTHCARE SERVICES IN THE PASO DEL NORTE REGION: FIRST-PERSON ACCOUNTS OF STAKEHOLDERS' PERSPECTIVES

Committee Member:

Doctoral Level:

Shao-Hua Chin, PhD, Nutrition, Texas Tech University, 2018

Title: PAIN, DISCOMFORT, AND ENJOYMENT DURING MODERATE EXERCISE: RELATIONSHIPS TO WEIGHT STATUS AND DIET QUALITY

Yaqiong Zhu, PhD, Nutrition, Texas Tech University, 2019

Title: COMPARING THE EFFECT OF PROTEIN QUALITY ON SATIETY AND ENERGY INTAKE BETWEEN EGG AND CEREAL BREAKFAST, FOLLOWING A REDUCED CALORIE DIET

Mayra Chavez, PhD, Civil Engineering, UTEP, 2019

Title: ASSESSING CHILDREN'S SPATIOTEMPORAL EXPOSURES TO TRANSPORTATION POLLUTANTS IN NEAR-ROAD COMMUNITIES

Chelsi Webster, PhD, Nutrition, Texas Tech University, 2022

Title: BEHAVIORAL AND HORMONAL MEASURES OF HUNGER, SATIETY, AND ENERGY INTAKE TO PREDICT WEIGHT-LOSS RESPONSE TO LIRAGLUTIDE

Ongoing Doctoral Level:

Diane Lopez, DrPH student, UTHealth (committee member)

Carla Warneke, PhD student, UTHealth (committee member)

Masters Level:

Heather Sanford, MPH, Public Health Sciences, UTEP, 2016

Title: GENDER DIFFERENCES IN NUTRITION KNOWLEDGE AMONG A PREDOMINANTLY HISPANIC COLLEGE POPULATION

Sandra Oviedo, MS, Psychology, UTEP, 2017

Title: THE DEVELOPMENT OF A DRINKING-SPECIFIC COMPENSATORY HEALTH BELIEFS SCALE

Adan Rangel, MS, Civil Engineering, UTEP, 2018

Title: A COMPARATIVE STUDY CHARACTERIZING TRAFFIC AIR POLLUTANT CONCENTRATIONS AT NEAR-ROAD COMMUNITIES IN EL PASO, TX

Dylan Richards, MS, Psychology, UTEP, 2018

Title: A PSYCHOMETRIC EVALUATION OF THE TREATMENT SELF-REGULATION QUESTIONNAIRE (TSRQ) FOR ASSESSING MOTIVATIONS FOR RESPONSIBLE DRINKING

Ricardo Silvera, MPH, Public Health Sciences, UTEP, 2019

Title: CREATION OF A FATHER-FIGURE CHILD PHYSICAL ACTIVITY GAME: THE ROLE OF FATHER-FIGURES IN MODELING PHYSICAL ACTIVITY TO CHILDREN

MPH Practicum Supervision:

David Perez, Kinesiology, UTEP, 2014

Mosi Dane'El, UT-Houston School of Public Health, 2014

Patrick Hopkins, Public Health Sciences, UTEP, 2016

Cassandra Urrutia, Public Health Sciences, UTEP, 2016

Vianay Lopez, Public Health Sciences, UTEP, 2017

Diana Rangel, UT-Houston School of Public Health, 2017

Karen Del Rio, Public Health Sciences, UTEP, 2018

Yvonne Gaddy, UTHealth School of Public Health, 2018

Chisom Ovuegbe, UTHealth School of Public Health, 2021

Samuel Slusky, UTHealth School of Public Health, 2021

Dennis Nyachoti, UTHealth School of Public Health, 2021

Postdoctoral Fellows Supervised:

Aubrey Smith, MD, National Center of Excellence in Women's Health, 2006-2008

Shanon Casperson, PhD, T.W. Edminster Postdoctoral Funding, USDA-ARS, 2011-2014

Alisha Redelfs, DrPH, Deputy Director position funded by Paso del Norte Health Foundation Grant, 2015-2018

Ashley Toney, PhD, NIH Minority Postdoctoral Supplement Grant, 2021-2023

Additional teaching/mentoring roles:

Doctoral Student Preliminary Exam grading, UTHealth School of Public Health, Department of Health Promotion and Behavioral Sciences, Summer 2021, Summer 2022

E. Service

Service to the profession

Activities and Offices Held:

- Steering Committee and Legislative Subcommittee, Partnership for a Healthy Texas, 2020-present.
- Co-Chair, Live Smart Texas, 2018-present.
- Strategic Communications Task Force, The Obesity Society, 2022-2023.
- Secretary/Treasurer, The Obesity Society, 2018-2022.
- ObesityWeek Interactive Task Force, 2020.
- Nominating Committee, The Obesity Society, 2016-2019.

- Council (Clinical Practice Councilor), The Obesity Society, 2014-2017, council liaison to the Clinical Committee, Clinical Management of Obesity Section, Ethics Committee, Education Committee, and Health Services Research Section.
- Advocacy Committee, The Obesity Society, 2014-2017.
- Audit Committee, The Obesity Society, 2011-2012, Committee Chair, 2012-2014.
- Energy and Macronutrient and Metabolism Section conference session co-Chair (2012) and Chair (2013), American Society for Nutrition.
- Fellow, The Obesity Society, 2012-present.
- Finance Committee, The Obesity Society, 2010-2011.
- Dannon Leadership Institute Alumni Association; President Elect, 2006; President, 2007; Past-President, 2008

Journal Activities:

Editor-in-Chief for:

- Nutrition and Diabetes, a Springer Nature journal, 2022 Impact Factor 6.1

Editorial Board for:

International Journal of Nutrology

Guest Editor for:

- Journal of Nutrition and Metabolism

Peer review for:

- American Journal of Clinical Nutrition
- Annals of Medicine
- Archives of Biochemistry and Biophysics.
- British Journal of Nutrition
- Clinical Nutrition
- Diabetes
- Diabetes, Obesity and Metabolism
- European Journal of Clinical Nutrition
- European Journal of Nutrition
- Food & Function
- Food Chemistry
- Health Psychology Review
- International Journal of Obesity
- Journal of Diabetes and Its Complications
- Journal of Gerontology
- Journal of Investigative Medicine
- Journal of Nutrition
- Journal of Nutrition Education & Behavior
- Lipids
- National Academy of Medicine
- Nutrition Research
- Obesity
- Obesity Facts
- Physiology & Behavior
- PLOS ONE
- Royal Society Proceedings B
- Scientific Reports
- Social Science & Medicine – Population Health

Service to the Institution

Faculty mentorship:

Gabriela Gallegos, faculty mentoring through CCHI

Francois Modave, faculty mentoring through CCHI

Natalia Heredia, Department of Health Promotion and Behavioral Sciences, mentoring committee

Nicole Hare-Everline, Department of Health Promotion and Behavioral Sciences, mentoring committee

Alejandra Fernandez, Department of Health Promotion and Behavioral Sciences, PRIME award application

Committee service:

Practice Council, El Paso Campus Representative

Search Committee, Chair, open-rank faculty positions for UTHealth Center for Community Health Impact (ongoing 2019-present)

Service to the Community

Community Service Activities:

- COVID-19 Food Security Task Force, City of El Paso, 2020-2021.
- COVID-19 Clinical Trials Task Force, Medical Center of the Americas, 2020-present.
- Clinical Trials Consortium, Medical Center of the Americas, 2020-present.
- El Paso Healthy Schools Coalition, 2017-present.
- El Paso Independent School District, School Health Advisory Council, 2015-present.
- Youth volleyball coach, 2016-2018.
- United Way Allocations Panel, 2015, 2016.
- Adventure for Your Future presenter, 2015.
- ACHIEVE/Take Action School Garden Initiative and Healthy Concessions Initiative, 2012-2013.
- Century Elementary School STEM initiatives (Century School Garden and Garden to Your Plate initiative, Century Science Night, and SuperStars Math program), 2011-2013.
- Gearing Up for Kindergarten, 2011.
- Health education at Harambe Health Hour, Family Center Harambe, 2003.
- Expanding Your Horizons presenter (annual career conference for middle school girls), 2002-2004.
- Memorial High School Tutor/Mentor Program for at-risk youth, 1998-2002.
- Ways of Knowing Biology Graduate Student Mentor, 1999-2002.
- Community Education (teaching elementary-high school students, developing programs), 1996-2001.

Selected News Releases, Interviews, and Press Stories Related to Research:

Television and Other Filmed Interviews:

- Interview (in-studio live), KXMB TV, "Can a virus cause obesity?" Bismarck, ND, July, 2010
Interview for ScienCentral, Inc., February, 2006 for distribution to the ABC Network.
Interview with Dr. Sean Kenniff, CBS News, February, 2006.
Interview (in-studio live), WISC-TV, Madison, WI, December, 2004.
Interview, KFOX14 CBS4 News El Paso, February 9, 2015
Interview (in-studio live), EPCC-TV, Mature Living Show, March 3, 2015
Interview, KFOX14 CBS4 News El Paso, December 15, 2015
Interview, KVIA ABC-7 Special Report: Food Deserts, February 25, 2016
Interview, KFOX14 CBS4 News El Paso El Paso, June 29, 2016
Interview, KVIA ABC 7, August 3, 2016 (2 news stories covering an event our center created)
Interview, Entravision Noticias 26, August 3, 2016
Interview, Noticias MVS El Paso / Cd Juarez con Karla Mariscal, August 3, 2016
Interview (in-studio live), KFOX El Paso, May, 2018
Interview (in-studio live), KTSM El Paso, May, 2018
Interview (in-studio live), KTSM Channel 9 El Paso, August 19, 2018
Interview (in-studio live), KFOX El Paso, August 22, 2018,

Radio and Podcast Interviews:

- Interviews for CBC Radio Quirks and Quarks with Bob McDonald and The Paul and Carol Mott Show on Station CFRB 1010, Toronto, February, 2006.
Interview for Wisconsin Public Radio, KCBS Radio San Francisco, and WGST Atlanta, January, 2006.
Interview for Interview with Dr. Michael Robinson, Forest of the Rain Productions, June 26, 2015.
Interviews with KTEP The Weekend show; August 27, 2016; October 28, 2017; March 10, 2018; July 7, 2018; October 20, 2018; January 19, 2019; December, 2020; February 26, 2022.

Other interviews: El Paso Town Square (KLAQ/Kiss FM/KROD), KCBS Radio San Francisco, WGST Atlanta

Newspaper, Magazine, and Website Interviews:

Interview for Health.com with Kate Stinchfield, November, 2008.
Interview for BBC Focus magazine with Jo Carlowe, November, 2008.
Interview for Self Magazine with Jenna Silvi, October, 2008.
Interview for Wall Street Journal with Laura Johannes, August, 2008.
Interview for LA Times with Chris Woolston, May 2008.
Interview for Forbes.com with Allison Van Dusen, July, 2007.
Interview for Reuters Health with Amy Norton, May, 2007.
Interview for AAAS Science Update with Bob Hirshon, March, 2006.
Interview for New York Times Magazine with Robin Henig, February, 2006.
Interviews for newspapers in Bogota, Columbia; Madrid, Spain; Sydney, Australia; and London, England; January-March, 2006.
Additional web coverage of research on ScientificAmerican.com, Discovery.com, WebMD, NBC News, CBS News, Fox News, Reuters, and Telegraph (UK); January-March, 2006.
Interview for Remedy Magazine with Pat Volin, November, 2002.
Interview for Natural Health magazine, May/June 2001.
Interview for Manitoba Cooperator newspaper, February, 2000.
Interview for Endocrinology Advisor, November 7, 2015.
Interview for Food World News, November 17, 2015.
Interview for El Paso Inc., February 6, 2015.
Interview for El Paso Times, February 15, 2015.
Interview for El Paso Times, March 10, 2015.
Interview for El Paso Inc., March 11, 2015.
Interview for El Paso Inc., May 15, 2015.
Interview for El Paso Times, March 10, 2016.
Interview for El Paso Times, August 3, 2016 (2 articles covering an event our center created).
Interview for ConscienHealth, August 4, 2016.
Interview for The Obesity Society eNews, September 14, 2016.
Interview for El Paso Times, October 9, 2016.
Interview for El Paso Herald Post, February 6, 2017.
Interview for El Paso Herald Post, May 21, 2018.
Interview for The Prospect newspaper (El Paso), August, 2018.

Invited newspaper, magazine, or website articles:

El Paso Times, "Paso del Norte Health Foundation: Healthy meals," December 6, 2015.
El Paso Inc., "Need help maintaining New Year's resolutions?," February 26, 2018.
El Paso Inc., "New family cooking program coming to El Paso," March 14, 2018.
ConscienHealth, "Anti-Obesity Partnerships Beyond the Usual Suspects," May 6, 2018
ConscienHealth, "Oh, SNAP – A Food Fight to Open Nutrition 2018," June 10, 2018
ConscienHealth, "A Taste for Health at Nutrition 2018," June 10, 2018
El Paso Inc., "How being active and limiting inactivity differ," September 26, 2018.
El Paso Inc., "How to talk to your healthcare provider about your weight," March 29, 2019.
El Paso Matters, "How El Paso can battle obesity," May 31, 2023.
El Paso Times, "Parent engagement is the cornerstone of effective School Health Advisory Councils," August 31, 2023.

