

KELLY RENEE YLITALO

Assistant Professor of Epidemiology
Health, Human Performance, and Recreation Department
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EDUCATION

- Ph.D. Epidemiological Science (2012)
University of Michigan School of Public Health
Ann Arbor, MI
- M.P.H. Epidemiology (2008)
University of North Texas Health Science Center School of Public Health
Fort Worth, TX
- B.A. Biology (Pre-Medicine), Minor in Medical Humanities (2004)
Baylor University College of Arts and Sciences
Waco, TX

PROFESSIONAL EXPERIENCE

- 2015 – Assistant Professor, Health, Human Performance, and Recreation
Robbins College of Health and Human Sciences
Baylor University, Waco, TX
- 2013 – 2015 Adjunct Professor, Health, Human Performance, and Recreation
Baylor University, Waco, TX
- 2012 – 2013 Post-Doctoral Research Fellowship, Division of Metabolism, Endocrinology, and
Diabetes in the Department of Internal Medicine
University of Michigan Medical School, Ann Arbor, MI
- 2010 – 2011 Research Assistant, Robert Wood Johnson Health and Society Scholars Program,
Center for Social Epidemiology and Population Health
University of Michigan, Ann Arbor, MI
- 2009 Research Assistant, Center for Integrated Approaches to Complex Diseases,
University of Michigan, Ann Arbor, MI

2007 – 2008 Graduate Research Assistant, Center for Community Health
The J. McDonald Williams Institute and UNT Health Science Center, Fort Worth,
TX

TEACHING EXPERIENCE

COURSES

Baylor University

Epidemiology/Vital Statistics [Undergraduate]

(Fall 2017, Spring 2017, Fall 2016, Spring 2016, Fall 2015, Spring 2015, Fall 2014,
Spring 2014, Fall 2013)

Public Health Concepts in Epidemiology [Graduate]

(Spring 2017, Spring 2016, Spring 2015, Spring 2014)

Applied Data Analysis for Epidemiology and Population Health [Graduate]

(Fall 2017)

University of Michigan

AIDS and Other Health Crises, Graduate Student Instructor [Undergraduate]

(Winter 2010, Winter 2009)

Strategies and Uses of Epidemiology, Graduate Student Instructor [Graduate]

(Winter 2011)

Principles and Methods of Epidemiology, Graduate Student Instructor [Graduate]

(Fall 2010)

Chronic Disease Epidemiology, Graduate Student Instructor [Graduate]

(Fall 2009)

University of North Texas Health Science Center

Principles of Epidemiology, Teaching Assistant [Graduate]

(Spring 2008)

Principles of Epidemiology, Tutor [Graduate]

(Spring 2007)

THESIS COMMITTEES

2017 – Chair, Jace Pierce, Master of Public Health Program, Baylor University

2017 – Chair, Brendan Camp, Master of Public Health Program, Baylor University

2016 – Member, Alexa Larsen, Undergraduate Honors Program, Baylor University

2016 – 2017 Member, Alicia Duval, Master of Public Health Program, Baylor University

2016 – 2017 Chair, Jacob Hopgood, Master of Public Health Program, Baylor University

2016 Reader, Meghan Haffey, Undergraduate Honors Program, Baylor University

2015 – 2016 Chair, John Bernhart, Master of Public Health Program, Baylor University

2015 Reader, Kyndall White, Undergraduate Honors Program, Baylor University

2014 Reader, Elysia Garcia, Undergraduate Honors Program, Baylor University

DISSERTATION COMMITTEES

2017 – present Committee Member, Megan McClendon, Baylor University

2016 – present Committee Member, Emilie Cunningham, Baylor University

- 2016 – present Committee Member, Kristina Amrani, Baylor University
2016 – present Committee Member, Stephanie Jernigan, Baylor University
2016 – present Committee Member, Leslie Oglesby, Baylor University

RESEARCH AND SCHOLARSHIP

PUBLICATIONS

Peer-Reviewed Journal Articles (Published)

- 2017 McClendon ME, Umstattd Meyer MR, Ylitalo KR, Sharkey JR. Physical Activity of Mexican-Heritage Youth During the Summer and School-Year: The Role of Parenting Strategies. *J Community Health*. 2017 May 8. doi: 10.1007/s10900-017-0358-z. [Epub ahead of print]
- 2017 Stone K, Sierocki A, Shah V, Ylitalo KR, Horney JA. Conducting Community Health Needs Assessments in the Local Public Health Department: A Comparison of Random Digit Dialing and the Community Assessment for Public Health Emergency Response. *J Public Health Manag Pract* 2017 Jan 30. [Epub ahead of print]
- 2016 Ylitalo KR, Karvonen-Gutierrez CA. Body Mass Index, Falls, and Injurious Falls among U.S. Adults: Findings from the 2014 Behavioral Risk Factor Surveillance System. *Preventive Medicine* 2016;91:217-223. PMID: 27575319.
- 2016 Ylitalo KR, Umstattd Meyer MR, Stone K, Doyle EI, Curtis R. Using the Community Assessment for Public Health Emergency Response (CASPER) to assess barriers to healthy eating and active living in a low-income community. *Evaluation & Program Planning* 2016;59:41-46. PMID: 27586457.
- 2016 McEwen LN, Ylitalo KR, Munson M, Herman WH, Wrobel JS. Foot Complications and Mortality Results from Translating Research Into Action for Diabetes (TRIAD). *J Am Podiatr Med Assoc*. 2016;106(1):7-14. PMID: 26895355.
- 2015 Ylitalo KR, Karvonen-Gutierrez C, McClure C, El Khoudary SR, Jackson EA, Sternfeld B, Harlow SD. Is self-reported physical functioning associated with incident cardiometabolic abnormalities or the metabolic syndrome? *Diabetes Metab Res Rev*. 2016;32(4):413-420. PMID: 26518120.
- 2015 El Khoudary SR, Chen HY, Barinas-Mitchell E, McClure C, Selzer F, Karvonen-Gutierrez C, Jackson EA, Ylitalo KR, Sternfeld B. Simple physical performance measures and vascular health in late midlife women: the Study of Women's Health across the nation. *Int J Cardiol*. 2015;182:115-20. PMID: 25577747.
- 2015 Kim C, Harlow SD, Kong S, Karvonen-Gutierrez C, Ylitalo K, Nan B. Reproductive history and chronic hepatic steatosis in the Michigan Study of Women's Health Across the Nation. *J Womens Health (Larchmt)*. 2015;24(1):42-8. PMID: 25548857.

- 2014 Khan UI, Wang D, Karvonen-Gutierrez CA, Khalil N, Ylitalo KR, Santoro N. Progression from metabolically benign to at-risk obesity in perimenopausal women: a longitudinal analysis of Study of Women Across the Nation (SWAN). *Journal of Clinical Endocrinology & Metabolism* 2014;99(7):2516-25. PMID: 24846534.
- 2014 Odom BD, Mir MC, Hughes S, Senechal C, Santy A, Eyraud R, Stephenson AJ, Ylitalo K, Miocinovic R. Active surveillance for low-risk prostate cancer in African American men: a multi-institutional experience. *Urology* 2014;83(2):364-8. PMID: 24286600.
- 2014 McClure CK, El Khoudary SR, Karvonen-Gutierrez CA, Ylitalo KR, Tomey K, VoPham T, Sternfeld B, Cauley JA, Harlow S. Prospective associations between inflammatory and hemostatic markers and physical functioning limitations in mid-life women: Longitudinal results of the Study of Women's Health Across the Nation (SWAN). *Exp Gerontol* 2014;49:19-25. PMID: 24212137.
- 2013 McEwen LN, Ylitalo KR, Herman WH, Wrobel JS. Prevalence and risk factors for diabetes-related foot complications in Translating Research Into Action for Diabetes (TRIAD). *J Diabetes Complications* 2013;27(6):588-92. PMID: 24035357.
- 2013 Ylitalo KR, Herman WH, Harlow SD. Monofilament insensitivity and small and large nerve fiber symptoms in impaired fasting glucose. *Prim Care Diabetes* 2013;7(4):309-13. PMID: 23896181.
- 2013 Ylitalo KR, McEwen LN, Karter AJ, Lee P, Herman WH. Self-reported physical functioning and mortality among individuals with type 2 diabetes: Insights from Translating Research Into Action for Diabetes. *J Diabetes Complications* 2013;27(6):565-9. PMID: 23891274.
- 2013 Karvonen-Gutierrez CA, Ylitalo KR. Prevalence and correlates of disability in a late middle-aged population of women. *J Aging Health* 2013;25(4):701-17. PMID: 23676712.
- 2013 Ylitalo KR, Karvonen-Gutierrez CA, Fitzgerald M, Zheng H, Sternfeld B, El Kouhoudray S, Harlow SD. Relationship of race/ethnicity, body mass index, and economic strain with longitudinal self-report of physical functioning: The Study of Women's Health Across the Nation. *Annals of Epidemiology* 2013;23(7):401-8. PMID:23694761. NIHMSID: 468930.
- 2013 Ylitalo KR, Herman WH, Harlow SD. Performance-based physical functioning and peripheral neuropathy in a population-based cohort of mid-life women. *American Journal of Epidemiology* 2013;177(8):810-7. PMID: 23524038.
- 2013 Ylitalo KR, Lee H, Mehta NK. Health care provider recommendation, Human Papillomavirus vaccination, and race/ethnicity in the US National Immunization Survey. *American Journal of Public Health* 2013;103(1):164-9. PMID: 22698055.

- 2013 Ylitalo KR, Herman WH, Harlow SD. Serial anthropometry predicts peripheral nerve dysfunction in a community cohort. *Diabetes Metabolism Research and Reviews* 2013;29(2):145-51. PMID: 23161607. NIHMSID: 429924.
- 2013 Mehta NK, Lee H, Ylitalo KR. Child health in the United States: Recent trends in racial/ethnic disparities. *Social Science and Medicine* 2013;95:6-15. PMID: 23034508.
- 2012 Ylitalo AW, Ylitalo KR, Santucci RA. Lack of genitourinary physical examination before urologic consultation – a quality of care issue. *Urology* 2012;80(6):1243-6. PMID: 23206768.
- 2011 Ylitalo KR, Sowers M, Heeringa S. Peripheral vascular disease and peripheral neuropathy in individuals with cardiometabolic clustering and obesity: National Health and Nutrition Examination Survey 2001-2004. *Diabetes Care* 2011;34(7):1642-7. PMID: 21593304. PMCID: PMC3120210.

Conference Proceedings

- 2017 Ylitalo KR, Hopgood J, During C, Limbers C, Lanning B. “Veggie Van”: Nutrition Self-Efficacy of Mobile Produce Market Users. American Public Health Association, November 4-8, 2017, Atlanta, GA. [accepted]
- 2017 McClendon ME, Umstadd Meyer MR, Ylitalo KR, Sharkey J, Bridges C. Physical Activity of Mexican-heritage Children during the Summer and School-year: The Role of Parenting Strategies. Active Living Research. February 26-March 1, 2017.
- 2017 Ylitalo KR, Karvonen-Gutierrez CA, Peng QM. Peripheral Nerve Impairment Predicts Incident Injurious Falls: the SWAN Study (symposium session). International Association of Gerontology and Geriatrics (IAGG)/Gerontological Society of America (GSA), July 23-27, 2017, San Francisco, CA.
- 2017 Stone K, Sierocki A, Shah V, Ylitalo KR, Doyle EI. Using Community Assessment for Public Health Emergency Response (CASPER) for health indicators in distinctly different neighborhoods. Texas Public Health Association (TPHA) Annual Education Conference, March 27-29, 2017, Fort Worth, TX.
- 2017 Doyle EI, Ylitalo KR, Curtis R, Restivo Wollard C, Umstadd Meyer MR, Stone K, Bridges C. Stage Two of the Texas Healthy Communities-Waco Project: Partnership Building beyond Silos. Society for Public Health Education (SOPHE) annual meeting, March 30 - April 1, 2017, Denver, CO.
- 2016 Ylitalo KR, Karvonen-Gutierrez CA. Body Mass Index, Falls, and Injurious Falls among U.S. Adults: Findings from the 2014 Behavioral Risk Factor Surveillance System. Gerontological Society of America, November 16 – 20, 2016, New Orleans, LA.

- 2016 Ylitalo KR, Doyle EI, Landgrave K. Increasing Access to Healthy Food with a “Veggie Van.” American Public Health Association, October 29 – November 2, 2016, Denver, CO.
- 2016 Ylitalo KR, Karvonen-Gutierrez CA. Depression and Falls: Findings from the 2014 Behavioral Risk Factor Surveillance System. Epidemiology Congress of the Americas, July 2016, Miami FL.
- 2016 Ylitalo KR, Karvonen-Gutierrez CA. Why Women Fall: Sex-Specific Correlates of Falling among Adults in the United States. Epidemiology Congress of the Americas, July 2016, Miami FL.
- 2016 Doyle EI, Ylitalo KR, Stone K, Umstadd Meyer MR, Curtis R, Bridges C. Building trust through collaborative partnerships: Promoting physical activity and healthy eating in an underserved central Texas community. Society for Public Health Education (SOPHE) annual meeting, March 30 - April 1, 2016, Charlotte, NC.
- 2016 Bernhart J, Ylitalo KR, Umstadd Meyer MR, Doyle E, Stone K. Family structure and adult physical activity level in a low-income community. American Academy of Health Behavior annual meeting, February 2016, Ponte Vedra Beach, FL.
- 2015 Creighton J, Sumrall J, Ylitalo K. Developing child nutrition education for community center summer camps: Connecting parks and recreation with public health. American Public Health Association annual meeting, October 31- November 4, 2015, Chicago, IL.
- 2014 McEwen LN, Ylitalo KR, Munson M, Herman WH, Wrobel JS. Foot complications and mortality: Results from Translating Research Into Action for Diabetes (TRIAD). American Diabetes Association annual meeting, June 2014, San Francisco, CA.
- 2013 Ylitalo KR, McEwen L, Karter A, Lee P, Herman WH. Physical functioning and mortality among individuals with type 2 diabetes: Insights from Translating Research Into Action for Diabetes. University of Michigan Geriatrics Center Research Symposium, April 2013. Ann Arbor, MI. American Diabetes Association annual meeting, June 2013, Chicago, IL.
- 2012 Mehta NK, Lee H, Ylitalo K. Trends in and determinants of race/ethnic health disparities among U.S. children: Contemporary evidence from the 1997-2009 National Health Interview Survey. Population Association of America Conference, May 2012, San Francisco, CA.
- 2012 Ylitalo KR, Herman WH, Harlow SD. Performance-based physical functioning and peripheral neuropathy in a population-based cohort of mid-life women. University of Michigan Geriatrics Center Research Symposium, April 2012, Ann Arbor, MI. University of Michigan Diabetes Research and Training Center Symposium, May 2012, Ann Arbor, MI. University of Michigan Taubman Medical Research Institute Symposium, October 2012, Ann Arbor, MI.

- 2010 Ylitalo KR, Heeringa S. Lower Extremity Disease among Women with Cardiometabolic Clustering and Obesity. Society for Epidemiologic Research Conference, June 2010, Seattle, WA.
- 2008 Ylitalo KR, Ojha RP, Evans EL, Fischbach LA, Felini MJ. Race-specific predictors of breast cancer risk among screened postmenopausal women in the United States. Society for Epidemiologic Research Conference, June 2008, Chicago, IL.
- 2008 Ylitalo KR, Zhang FF, Lackan N, Cardarelli K. Urbanicity and mammography utilization: How living in an urban or rural area affects mammography screening utilization among women in the United States. Texas Center for Health Disparities Conference, May 2008, Fort Worth, TX. University of North Texas Health Science Center Research Appreciation Day, March 2008, Fort Worth, TX.
- 2007 Cheng B, Villegas D, Jackson R, Ylitalo K, Ransom S, Cardarelli K. Community determinants of infant mortality rates in Fort Worth: An ecologic study. Tarrant County Infant Mortality Task Force Summit, September 2007, Fort Worth, TX.
- 2007 Ylitalo KR, Cardarelli KM, Ojha RP. Premenopausal breast cancer mortality, 1999-2003: Temporal trends of racial and urbanization status disparities. American Public Health Association Conference, November 2007, Washington, DC. Texas Center for Health Disparities Conference, May 2007, Fort Worth, TX. University of North Texas Health Science Center Research Appreciation Day, April 2007, Fort Worth, TX.

Community Briefs and Policy Papers (Non-refereed publications)

- 2016 Ylitalo KR, Doyle EI, Stone K, Myers C, Viso B, Gomez A. Texas Healthy Communities – Waco Project, Phase 2. An Academic-Practice Partnership to Address Healthy Living in South Waco (76706). An online community report for the Waco-McLennan County Public Health District. 2016. Available at: http://www.waco-texas.com/userfiles/cms-healthdepartment/file/Community%20Report%20for%2076706_FINAL.pdf
- 2015 Ylitalo KR, Doyle EI, Stone K, Umstattd-Meyer R, Curtis R, Restivo Wollard C. Texas Healthy Communities – Waco Project. An Academic-Practice Partnership to Address Healthy Living in East Waco (76704). An online community report for the Waco-McLennan County Public Health District. 2015. Available at: http://www.waco-texas.com/userfiles/cms-healthdepartment/file/Community%20Report%20for%2076704_FINAL2.pdf
- 2008 Ylitalo KR, Jackson R, Deviney F, Cardarelli K. Grandparents raising grandchildren: The skipped generation family. *Center for Community Health Research Brief*. 2008.
- 2007 Cardarelli KM, Ylitalo KR, Jackson RS. Policy approaches to health equity: Fundamental determinants and increased diversity. *The Williams Review*. 2007; 2.

- 2007 Cardarelli KM, Ylitalo KR, Jackson RS. The role of a diverse health professions workforce in reducing health disparities. *Center for Community Health Research Brief*. 2007.
- 2007 Ylitalo KR. Introducing a Worthwhile Endeavor: The Center for Community Health. *Primary Care Research Journal*. 2007; 3(4):5-6.
- 2007 Jackson R, Ylitalo K. Healthy Children and Infants. In *Critical Years: Childhood Wellbeing in Dallas County*. A report commissioned by the Dallas Foundation. The J. McDonald Williams Institute. 2007.

INVITED PRESENTATIONS

- 2017 “Epidemiology and Nutrition.” Public Health Nutrition course, Department of Family and Consumer Sciences, Baylor University. April 20, 2017.
- 2017 “Obesity Risk in Early Childhood: The ADVANCE Early Life Cohort.” Waco Family Medicine Residency Program Annual Research Forum. April 18, 2017.
- 2017 “The Texas Healthy Communities - Waco Project: An Academic-Practice Partnership for Local Health Assessment.” Population Health Symposium, Baylor University. March 24, 2017.
- 2016 “Fundamentals of Epidemiology.” Toxicology course, Department of Environmental Science, Baylor University. February 23, 2016; November 10, 2016; February 23, 2017.
- 2013 “Fundamentals of Epidemiology.” Grand Rounds, Department of Urology, Detroit Medical Center. February 2013.

GRANTS AND CONTRACTS

External Support (Received)

- 2017 Ylitalo K, Doyle EI. Waco McLennan County Public Health District. Texas Healthy Communities Project. Total award to Baylor University: \$10,612. 09/01/2017 – 08/31/2018.
- 2016 Ylitalo K, Doyle EI, Umstadd Meyer R. Waco McLennan County Public Health District. Texas Healthy Communities-Waco Assessment Project: Phase 2. Total award to Baylor University: \$11,512. 01/01/2016 – 07/31/2016.
- 2015 Doyle EI, Ylitalo K, Umstadd Meyer R. Waco McLennan County Public Health District. Texas Healthy Communities-Waco Assessment Project: Phase 1. Total award to Baylor University: \$7,190. 01/01/2015 – 07/31/2015.

External Support (Submitted)

- 2017 Ylitalo KR. Physical activity in underserved populations: Using epidemiologic assessment to inform sustainable intervention. National Institutes of Health, K01 Mentored Research Scientist Career Development Award (PA-16-190). Total requested: \$627,582 [submitted June 9, 2017; under review].
- 2015 Ylitalo K, Hess M. The Veggie Van: Removing Barriers to Healthy Eating in a Low-Income Community. Robert Wood Johnson Foundation Healthy Eating Research. Total requested: \$49,425.60 [Not funded].

Internal Support (Received)

- 2017 Ylitalo KR. Baylor University 2017 Summer Sabbatical.
- 2016 Ylitalo KR, Doyle EI, Umstattd Meyer MR. Community and worksite physical activity assessment: Pilot data to inform the Waco Family Health Center Wellness Center initiative. Baylor University Research Committee. Total award: \$4,080. 12/15/2016 – 05/31/2017.
- 2016 Ylitalo K (Principal Investigator). The Veggie Van: Removing Barriers to Healthy Eating in a Low-Income Community. Baylor University Research Committee. Total award: \$4,500. 12/15/2015 – 5/31/2016.

SERVICE

Professional

- 2017 – Look AHEAD Physical Functioning Interest Group Committee Member, Action for Health in Diabetes study
- 2016 – Conference Abstract Reviewer, American Association of Health Behavior
- 2016 – Conference Abstract Reviewer, American Public Health Association
- 2016 – Ad-Hoc Reviewer, *Annals of Epidemiology* (1 manuscript)
- 2016 – Ad-Hoc Reviewer, *Journal of Aging and Health* (1 manuscript)
- 2016 – Ad-Hoc Reviewer, *Gerontology and Geriatric Medicine* (1 manuscript)
- 2015 – Ad-Hoc Reviewer, *Family & Community Health* (1 manuscript)
- 2013 – Ad-Hoc Reviewer, *Vaccine* (1 manuscript)
- 2012 – Physical Functioning Committee Member, Study of Women’s Health Across the Nation

University

- 2016 – 2017 – Epidemiology Search Committee, HHPR department, Baylor University
- 2015 – Graduate Research Seminar (HP 6V70), HHPR department, Baylor University
- 2015 – Professional Seminars in Public Health (HED 5001), HHPR department, Baylor University
- 2015 – Public Health Strategic Planning Committee, Baylor University
- 2015 – MPH program materials, Baylor University
- 2015 – Parent-Faculty Coffee event, Family Weekend at Baylor University
- 2010 – Organizer, Doctoral Student Seminar, University of Michigan School of Public Health

- 2009 – 2010 Doctoral Student Representative to Epidemiology Doctoral Committee, University of Michigan School of Public Health
- 2007 – 2008 Co-chair, National Public Health Week, University of North Texas Health Science Center

Community

- 2017 – Board Member, Waco Family Abuse Center
- 2015 Grants for Gardens submission for Waco Montessori School, Waco, TX. Total Requested: \$2,500 [Not funded].
- 2015 – Live Well Waco coalition

Religious Congregation

- 2014 – Harris Creek Baptist Church, McGregor, TX.

FELLOWSHIPS AND AWARDS

- 2015 Faculty Honoree, Phi Kappa Chi Light Your World Banquet, Baylor University (Nominated by Kyndall White, Baylor University student).
- 2011 Rackham Graduate School Dissertation Fellowship, University of Michigan
- 2008 Outstanding MPH Student in Epidemiology, UNT Health Science Center School of Public Health
- 2008 National Public Health Honor Society, Delta Omega Induction, Alpha Sigma Chapter
- 2008 Third Place Poster Presentation Competition, 3rd Annual Texas Conference on Health Disparities
- 2007 Outstanding Public Health Student 2006-2007, Public Health Student Association, UNT Health Science Center School of Public Health
- 2006 Essay Contest Winner/APHA Travel Scholarship Recipient, Public Health Student Association, UNT Health Science Center School of Public Health

PROFESSIONAL TRAINING AND FACULTY DEVELOPMENT

- 2016 Grant Writing Workshop, Office of the Vice Provost for Research, Baylor University
- 2015 – Rising Stars Program, Office of the Vice Provost for Research, Baylor University
- 2015 – Provost Faculty Forums, Baylor University
- 2015 “Teaching Graduate Students.” Baylor University Graduate Faculty Development, 10/29/2015
- 2012 Invited Participant, Structural Equation Modeling (SEM) workshop, Emerging Scholars Interdisciplinary Network, University of Michigan Center for Statistical Consultation and Research
- 2010 Invited Participant, Preparing Future Faculty Program, Center for Research on Learning and Teaching, University of Michigan