**Allan Tate**

**CURRICULUM VITAE**

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**EDUCATION**

*University of Minnesota, Twin Cities*

PhD Epidemiology, March 2019

Dissertation Title: “Mass Disasters and Global Child Health in the Demographic and Health Surveys”

*University of Minnesota, Twin Cities*

MPH Epidemiology, July 2014

*University of South Carolina, Columbia*

BS International Business and Accounting, May 2006

**PROFESSIONAL EXPERIENCE**

August 2019 – Assistant Professor

*Epidemiology and Biostatistics, University of Georgia, Athens, Georgia*

March 2019 – Postdoctoral Associate

*Family Medicine and Community Health, Minneapolis, Minnesota*

August 2014 – February 2019,Graduate Research Assistant

*Family Medicine and Community Health, Minneapolis, Minnesota*

August 2012 – August 2018,Graduate Research Assistant

*Minnesota Population Center, Minneapolis, Minnesota*

April 2011 – June 2012,Merchandise Planning Manager, Dry Grocery

*Target Corporation, Minneapolis, Minnesota*

June 2010 – April 2011,Merchandise Planning Operations Manager, SWAT

*Target Corporation, Minneapolis, Minnesota*

April 2009 – June 2010,Back-to-School/Seasonal, Sr. Analyst III

*Target Corporation, Minneapolis, Minnesota*

March 2007 – April 2009,Sr. Business Analyst, Girls’ Apparel

*Target Corporation, Minneapolis, Minnesota*

October 2006 – March 2007,Assistant Account Executive

*DRAFTFCB, New York, New York*

**RESEARCH INTERESTS**

Social Determinants of Health; Structural Racism and Discrimination; Geospatial Health Risk Factors; Health in Conflict and Disaster Settings; Cardiometabolic Health; Stress, Mental Health, and Trauma

**PEER REVIEWED PUBLICATIONS**

1. Trofholz, A., **Tate, A.D.**, Telke, S., Loth, K.A., Buchanan, G., & Berge, J. (2022). Associations between Weight Talk and Biopsychosocial Outcomes in Children from Racially/Ethnically Diverse Households. *Journal of Child and Family Studies.*
2. Eichenbaum, A. & **Tate, A.D.** (2022). Health Inequity in Georgia during the COVID-19 Pandemic: An ecological analysis assessing the relationship between county-level race and economic polarization using the Index of Concentration at the Extremes (ICE) and SARS-CoV-2 cases, hospitalizations and deaths in Georgia as of October 2020. *Health Equity*, *6*(1), 230-239.
3. Fertig, A.R., Trofholz, A.C., Loth, K., **Tate, A.D.**, Miner, M., Neumark-Sztainer, D., Westfall, E.C., Westby, A. & Berge, J.M. (2021). Kitchen Adequacy and Child Diet Quality in a Racially/Ethnically Diverse Sample. *Ecology of Food and Nutrition.*, 1-9.
4. Buchanan, G.J., **Tate, A.D.**, Loth, K.A., Trofholz, A.C., & Berge, J.M. (2021). CHAOS in the home environment and child weight-related outcomes. *The Journal of the American Board of Family Medicine*, *34*(6), 1163-1173.
5. Trofholz, A., **Tate, A.D.**, Janowiec, M., Fertig, A., Loth, K., de Brito, J. N., & Berge, J. (2021). Ecological Momentary Assessment of Weight-Related Behaviors in the Home Environment of Children from Low-Income and Racially and Ethnically Diverse Households: Development and Usability Study. *JMIR Research Protocols*, *10*(12), e30525.
6. **Tate, A.D.**, Trofholz, A., Miner, M., & Berge, J.M. (2021). Days needed to characterize the healthfulness of a typical dinner meal in direct observational research: mixed methods study. *JMIR Pediatrics and Parenting*, *4*(1), e22541.
7. Berge, J. M., Cheatom, O., Fertig, A. R., **Tate, A.D.**, Trofholz, A., Brito, J. N., & Shippee, N. (2021). Examining the Relationship Between Parental Stress and Girls’ and Boys’ Physical Activity Among Racially/Ethnically Diverse and Immigrant/Refugee Populations. *Pediatric Exercise Science*, *1*(aop), 1-6.
8. Loth, K.A., Mohamed, N., Trofholz, A.C., **Tate, A.D.**, & Berge, J.M. (2020). Associations between parental perception of-and concern about-child weight and use of specific food-related parenting practices. *Appetite*, *160*, 105068.
9. **Tate, A.D.**, Telke, S., Trofholz, A.C., Miner, M.H., & Berge, J.M. (2020). Stressed out!: Examining family meal decisions in response to daily stressors via ecological momentary assessment in a racially/ethnically diverse population. *Preventive Medicine Reports*, 20, 101251*.*
10. Trofholz, A.C., **Tate, A.D.**, Keithahn, H., de Brito, J.N., Loth, K.A., Fertig, A., & Berge, J.M. (2020). Family Meal Characteristics in Racially/Ethnically Diverse and Immigrant/Refugee Households by Household Food Security Status: A Mixed Methods Study. *Appetite*, 105000.
11. de Brito, J.N., Loth, K.A., **Tate, A.D.**, & Berge, J.M. (2020). Associations Between Parent Self-Reported and Accelerometer-Measured Physical Activity and Sedentary Time in Children: Ecological Momentary Assessment Study. *JMIR mHealth and uHealth*, *8*(5), e15458.
12. Wirthlin, R., Linde, J.A., Trofholz, A.C., **Tate, A.D.**, Loth, K.A., Berge, J.M. (2020). Associations between Parent and Child Physical Activity and Eating Behaviors in a Diverse Sample: An Ecological Momentary Assessment Study. *Public Health Nutrition*, *23*(15), 2728.
13. Loth, K.A., **Tate, A.D.**, Trofholz, A.C., Fisher, J.O., Miller, L., Neumark-Sztainer, D., & Berge, J.M. (2020). Ecological Momentary Assessment of the Snacking Environments of Children from Racially/Ethnically Diverse Households. *Appetite*, *145*, 104497.
14. Loth, K.A., **Tate, A.D.**, Trofholz, A.C., Fisher, J.O., Neumark-Sztainer, D., & Berge, J.M. (2020). The Contribution of Snacking to Overall Diet Intake among an Ethnically and Racially Diverse Population of Boys and Girls. *Journal of the Academy of Nutrition and Dietetics*, *120*(2), 270-279.
15. Trofholz, A.C., Telke, S., Loth, K., **Tate, A.D.**, & Berge, J.M. (2019). Examining predictors of watching television during family meals in a diverse sample. *Journal of Nutrition Education and Behavior, 51*(9), 1113-1120.
16. Jennings, K., Loth, K., **Tate, A.D.**, Berge, J.M., & Miner, M.H (2019). Application of latent class analysis to define subgroups of parenting styles and food parenting practices. *Appetite*, *139*, 8-18.
17. Berge, J.M., Beebe, M., Smith, M.C.M, **Tate, A.D.**, Trofholz, A.C., & Loth, K. (2019). Ecological Momentary Assessment of the Breakfast, Lunch, and Dinner Family Meal Environment in Racially/Ethnically Diverse and Immigrant Households. *Journal of Nutrition Education and Behavior*, *51*(6), 658-676.
18. Trofholz, A.C., **Tate, A.D.**, Berge, J.M., Neumark-Sztainer, D., & Loth, K. (2019). Watching Television While Eating: Associations with Dietary Intake and Weight Status Among a Diverse Sample of Young Children. *Journal of the Academy of Nutrition and Dietetics*, *119*(9), 1462-1469.
19. Berge, J.M., Telke, S., **Tate, A.D.**, & Trofholz, A.C. (2019). Utilizing a Family Board Game Task to Measure Family and Parenting Factors and Childhood Obesity Risk in Diverse Households: A Direct Observational Study. *Journal of Nutrition Education and Behavior*, *51*(4), 419-431.
20. Fertig, A., Trofholz, A.C., Loth, K., **Tate, A.D.**, Miner, M., Neumark-Sztainer, D., & Berge, J.M. (2019). Compared to Pre-prepared Meals, Fully and Partly Home-cooked Meals in Diverse Families with Young Children are More Likely to Include Nutritious Ingredients. *Journal of the Academy of Nutrition and Dietetics*, *119*(5), 818-830.
21. **Tate, A.D.** (2019). Mass Disasters and Global Child Health in the Demographic and Health Surveys. Retrieved from the University of Minnesota Digital Conservancy, http://hdl.handle.net/11299/202917.
22. Trofholz, A.C., **Tate, A.D.**, Fulkerson, J.A., Hearst, M.O., Neumark-Sztainer, D., & Berge, J.M. (2018). Description of the home food environment in Black, White, Hmong, Latino, Native American and Somali homes with 5–7-year-old children. *Public Health Nutrition*, 1-12.
23. Berge, J.M., Fertig A., **Tate, A.D.**, Trofholz, A.C., & Neumark-Sztainer, D. (2018). Who is Meeting the Healthy People 2020 Objectives?: Comparisons between Racially/Ethnically Diverse and Immigrant Children and Adults. *Families, Systems, and Health*, 36(4), 451.
24. Berge, J.M., **Tate, A.D.**, Trofholz, A.C., Loth, K., Miner, M., Crow, S., & Neumark-Sztainer, D. (2018). Examining Variability in Parent Feeding Practices within a Low-income, Racially/Ethnically Diverse, and Immigrant Population Using Ecological Momentary Assessment. *Appetite*, 127, 110-118. doi:https://doi.org/10.1016/j.appet.2018.04.006
25. Trofholz, A.C., **Tate, A.D.**, & Berge, J.M. (2018). An exploration of the frequency, location, and content of parents' health-and weight-focused conversations with their children and associations with child weight status. *Eating Behaviors*, 29, 137-143.
26. Berge, J.M., **Tate, A.D.**, Trofholz, A.C., Fertig, A., Crow, S., Neumark-Sztainer, D., & Miner, M. (2018). Examining within- and across-day relationships between transient and chronic stress and parent food-related parenting practices in a racially/ethnically diverse and immigrant population: Stress types and food-related parenting practices. *International Journal of Behavioral Nutrition and Physical Activity*, 15(1), 7. doi:10.1186/s12966-017-0629-1
27. Berge, J.M., **Tate, A.D.**, Trofholz, A.C., Fertig, A. R., Miner, M., Crow, S., & Neumark-Sztainer, D. (2017). Momentary parental stress and food-related parenting practices. *Pediatrics*. doi:10.1542/peds.2017-2295
28. Berge, J.M., Trofholz, A.C., **Tate, A.D.**, Beebe, M., Fertig, A., Miner, M., Crow, S., Culhane-Pera, K.A., Pergament, S., & Neumark-Sztainer, D. (2017). Examining unanswered questions about the home environment and childhood obesity disparities using an incremental, mixed-methods, longitudinal study design: The Family Matters Study. *Contemporary Clinical Trials*. doi:10.1016/j.cct.2017.08.002
29. Trofholz, A.C., **Tate, A.D.**, Miner, M.H., & Berge, J.M. (2017). Associations between TV viewing at family meals and the emotional atmosphere of the meal, meal healthfulness, child dietary intake, and child weight status. *Appetite*, 108, 361-366.
30. Trofholz, A.C., **Tate, A.D.**, Draxten, M.L., Rowley, S.S., Schulte, A.K., Neumark-Sztainer, D., MacLehose, R.F., & Berge, J.M. (2017). What's being served for dinner? An exploratory investigation of the associations between the healthfulness of family meals and child dietary intake. *Journal of the Academy of Nutrition and Dietetics*, *117*(1), 102-109. doi:10.1016/j.jand.2016.08.006
31. Berge, J.M., Hanson-Bradley, C., **Tate, A.D.**, & Neumark-Sztainer, D. (2016). Do parents or siblings engage in more negative weight-based talk with children and what does it sound like? A mixed-methods study. *Body Image*, 18, 27-33. doi:10.1016/j.bodyim.2016.04.008
32. Berge, J.M., **Tate, A.D.**, Trofholz, A.C., Conger, K., & Neumark-Sztainer, D. (2016). Sibling eating behaviours and parental feeding practices with siblings: similar or different? *Public Health Nutrition*, 19(13), 2415-2423. doi:10.1017/S1368980016000860
33. **Tate, A.D.**, Trofholz, A.C., Rudasill, K.M., Neumark-Sztainer, D., & Berge, J.M. (2016). Does child temperament modify the overweight risk associated with parent feeding behaviors and child eating behaviors?: An exploratory study. *Appetite*, 101, 178-183.
34. Oakes, J.M., Fuchs, E.L., **Tate, A.D.**, Galos, D.L., & Biyoow, I.M. (2016). How should we improve neighborhood health? Evaluating evidence from a social determinant perspective. *Current Epidemiology Reports*. doi:10.1007/s40471-016-0072-x
35. Trofholz, A.C., **Tate, A.D.**, Draxten, M.L., Neumark-Sztainer, D., & Berge, J.M. (2016). Home food environment factors associated with the presence of fruit and vegetables at dinner: A direct observational study. *Appetite*, 96, 526-532. doi:10.1016/j.appet.2015.10.019
36. Coleman, J.D., **Tate, A.D.**, Gaddist, B., & White, J. (2016). Social determinants of HIV-related stigma in faith-based organizations. *American Journal of Public Health*, 106(3), 492-496. doi:10.2105/AJPH.2015.302985

**INVITED PRESENTATIONS**

*National*

1. Berge, J.M. & **Tate, A.D.** Heterogeneity of Obesity in Children from Diverse Households: Using Machine Learning to Inform Intervention Targets. *NIH Obesity Research Task Force Symposium: Moving Beyond BMI: Exploring the Heterogeneity of Obesity*, May, 2022.

**PEER-REVIEWED PRESENTATIONS**

1. Carr, C., **Tate, A.D.**, Kunin-Batson, A., Troy, M.F., Berge, J.M. Discrimination, Harassment and Neighborhood Correlates with Child BMI Percentile. *The Obesity Society*, November, 2021. Oral Presentation.
2. Routh, B., **Tate, A.D.**, Trofholz, A., & Berge, J.M. Family Structure and Children's Food Behaviors. *National Council on Family Relations*, November, 2021. Poster and Oral Presentation.
3. Trofholz, A., Loth, K., Fertig, A., **Tate, A.D.**, & Berge, J.M. Associations between stress and parent feeding practices in the context of food insecurity: A mixed methods investigation. *Labroots Conference*, September, 2021. Poster and Oral Presentation.
4. de Brito, J., Loth, K., Fertig, A., Trofholz, A., **Tate, A.D**., & Berge, J.M. Description of the Food Purchasing Behaviors of Families Enrolled in SNAP and other Assistance Programs. *Labroots Conference*, September, 2021. Poster and Oral Presentation.
5. Agarwal, S., Fertig, A., Trofholz, A., **Tate, A.D.**, Robinson, J., Berge, J.M. Neighborhood Food Environment, Household Food Insecurity, and Child Weight-Related Outcomes. *Labroots Conference*, September, 2021. Poster and Oral Presentation.
6. Shaughnessy, C., de Brito, J.N., **Tate, A.D.**, Trofholz, A.C., Berge, J.M. The Intergenerational Effects of Parental Adverse Childhood Experiences on Child Physical Activity and Sedentary Behaviors: A cross-sectional study. *International Society of Behavioral Nutrition and Physical Activity*, June 2021.Oral Presentation.
7. **Tate, A.D.**, Trofholz, A.C., de Brito, J.N., Fertig, A., Loth, K.A., & Berge, J.M. Ecological Momentary Assessment Respondent Burden in a Child Nutrition and Physical Activity Study. *International Society of Behavioral Nutrition and Physical Activity*, June 2020.Oral Presentation.
8. de Brito, J.N., Loth, K.A., **Tate, A.D.**, & Berge, J.M. Associations Between Parent Self-Reported and Accelerometer-Measured Physical Activity and Sedentary Time in Children: Ecological Momentary Assessment Study. *International Society of Behavioral Nutrition and Physical Activity*, June 2020.Oral Presentation.
9. de Brito, J.N.**,** Trofholz A.C., Loth, K.A., **Tate, A.D.**, Fertig, A., Berge, J.M. Quantitative and Qualitative Assessment of Family Meal Behaviors by Food Security Status among Racially/Ethnically Diverse Families. *International Society of Behavioral Nutrition and Physical Activity*, June 2020. Poster Presentation.
10. Mohamed, N.A., Trofholz, A., **Tate, A.D.**, Loth, K., & Berge, J.M. A Look at the Association between Parent Feeding Practices and Perception/Concern of Child Weight Mediated by Child Sex and Race/Ethnicity. *Annual Medical Education Conference*, April 2019. Poster Presentation.
11. Loth, KA, **Tate, A.D.**, Fisher, J.O., Neumark-Sztainer, D., & Berge, J.M. Sex Differences in the Association Between Snacking and Overall Child Dietary Intake. *University of Minnesota Women’s Health Research Conference*, October 2018. Poster Presentation. Recognized with a poster presentation award in the faculty category.
12. Garcia, S., **Tate, A.D.**, Vu, K. Depressive Symptoms and Mortality: Investigating the Role of Mediators and Moderators. *Annual Meeting of the Population Association of America*, April 2018. Oral Presentation.
13. Wirthlin, R., Berge, J.M., Linde, J.A.L., Trofholz A., & **Tate, A.D.** Parent Modeling of Physical Activity/Eating Behaviors and Associations with Child Physical Activity/Eating Behaviors Among Different Racial/Ethnic Groups. *University of Minnesota Student Research Day*, April, 2018. Poster Presentation.
14. Mohamed, N.A., Trofholz, A., **Tate, A.D.**, Berge, J, M. Family Food Environments: Effect of Family Meal Frequency on Dietary Intake and BMI in Racially/Ethnically Diverse Groups of Young Children. *Annual Medical Education Conference*, San Francisco, CA, March, 2018. Poster Presentation. Recognized with a student poster presentation award.
15. Trofholz, A., **Tate, A.D.**, Fulkerson, J., Hearst, M., Neumark-Sztainer, D., & Berge, J. Family Meals Then and Now: A Qualitative Investigation of Intergenerational Transmission of Family Meal Practices in a Racially/Ethnically Diverse and Immigrant Population. *Minnesota Council of Family Relations*, New Brighton, MN, December, 2017. Poster Presentation.
16. **Tate, A.D.**, Cowan, L., Ogilvie, R., Appiah, D., & Capistrant, B.D. (2017). Social Determinants of Diabetes and Disease Management in Low and Middle-Income Countries: Evidence from the Study on Global Ageing and Adult Health. *Annual Meeting of the Population Association of America*, Chicago, IL. April, 2017. Oral Presentation.
17. **Tate, A.D.** (2017)**.** Childrearing Practices and Son Preference in Political Conflict Settings: New Findings from the Palestinian Family Study, 2010. *Annual Meeting of the Population Association of America*, Chicago, IL. April, 2017. Poster Presentation.
18. **Tate, A.D.** (2016)**.** Childrearing Practices and Son Preference in Political Conflict Settings: New Findings from the Palestinian Family Study, 2010. *Inequality and Methods Workshop*, Minnesota Population Center. September, 2016. Oral Presentation.
19. **Tate, A.D.**, Trofholz, A.C., Garcia, S., & Goldsmith, E. (2016). Demographic and Dietary Correlates of Cognitive Functioning and Physical Disability at Advanced Age: Evidence from the Costa Rican Longevity and Healthy Aging Study. *Annual Meeting of the Population Association of America*, Washington, DC. March, 2016. Oral Presentation.
20. **Tate, A.D.**, Coleman, J., Fisher, C., & Irwin, J. (2014). Predictors of HIV Testing among Rural Gay and Bisexual Men. *Annual Meeting of the American Public Health Association*, New Orleans, LA. November, 2014. Oral Presentation.
21. Coleman, J., **Tate, A.D.**, & Gaddist, B. (2013). HIV Stigma in Faith-Based Settings. *Annual Meeting of the American Public Health Association*, Boston, MA. November 2013. Oral Presentation.

**ONGOING SPONSORED PROJECTS**

NIH 1RO1 AT12164

NCCIH

Berge (PI); Role: Site PI

04/08/2022 – 01/31/2027

**Multi-level predictors of structural racism and discrimination and associations with health and well-being across the life course in diverse families**

This multi-site (Twin Cities, MN, and Athens, GA) study will examine multiple levels (i.e., individual, neighborhood, societal/policy) of structural racism and discrimination and associations with mental, physical, and behavioral health outcomes across the life course to identify intervention targets to promote health equity.

FP00027218

Partnership for Inclusive Innovation

Tate (PI)

07/01/2022-09/30/2023

**The Athens Community Climate Resilience Project through Technology and Transportation Innovation**

A community-based, climate resilience intervention study through the deployment of transportation and communications technology to mitigate community harm caused by extreme weather events in partnership with Athens-Clarke County local government.

NIH R61 HL151978-01

NHLBI

Berge (PI); Role: Co-I

04/01/2021 – 03/31/2026

**Reducing Childhood Obesity Using Ecological Momentary Intervention (EMI) and Video Feedback at Family Meals**

This three-arm individual randomized controlled trial aims to reduce childhood obesity disparities in minority and low-income children ages 5-8 (n=510) by increasing family meal quality (i.e., diet quality, interpersonal atmosphere) and quantity (i.e., family meal frequency). Innovative methodology (e.g., ecological momentary assessment (EMI), video feedback) will be used in partnership with primary care clinics and Community Health Workers. The three arms include: (1) EMI; (2) EMI+Home Visiting (HV); and (3) EMI+HV+Video Feedback.

FA701419CA031

US Department of Air Force

O’Neal (PI); Role: Co-I

9/1/2019-8/31/24

**Financial Readiness Program Evaluation Development**

A prospective evaluation study to assess the effectiveness of an Air Force-administered, financial readiness education intervention. This intensive longitudinal study examines domains of airmen financial knowledge at major career events and across life stages.

A009156401

Robert Wood Johnson Foundation

Bryant (PI); Role: Co-I

12/15/20-12/14/23

**Examining Associations between Poor Marital Functioning and Stress Eating Behaviors that Exacerbate Weight Loss**

This experimental study examines associations between poor marital functioning, affect, and stress eating behaviors in a population of African Americans (n=150). The experiment tests the effect of two competing interventions 1) PREP, Prevention & Relationship Enhancement Program and 2) a Virtual Reality (VR) Exposure to Nature to examine treatment effects on marital functioning, affect, and stress eating using pre-/post-intervention survey methodologies and ecological momentary assessment to identify novel intervention strategies among high-risk groups.

R01 HL160587-01

NHLBI

Berge (PI); Role: Co-I

04/01/2021-03/31/2026

**Examining Pathways Between Food Insecurity and Cardiometabolic Health in Diverse Children and Adolescents**

This prospective study aims to understand how cardiometabolic risk arises from food insecurity during childhood and identify malleable factors for intervention to buffer the negative health impact of food insecurity on adolescent’s CMH. The study leverages an established cohort of racially/ethnically diverse children from low-income households (n=627) participating in a prospective, longitudinal study examining childhood obesity disparities (HL126171: Berge PI).

R01 HL156994

NHLBI

Berge (PI); Role: Co-I

09/01/2021-08/31/2026

**Examining How Psychosocial Stress Gets "Under the Skin" and Leads to Cardiometabolic Disease Risk in Diverse Children: A Mixed-Methods Study**

This innovative mixed-methods study will examine how stress gets “under the skin” during childhood and leads to obesity and emerging cardiometabolic disease risk (CMR). This study has two main components including an epidemiological cohort study (n=1307) with an embedded ecological momentary assessment sub-sample (n=627) with parent/child (ages 5-15) dyads. The main aims of the study are to: (1) comprehensively examine the pathways through which multi-level psychosocial stressors, biological factors, and behavioral factors interact to influence weight and emerging CMR in childhood and adolescence and (2) identify modifiable factors to disrupt these pathways and inform multi-level interventions.

**R01 HL135359**

**NHLBI**

**Ahn (PI)**; Role: Co-I

**07/01/2021-06/30/2022**

**The Virtual Fitness Buddy Ecosystem: Using Digital Technology to Promote and Sustain Moderate-to-Vigorous Intensity Physical Activity in Children**

**This group randomized trial administered at the school level tests an interactive virtual health intervention that leverages a child’s existing social capital by embedding technology to promote sustainable lifestyle change. The ecosystem is designed to effect the internalization of physical activity benefits through self-determined goals and vicarious experiences using the pilot-tested, proprietary Virtual Fitness Buddy (VFB) Ecosystem.**

**UNFUNDED SPONSORED PROJECTS**

NIH 1U01DE031579-01

NIHMD

Wieling (PI); Role: Co-I

09/01/2022-08/31/2027

**Testing the Effectiveness and Implementation of Multi-level Evidence-Based Trauma and Parenting Interventions to Address Health Disparities in Latinx Immigrant Families**

The proposed study addresses health disparities in trauma-affected Latinx immigrant families by testing the effectiveness of a culturally-adapted parenting intervention that aims to prevent and ameliorate the adverse individual and relational effects of traumatic stress and immigration stressors. A culturally adapted telehealth parenting intervention will be implemented to improve parenting practices and child mental health and behavioral outcomes. A multifaceted implementation strategy (telehealth and technology enhanced task-sharing) targeted at transferring knowledge and skills to local Latinx community therapists and paraprofessionals will be employed to enhance program adoption and build local community capacity and inform scalability efforts in future studies.

GRANT13399642

CDC

Tate (PI)

09/01/2021-08/31/2026

 **A Comprehensive Program to Increase Flash Flood Resilience in Long Term Care Facilities in the State of Georgia**

The program targets flash flood preparedness and health pathways in Georgia long-term care facilities. It also includes a separate all-state, epidemiologic spatial flood risk re-assessment in Georgia to provide public and private sector guidance on emerging regional flooding hazards. The program aim is to 1) assess pre-/post-knowledge acquisition and comprehension of a new hazard-specific program offering, 2) evaluate the effectiveness of a new hazard-specific educational program in virtual and in-person conditions, and 3) quantify dose-response intervention effects on knowledge uptake and emergency preparedness using a longitudinal study design. The statewide study aim is to disseminate a public-use flood risk data product and regional reports to the council coordinator regions and archive reporting for general public consumption.

NIH 1R01CA270540-01

VanDellen (PI)

04/01/2022-03/31/2027

**A Process Based Investigation of Quitting Support Across Dual and Single-Smoker Couples**

The proposed study recruits 320 partnered (same or opposite sex) smokers who are ready to quit. An equal number of dual-smoker and single-smoker couples will be targeted. Both the smoker and their partner will be recruited for the study. During a baseline session, we will assess smoking history, motivational factors, relationship factors, and past support experiences. Following baseline, couples will be followed via dyadic ecological momentary assessment (EMA) involving 4 randomly timed observations/day and 1 end of day observation for 40 days. Momentary assessments will capture standard cues for smoking (e.g., affect, smoking restrictions), motivational and relationship predictors, support provision/receipt, and smoking/quitting behaviors.

**COMPLETED SPONSORED PROJECTS**

National Institutes of Health NHLBI R01: Addressing Unanswered Questions about the Home Environment and Childhood Obesity Disparities. A two-phased mixed-methods study to examine risk and protective factors for childhood obesity in the home environment of diverse families. State-of-the art measurements including ecological momentary assessment and observational methods are used in combination with community-based participatory research methods. 12/1/14-11/30/19. R01HL126171 (Tate, Co-Investigator; Berge, PI).

National Institutes of Health, NICHD R03: The Association Between Family Meals and Child Health and Well-Being. Secondary data analysis using direct observational data to examine important unanswered methodological and analytical questions regarding the quality of family meals, both in regard to meal dietary healthfulness and the emotional atmosphere at the meal. 1/1/16-12/31/18. R03HD084897

(Tate, Analyst; Berge, PI)

National Institutes of Health NHLBI R56: Sib-Works. An ancillary study to examine parent feeding behaviors with more than one child in the home. 09/20/13-9/19/14. R56HL116403

(Tate, Analyst; Berge, PI)

National Institutes of Health NIDDK R21: Risk and Protective Factors for Childhood Obesity in the Home Food Environment. A mixed-methods study including direct observations of family meals and the home food environment of families of children ages 6-12 years to identify risk and protective factors for childhood obesity. 4/1/12-3/31/14. 1R21DK091619-01A1

(Tate, Analyst; Berge, PI)

**SERVICE AND PUBLIC OUTREACH**

Reviewer, *Childhood Obesity*

Reviewer, *Journal of Rural Mental Health*

Reviewer, *Preventive Medicine Reports*

Reviewer, *Jornal de Pediatria*

Abstract Reviewer, *HIV/AIDS Section, American Public Health Association*

**HONORS AND AWARDS**

* + - * 2020 Journal of Nutrition Education and Behavior top 3 best article finalist for “Ecological Momentary Assessment of the Breakfast, Lunch, and Dinner Family Meal Environment in Racially/Ethnically Diverse and Immigrant Households”
			* 2017 J.B. Hawley Student Research Competitive Grant Award – $7,267
			* 2017 Minnesota Population Center Population Studies Training Program Alumnus
			* 2012 UMN Medtronic Healthcare Case Competition – First Place, $1,000 scholarship award
			* 2012 Target Corporation Golden Financial Performance
			* 2011 Target Corporation Annual Upward Leadership Score: 96% – Outstanding
			* 2010 Target Corporation Merchandise Operations SVP Leadership Excellence Award
			* 2008 Target Corporation Division Contingency Planning Award

**PROFESSIONAL MEMBERSHIPS**

* Society for Epidemiologic Research
* National Council on Family Relations
* American Public Health Association
* Population Association of America