

## Katie Burford

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School of Public Health  
Michael & Susan Dell Center for Healthy Living  
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### CURRENT TITLE AND AFFILIATIONS

#### Graduate Research Assistant

Michael & Susan Dell Center for Healthy Living  
The University of Texas Health Science Center at Houston (UTHealth), Austin, Texas  
Project: *Evaluating the Effects of Municipal Funding of Safe Routes to School Infrastructure on Child Physical Activity: A Natural Experiment*  
Grant number: NICHD/NIH R01HD097669. Hoelscher, Deanna (PI)

### EDUCATION

- 2020-        **Ph.D., Epidemiology**  
              Minors: Biostatistics, Behavioral Science  
              The University of Texas Health Science Center at Houston (UTHealth)  
              School of Public Health, Austin, Texas
- 2020        **M.S., Exercise Science**  
              The University of Texas at Austin, Austin, Texas
- 2016        **B.S., Public Health**  
              The University of Texas at Austin, Austin, Texas

### PROFESSIONAL EXPERIENCE

- 2018-2020    **Graduate Research Assistant**  
              Exercise & Sports Psychology Lab  
              Department of Kinesiology and Health Education  
              The University of Texas at Austin, Austin, Texas
- 2017        **Research Assistant**  
              Kaeske Law Firm, Austin, Texas
- 2016-2017    **Health Center Assistant**  
              Planned Parenthood, Austin, Texas
- 2014-2015    **Undergraduate Research Assistant**  
              Exercise & Sports Psychology Lab  
              Department of Kinesiology and Health Education  
              The University of Texas, Austin, Texas  
              Project: *Building the Evidence Base for Physically Active Lessons in Elementary Schools.*  
              Grant number: NICHD R01HD070741. Bartholomew, John (PI).
- 2014-2015    **Medical Research Assistant**  
              Austin Ortho and Biologics, Austin, Texas

## FELLOWSHIPS

- 2021-2022     UHealthLeads Fellowship
- 2021-           Fellow of the Equity and Resilience Workgroup for the Physical Activity Policy Research Network (PAPREN)

## HONORS & AWARDS

- 2021           International Society of Physical Activity and Health Mini-Oral Presentation Trainee Award
- 2021           Aurelia Murphy Killian Endowment in Public Health
- 2020           UHealth Fall 2020 Outstanding New Student Scholarship Award, University of Texas Health Science Center (UHealth)
- 2012-2016     Big 12 Commissioner's Honor Roll
- 2014-2016     The University of Texas Provost Award
- 2013-2016     Academic All-Big 12, First Team (Cross Country, Track and Field)
- 2015           USTFCCCA All-Academic Team

## ADDITIONAL TRAINING

- 2021           Introduction to GIS. Summer Statistics Institute. Department of Statistics and Data Sciences. The University of Texas at Austin. May 24-27, 2021.

## PUBLICATIONS

- 1) Ganzar, L.A., Salvo, D., **Burford, K.**, Zhang, Y., Kohl, H.W., III; Hoelscher, D.M. (2022). Longitudinal Changes in Objectively-Measured Physical Activity and Sedentary Time Among School-Age Children in Central Texas, US During the COVID-19 Pandemic. *International Journal of Behavioral Nutrition and Physical Activity*.
- 2) Lanza, K., **Burford, K.**, Ganzar, L.A. (2022). Who travels where: Behavior of pedestrians and micromobility users on transportation infrastructure. *Journal of Transport Geography*. 98:103269.
- 3) **Burford, K.**, Ganzar, L.A., Lanza, K., Kohl, H.W., III, Hoelscher, D.M. School-Level Economic Disparities in Police-Reported Crimes and Active Commuting to School. (2021) *Int. J. Environ. Res. Public Health* 2021, 18, 10885. <https://doi.org/10.3390/ijerph182010885>
- 4) **Burford, K.**, Golaszweski, N., & Bartholomew, J.B. (2021). "I shy away from them because they are very identifiable": A qualitative study exploring user and non-user's perceptions of wearable activity trackers. *Digital Health*.
- 5) **Burford, K.**, Gillepsie, K., Bartholomew, J.B., Jowers, E. (2021). Children's Enjoyment, Perceived Competency, and Physical Activity During High-Intensity Interval Training in Physical

Education. *Research Quarterly for Exercise and Sport*. DOI: 10.1080/02701367.2021.1925207. ISSN:2168-38245.

- 6) Errisuriz, V.L., Dooley, E.E., **Burford, K.**, Johnson, A.M., Jowers E., & Bartholomew, J.B. (2021). Quality of Process Impacts Fourth Grade Students' Participation in Physically Active Academic Lessons. *Prevention Science*.
- 7) **Burford, K.**, Dooley, E., Lanza, K., & Knell, G. (2020). Associations of Urbanicity and Sociodemographic Characteristics with Protective Health Behaviors and Reasons for Leaving the Home During COVID-19. *Health Psychology Bulletin*, 4(1), 53.  
<https://doi.org/10.5334/hpb.24>
- 8) Knell, G., Robertson, M. C., Dooley, E. E., **Burford, K.**, & Mendez, K. S. (2020). Health Behavior Changes During COVID-19 Pandemic and Subsequent "Stay-at-Home" Orders. *International Journal of Environmental Research and Public Health*, 17(17), 6268.  
<https://doi.org/10.3390/ijerph17176268>

## PROFESSIONAL PRESENTATIONS

### *Oral presentations*

**Burford, K.**, Zhang, Y., Bartholomew, J.B. Gender differences in enjoyment for types of physical activity in children. *International Society for Physical Activity and Health (ISPAH) Congress*. Online. October 2021.

**Burford, K.**, Ganzar, LA., Lanza, K. Associations of Reported Crime and Children's Active Commuting to School: The Safe TRavel Environments Evaluation in Texas Schools Study. *Active Living Conference*. A Virtual Learning and Engagement Event, United States. Online. April 2021.

Golaszweski, N.M., **Burford, K.**, & Bartholomew, J.B. A Qualitative Study Exploring Perceptions Surrounding Devices in Wearable Users and Non-wearable Users. *Society of Behavioral Medicine*. April 2018. New Orleans, LA, USA.

### *Poster presentations*

**Burford, K.**, Durand, C., Zhang, Y., Gabriel, K.P., Knell, G., Kohl, Kohl, H.W., III. Associations Between Psychosocial Factors and Transit-Use Status: The Houston Travel-Related Activities in Neighborhoods Study. *ISBNPA*. May 2022. Phoenix, AZ, USA.

**Burford, K.**, Dooley, E., Lanza, K., Knell, G. Associations of Urbanicity and Sociodemographic Characteristics with Protective Health Behaviors and Reasons for Leaving the Home during COVID-19. *St. David's CHPR 19th Annual Conference, Health Promotion in the COVID-19 Era*. February 2021. Austin, TX, USA.

**Burford, K.**, Bartholomew, J.B, & Jowers, E. Autonomy Increases Children's Enjoyment of High-Intensity Interval Training During Physical Education. *American College of Sports Medicine*. May 2020. San Francisco, CA, USA. (Conference cancelled).

**Burford, K.,** Bartholomew, J.B, & Golaszewski, N.M. A Qualitative Study Exploring Perceptions Surrounding Devices in Wearable Users and Non-wearable Users. Society of Behavioral Medicine. April 2018. New Orleans, LA, USA.

## TEACHING EXPERIENCE

YEAR	COURSE NAME	ROLE	MODE	LEVEL	# of SECTIONS
<i>The University of Texas at Austin</i>					
2019-2020	Sports Psychology	TA	In-person	Undergraduate	1
2019	UGS: Physical Activity and Public Health	TA	In-person	Undergraduate	1
2019	Maymester: Sport, Society, and The International Olympic Movement. Lausanne, Switzerland	TA	In-person	Undergraduate	1
2018-2019	Physical Education	Instructor	In-person	Undergraduate	5
2018	Exercise Physiology	TA	In-person	Undergraduate	1
<i>UTHealth School of Public Health</i>					
2021	Physical Activity and Health: Epidemiology and Mechanisms	TA	In-person	Graduate	5

## PROFESSIONAL SERVICE

### *External service*

### **Board membership**

2020- Bike Austin Board Member, Austin, Texas

### **Ad-Hoc peer review**

2021 Translational Journal of Behavioral Medicine

### *Other service activities*

2021-2022 UTHealth Peer MentorSHIP: Students Helping to Inspire Progress program as a Peer Mentor for 2021 - 2022.

2021-2022 Social Chair for the Student Advisory Board, UTHealth School of Public Health in Austin

2020- Physical Activity Policy Research Network, Member of the Equity and Resilience Work Group

2012-2016      NCAA Division I Student-Athlete, University of Texas Women's Cross Country/  
Track and Field Teams

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

2019-            American College of Sports Medicine (ACSM)

2021-            International Society for Physical Activity and Health (ISPAH)