JESS GRAVES

BIOSTATISTICIAN

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ABOUT ME

Senior biostatistician excited by building and executing quality research programs that leverage statistical techniques to produce interpretable and clinically impactful results.

EDUCATION

University of Texas, Austin
BA, Anthropology

2007-2010

University of Pittsburgh
MS, Biostatistics
MS, Epidemiology

2016-2020

EXPERTISE

Protocol development

Statistical analysis plans

Report & manuscript writing

Cross-functional team work

Project management

EXPERIENCE

Senior Data Scientist — Jan 2022 - Present
Data Scientist — Nov 2021 - Jan 2022

Cellular Longevity, Inc. DBA Loyal

Develop statistical analysis plans for pivotal effectiveness clinical trials in companion dogs. Analyze preclinical and clinical data for FDA/CVM study reports. Lead and optimize inter-departmental workflow to maximize success of research studies.

Statistician — Jun 2020 - Nov 2021

University of Pittsburgh Medical Center

Analyzed features of sleep, substance use, and physiological measures of stress and their association with a variety of health outcomes in cross-sectional, longitudinal, and prospective cohort studies. Developed analysis plans, wrote reports and manuscripts.

Graduate Student Researcher — Aug 2018 - May 2020

Center for Aging and Population Health, University of Pittsburgh

Developed physical activity data tracking protocol for the Study of Muscle Mobility and Aging. Received clinical impact award for analysis of physical activity and health in older adults.

SELECTED PUBLICATIONS

Sleep & Circadian Rhythms

Graves JL, …, Glynn NW (2021) Profiles of Accelerometry-Derived Physical Activity are Related to Perceived Physical Fatigability in Older Adults. *Sensors*, 21 (5).

Hasler BP, Graves JL.,… (2022). Preliminary Evidence That Circadian Alignment Predicts Neural Response to Monetary Reward in Late Adolescent Drinkers. *Frontiers in neuroscience*, 39.

Companion Dogs

Chen FL, …, Graves JL, … (2022). Evaluating instruments for assessing healthspan: a multi-center cross-sectional study on health-related quality of life (HRQL) and frailty in the companion dog. *bioRxiv*.

See Google Scholar profile for more publications.