

Peter T. Tanksley

POSTDOCTORAL FELLOW

Population Research Center, University of Texas at Austin

✉ peter.tanksley@austin.utexas.edu

Education

Population Research Center, University of Texas at Austin

Texas, USA

POSTDOCTORAL FELLOWSHIP

2020-Present

- Topic: Social Science Genomics/Epigenetics
- PI: Kathryn Paige Harden, PhD

University of Cincinnati

Ohio, USA

PHD, CRIMINAL JUSTICE

2020

- Dissertation: From age to aging: Biological age and its role in the criminal career.
- Chair: JC Barnes, PhD

University of Texas at San Antonio

Texas, USA

MS, CRIMINAL JUSTICE & CRIMINOLOGY

2016

- Thesis: Differential susceptibility in successful psychopathy
- Advisor: Jamie Newsome, PhD

University of Texas at San Antonio

Texas, USA

BA, CRIMINAL JUSTICE

2014

- Internship: Secret Service, San Antonio Field Office
- Minor: Biology

Research Concentrations

Applied Statistical Analysis
Biopsychosocial Criminology
Criminological Theory

Developmental/Life-course Criminology
Health Criminology/Aging
Sociogenomics

Statistical Software & Programming

MAC OS X, WINDOWS, R, & STATA

Proficient

PLINK AND OTHER TERMINAL-BASED PROGRAMS FOR BIOINFORMATICS

Experienced

Advanced Training

INTERNATIONAL STATISTICAL GENETICS WORKSHOP

2021

- Institute for Behavioral Genetics
- University of Colorado-Boulder

GENOMICS FOR SOCIAL SCIENTISTS WORKSHOP-EPIGENETICS

2021

- Institute for Social Research
- University of Michigan

INTRODUCTION TO BEHAVIOR GENETICS WORKSHOP

2020

- GESIS
- Leibniz Institute for the Social Sciences

GENOMICS FOR SOCIAL SCIENTISTS WORKSHOP

2019

- Institute for Social Research
- University of Michigan

Publications

*Impact factors (2-year) as of 2021/2022

2023

Raffington, Laurel A.S., **Peter T. Tanksley**, Liza Vinnik, Aditi Sabhlok, Megan Patterson, Travis T. Mallard, Margherita Malanchini, Ziada Ayorech, Elliot M. Tucker-Drob, and K. Paige Harden (2021).

“Socially stratified DNA-methylation profiles are associated with disparities in child and adolescent mental health.” *Clinical Psychological Science* (Accepted). Impact factor: 7.169.

Wertz, Jasmin, Terrie E. Moffitt, Louise Arseneault, J.C. Barnes, Michel Boivin, David L. Corcoran, Andrea Danese, Robert J. Hancox, HonaLee Harrington, Renate M. Houts, Stephanie Langevin, Hexuan Liu, Richie Poulton, Karen Sugden, **Peter T. Tanksley**, Benjamin S. Williams, and Avshalom Caspi.

“Genetic associations with parental investment from conception to wealth inheritance: 30,000 parents in six cohorts”. *Nature Human Behavior*. Impact factor: 24.252.

2022

Langevin, Stephanie, Ashalom Caspi, J.C. Barnes, Grace Brennan, Richie Poulton, Suzanne C. Purdy, Sandhya Ramrakha, **Peter T. Tanksley**, Peter R. Thorne, Graham Wilson, and Terrie E. Moffitt.

“Life-course persistent antisocial behavior and accelerated biological aging in a longitudinal birth cohort.” *The International Journal of Environmental Research and Public Health*, 19, 14402. Impact factor: 4.614.

Raffington, Laurel A.S., **Peter T. Tanksley**, Aditi Sabhlok, Liza Vinnik, Travis T. Mallard, Lucy King, Bridget Goosby, K. Paige Harden, and Elliot M. Tucker-Drob.

“Socially stratified epigenetic profiles are associated with cognitive functioning in children and adolescents.” *Psychological Science*, 34(2), 170-185. Impact factor: 7.029.

Liu, Hexuan, **Peter T. Tanksley**, Ryan T. Motz, Rachel M. Kail, and J.C. Barnes.

“Incarceration, polygenic risk, and depressive symptoms among males in late adulthood.” *Social Science Research*, 104, 102683. Impact factor: 2.617.

2021

Liu, Hexuan, Ryan T. Motz, **Peter T. Tanksley**, J.C. Barnes, and Kathleen Mullan Harris.

“Adolescent criminal justice involvement, educational attainment, and genetic inheritance: Testing an integrative model using the Add Health data.” *Journal of Developmental & Life-Course Criminology*, 7 (2), 195-228. Impact factor: 2.222.

2020

Tanksley, Peter T., J.C. Barnes, Brian Boutwell, Avshalom Caspi, and Terrie E. Moffitt.

“Identifying pathways to polyvictimization: Evidence from a Longitudinal Cohort Study of Twins from the United Kingdom.” *Journal of Experimental Criminology*, 16 (3), 431-461. Impact factor: 3.701.

2019

Barnes, J.C., Hexuan Liu, Ryan T. Motz, **Peter T. Tanksley**, Rachel M. Kail, Amber L. Beckley, Daniel W. Belsky, Benjamin W. Domingue, Terrie E. Moffitt, Travis C. Pratt, and Jasmin Wertz.

“The propensity for aggressive behavior and lifetime incarceration risk: A test for gene-environment interaction (G×E) using whole-genome data.” *Aggression & Violent Behavior*, 49, 101307. Impact Factor: 4.874

Tanksley, Peter T., Ryan T. Motz, Rachel M. Kail, J.C. Barnes, and Hexuan Liu.

“The genome-wide study of human social behavior and its application in sociology.” *Frontiers of Sociology*, 4(53): 1-10.

Motz, Ryan M., **Peter T. Tanksley**, Hexuan Liu, Tesfaye B. Mersha, and J.C. Barnes.

“Every contact leaves a trace: Contact with the criminal justice system, life outcomes, and the intersection with genetics.” *Current Opinion in Psychology*, 27: 82-87. Impact factor: 6.813.

Preprints/Under Review

Tanksley, P. T., Matthew W. Logan, and J.C. Barnes.

“History of incarceration and age-related cognitive impairment: Testing models of genetic and environmental risk in later life.” *MedRxiv*. Under review at *PLOS ONE*. Impact factor: 3.75.

Tanksley, P. T., Brislin, S. J., Wertz, J., de Vlaming, R., Courchesne-Krak, N. S., Mallard, T. T., Raffington, L. T., Karlsson Linner, R., Koellinger, P., Palmer, A., Sanchez-Roige, A., Waldman, I., Dick, D., Moffitt, T. E., Caspi, A., and Harden, K. P. (2023).

“Do polygenic indices capture “direct” effects on child externalizing behavior? within-family analyses in two longitudinal birth cohorts.” *MedRxiv*. Under review at *PNAS*. Impact factor: 12.779.

Williams, Camille, Holly E. Poore, **Peter T. Tanksley**, Hyeokmoon Kweon, Diego Londono-Correa, Richard Linnér, Travis T. Mallard, and the Externalizing Consortium.

Guidelines for Evaluating the Comparability of Down-Sampled GWAS Summary Statistics.” *bioRxiv*. Under review at *Behavior Genetics* (revise & resubmit). Impact factor: 2.965.

Barnes, J.C., Terrie E. Moffitt, **Peter T. Tanksley**, Shahin Tasharrofi, Richie Poulton, and Avshalom Caspi.

Using risk of crime detection to study changes in processes of decision-making. Under review at the *Journal of Personality and Social Psychology* (revise & resubmit). Impact factor: 8.460.

In Progress

Tanksley, Peter T., Daniel W. Belsky, and J.C. Barnes.

“Evidence of accelerated aging among Americans with a history of incarceration.”

Tanksley, Peter T., J.C. Barnes, Avshalom Caspi, and Terrie E. Moffitt.

“Early criminal justice contact and biological aging: Extending the health criminology hypothesis.”

Tanksley, Peter T.

“The incarceration experience and biological aging: Evidence from the Midlife in the United States (MIDUS) study.”

Presentations

Academic Conferences

2022

Tanksley, Peter T., Sarah J. Brislin, Jasmin Wertz, Travis T. Mallard, and K. Paige Harden.

“Identifying genetic and environmental pathways for the development of externalizing behavior using within-family genomic data.” Paper presented at the annual conference for the Behavior Genetics Association, June, Los Angeles, CA.

2021

Tanksley, Peter T. and J.C. Barnes.

“Early Criminal Justice Contact and Accelerated Biological Aging Throughout Adulthood.” Paper presented at the annual conference for the American Society of Criminology, November, Chicago, IL.

Tanksley, Peter T.

“Evidence of Accelerated Aging Among Americans with a History of Incarceration.” Paper presented at the annual conference for the American Society of Criminology, November, Chicago, IL.

Tanksley, Peter T.

“Evidence of Accelerated Aging Among Americans with a History of Incarceration.” Paper presented virtually at the annual conference for Integrating Genetics and Social Sciences, October, Boulder, CO.

2020

Tanksley, Peter T.

“Aging out: Biological age and its role in the criminal career.” Paper and poster presented virtually at the annual conference for Integrating Genetics and Social Sciences, October, Boulder, CO.

2019

Tanksley, Peter T.

“Identifying psychological pathways to polyvictimization.” Paper presented at the annual conference for the American Society of Criminology, November, San Francisco, CA.

Barnes, J.C., **Peter T. Tanksley**, and Terrie E. Moffitt.

“Perceptions of punishment risk from adolescence to middle adulthood.” Paper presented at the annual conference for the American Society of Criminology, November, San Francisco, CA.

Tanksley, Peter T., and Jorim J. Tielbeek, for the Broad Antisocial Behavior Consortium.

“A new genome-wide association study of antisocial behavior: Expanding the BroadABC.” Paper presented at the annual conference for the American Society of Criminology, November, San Francisco, CA.

Tanksley, Peter T., and Jorim J. Tielbeek, for the Broad Antisocial Behavior Consortium.

“A new genome-wide association study of antisocial behavior: Expanding the BroadABC.” Paper and poster presented at the annual conference for Integrating Genetics and Social Sciences, October, Boulder, CO.

2018

Tanksley, Peter T., Ryan T. Motz, Hexuan Liu, J.C. Barnes, Brian Boutwell, Avshalom Caspi, and Terrie E. Moffitt.

“Victimization and the effects of cognitive traits: A discordant MZ-twin approach.” Paper presented at the annual conference for the American Society of Criminology, November, Atlanta, GA.

Liu, Hexuan, **Peter T. Tanksley**, Ryan T. Motz, and J.C. Barnes. “Incarceration risk, genetic inheritance, and depression over the life-course.” Paper and poster presented at the annual conference for Integrating Genetics and Social Sciences, October, Boulder, CO.

2017

Tanksley, Peter T. and J.C. Barnes.

“Geri-paths: Testing the effects of age on neurophysiological functioning in psychopathic individuals.” Paper presented at the annual conference for the American Society of Criminology, November, Philadelphia, PA.

2016

Tanksley, Peter T. and Jamie Newsome.

“Differential susceptibility in psychopathic subtypes: The role of genetic plasticity in the development of successful psychopaths.” Poster presented at the annual conference for the American Society of Criminology, November, New Orleans, LA.

2015

Tanksley, Peter T., Jamie Newsome, and James V. Ray.

“Genetic and environmental influences on the relationship between callous-unemotional traits and delinquency.” Poster presented at the annual conference for the American Society of Criminology, November, Washington, D.C.

Invited Talks

2023

“The biosocial lens.” Presented to the Correctional Systems and Practices undergraduate course for the School of Criminal Justice and Criminology, Texas State University, San Marcos, TX, USA.

“The role of environmental factors in a genetic predictor of externalizing behavior: Evidence across development in two UK-based cohorts.” Presented at the Open Research Meeting, hosted by the Externalizing Consortium (virtual).

“The role of environmental factors in a genetic predictor of externalizing behavior: Evidence across development in two UK-based cohorts.” Presented to the Department of Sociology, Purdue University, West Lafayette, IN, USA.

2022

“Direct genetic effects are the primary drivers of externalizing genetics during development.” Presented to the Biosocial Working Group, University of Texas at Austin, Cincinnati, OH, USA.

2021

“Crime and biological aging.” Presented to the School of Social Sciences, University of Bialystok, Bialystok, Poland.

2019

“Research discussion: ‘Identifying pathways to polyvictimization.’” Presented to the “Criminal Justice Research Methods” course at the University of Cincinnati, Cincinnati, OH, USA.

2018

“Criminogenomics: The study of crime in a postgenomic era.” Presented to the “Introduction to Criminological Theory” course at the University of Cincinnati, Cincinnati, OH, USA.

“Geri-paths: Testing the effects of age on neurophysiological functioning in psychopathic individuals.” Presented at the Research + Innovation Week at the University of Cincinnati, Cincinnati, OH, USA.

Funding

Graduate study and faculty research mentoring grant (\$1000)

COLLEGE OF EDUCATION, CRIMINAL JUSTICE, & HUMAN SERVICES, UNIVERSITY OF CINCINNATI

2020

Research fellowship grant (\$1200)

GRADUATE STUDENT GOVERNMENT ASSOCIATION, UNIVERSITY OF CINCINNATI

2020

Graduate student research grant (\$2500)

SCHOOL OF CRIMINAL JUSTICE, UNIVERSITY OF CINCINNATI

2018

Ad Hoc Reviewer

Journal of Developmental & Life-course Criminology

Journal of Research in Crime & Delinquency

Molecular Psychiatry

Social Science & Medicine

Youth & Society

Teaching

Instructed

Introduction to Criminology

Criminal Justice Research Methods

Assisted/Facilitated (*=Distance Learning)

Criminal Justice Statistics

Correctional Rehabilitation*

Police Effectiveness*

Advanced Crime Analysis*

Policing in America*

Introduction to Crime Mapping*

Seminal in Criminal Justice*

Professional Service

Field

2019

Outstanding Contribution Award Committee (Member), Division of Biopsychosocial Criminology, American Society of Criminology

Affiliations

AMERICAN SOCIETY OF CRIMINOLOGY	2015-Present
EXTERNALIZING CONSORTIUM	2020-Present
BEHAVIOR GENETICS ASSOCIATION	2022-Present