

Peter T. Tanksley

POSTDOCTORAL FELLOW
ALERRT Center, Texas State University
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Employment

Advanced Law Enforcement Rapid Response Training (ALERRT) Center, Texas State University	Texas, USA
POSTDOCTORAL FELLOWSHIP	2024-Present
<ul style="list-style-type: none">• Topic: Eye-tracking in Police Active Shooter Training• PI: M. Hunter Martaindale, PhD	
Population Research Center, University of Texas at Austin	Texas, USA
POSTDOCTORAL FELLOWSHIP	2020-2024
<ul style="list-style-type: none">• Topic: Social Science Genetics/Epigenetics• PI: K. Paige Harden, PhD	

Education

University of Cincinnati	Ohio, USA
PHD, CRIMINAL JUSTICE	2020
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Thesis: Differential susceptibility in successful psychopathy• Advisor: Jamie Newsome, PhD	
University of Texas at San Antonio	Texas, USA
BA, CRIMINAL JUSTICE	2014
<ul style="list-style-type: none">• Internship: Secret Service, San Antonio Field Office• Minor: Biology	

Research Concentrations

Applied Statistical Analysis	Developmental/Life-course Criminology
Biopsychosocial Criminology	Health Criminology/Aging
Criminological Theory	Sociogenomics

Publications

2024
<p>Tanksley, Peter T., Sarah J. Brislin, Jasmin Wertz, Ronald de Vlaming, Natasia S. Courchesne-Krak, Travis T. Mallard, Laurel A. S. Raffington, Richard Karlsson Linner, Philipp Koellinger, Abraham A. Palmer, Sandra Sanchez-Roige, Irwin Waldman, Danielle Dick, Terrie E. Moffitt, Avshalom Caspi, & K. Paige Harden. “Do polygenic indices capture “direct” effects on child externalizing behavior? Within-family analyses in two longitudinal birth cohorts.” <i>Clinical Psychological Science</i> (accepted).</p> <p>Barnes, J.C., Terrie E. Moffitt, Peter T. Tanksley, Shahin Tasharrofi, Richie Poulton, & Avshalom Caspi. “Using Risk of Crime Detection to Study Change in Mechanisms of Decision-Making.” <i>Journal of Personality and Social Psychology</i>, 126(3), 477–491.</p>

Willems, Yayouk E., Abby deSteiguer, **Peter T. Tanksley**, Liza Vinnik, Deniz Främke, Aysu Okbay, David Richter, Gert G. Wagner, Ralph Hertwig, Philipp D. Koellinger, Elliot M. Tucker-Drob, K. Paige Harden, & Laurel A.S. Raffington.

“Self-control is associated with health-relevant disparities in buccal DNA-methylation measures of biological aging in older adults.” *Clinical Epigenetics*, 16 (22).

2023

Tanksley, Peter T., Matthew W. Logan, & J.C. Barnes.

“History of incarceration and age-related neurodegeneration: Testing models of genetic and environmental risks in a longitudinal panel study of older adults.” *PLoS ONE*, 18 (12): e0288303.

Williams, Camille M., Holly Poore, **Peter T. Tanksley**, Hyeokmoon Kweon, Natasia S. Courchesne-Krak, Diego Londono-Correa, Travis T. Mallard, Peter Barr, Philipp D. Koellinger, Irwin D. Waldman, Sandra Sanchez-Roige, K. Paige Harden, Abraham A Palmer, Danielle M. Dick, & Richard Karlsson Linnér.

“Guidelines for evaluating the comparability of down-sampled GWAS summary statistics.” *Behavior Genetics*, 53, 404–415.

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

“Socially stratified DNA-methylation profiles are associated with disparities in child and adolescent mental health.” *Clinical Psychological Science*, 34 (2), 170–185.

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, & Avshalom Caspi.

“Genetic associations with parental investment from conception to wealth inheritance: 30,000 parents in six cohorts.” *Nature Human Behavior*, 7, 1388–1401.

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, & 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(21), 14402.

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

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

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

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

2021

Liu, Hexuan, Ryan T. Motz, **Peter T. Tanksley**, J.C. Barnes, & 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.

2020

Tanksley, Peter T., J.C. Barnes, Brian Boutwell, Avshalom Caspi, & 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.

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, & 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.

Tanksley, Peter T., Ryan T. Motz, Rachel M. Kail, J.C. Barnes, & 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, & 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.

Preprints/Under Review

Wooldredge, John, Joshua C. Cochran, **Peter T. Tanksley**.

“Cumulative disadvantages in the processing of prison rule violators?” Under review at *Journal of Criminal Justice*.

deSteiguer, Abby, **Peter T. Tanksley**, Laurel A.S. Raffington, Elliot M. Tucker-Drob, & K. Paige Harden.

“Stability of DNA-methylation profiles of biological aging in children and adolescents.” *Biorxiv*. Under review at *Child Development*.

In Progress

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

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

Tanksley, Peter T., J.C. Barnes, Avshalom Caspi, & 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.”

Tanksley, Peter T., Matthew W. Logan, & J.C. Barnes.

“Loneliness and social isolation as mediators of incarceration and age-related cognitive decline: A test of social support theory in a nationally representative sample of older Americans.”

Del Toro, Juan, Laurel A.S. Raffington, Muna Aikins, Aditi Sabhlok, **Peter T. Tanksley**, Elliot M. Tucker-Drob, & K. Paige Harden.

“Associations of neighborhood and school racial contexts with child and adolescent DNA-methylation profiles and their mental health and academic adjustment.”

Tanksley, Peter T. (lead analyst), & the Externalizing Consortium.

“Multivariate GWAS of externalizing behaviors in ~3M individuals of European and African ancestries.”

Preregistration: <https://osf.io/7pfgj/>

Schwaba, Ted, **Peter T. Tanksley** (analyst), & the Revived Genomics of Personality Consortium.

Presentations

Academic Conferences

2023

Tanksley, Peter T.

“The incarceration experience, health, and biological aging: Evidence from the Midlife in the United States (MIDUS) study.” Paper presented at the annual conference for the American Society of Criminology, November, Philadelphia, PA.

Tanksley, Peter T., Matthew W. Logan, & J.C. Barnes.

“History of incarceration and age-related neurodegeneration: Testing models of genetic and environmental risks in a longitudinal panel study of older adults.” Paper presented at the annual conference for the American Society of Criminology, November, Philadelphia, PA.

2022

Tanksley, Peter T., Sarah J. Brislin, Jasmin Wertz, Travis T. Mallard, & 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. & 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**, & 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., & 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., & 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, & 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, & 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. & 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. & 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, & 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

“Linking incarceration and health: A tale of three models” 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 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.

Awards

Early Career Award

AMERICAN SOCIETY OF CRIMINOLOGY

- Division of Biopsychosocial Criminology

2023

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

Criminal Justice & Behavior	Molecular Psychiatry
Epigenetics	Social Science & Medicine
Journal of Development & Life-course Criminology	Youth & Society
Journal of Research in Crime & Delinquency	

Statistical Software & Programming

MAC OS X, WINDOWS, R (PRIMARY), & STATA	Proficient
PLINK AND OTHER TERMINAL-BASED PROGRAMS FOR BIOINFORMATICS	Experienced

Advanced Training

INTERNATIONAL STATISTICAL GENETICS WORKSHOP	2021
<ul style="list-style-type: none">Institute for Behavioral GeneticsUniversity of Colorado-Boulder	
GENOMICS FOR SOCIAL SCIENTISTS WORKSHOP-EPIGENETICS	2021
<ul style="list-style-type: none">Institute for Social ResearchUniversity of Michigan	
INTRODUCTION TO BEHAVIOR GENETICS WORKSHOP	2020
<ul style="list-style-type: none">GESISLeibniz Institute for the Social Sciences	
GENOMICS FOR SOCIAL SCIENTISTS WORKSHOP	2019
<ul style="list-style-type: none">Institute for Social ResearchUniversity of Michigan	

Teaching

Instructed

- Introduction to Criminology
- Criminal Justice Research Methods

Assisted/Facilitated (*=Distance Learning)

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| Criminal Justice Statistics | Policing in America* |
| Correctional Rehabilitation* | Introduction to Crime Mapping* |
| Police Effectiveness* | Seminal in Criminal Justice* |
| Advanced Crime Analysis* | |

Professional Service

Field

Outstanding Contribution Award Committee (Member)

AMERICAN SOCIETY OF CRIMINOLOGY	2019
• Division of Biopsycosocial Criminology	

Affiliations

AMERICAN SOCIETY OF CRIMINOLOGY	2015-Present
EXTERNALIZING CONSORTIUM	2020-Present
BEHAVIOR GENETICS ASSOCIATION	2022-Present
REVIVED GENOMICS OF PERSONALITY CONSORTIUM	2023-Present