

## Curriculum Vitae

### Jamie M. Gajos, Ph. D.

218 Child Development Research Center, The University of Alabama, Tuscaloosa, AL  
(205) 348-2534 | jmgajos@ua.edu

#### EDUCATION & TRAINING

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- 2017-2019      Postdoctoral Fellowship, Prevention and Methodology Training Program supported by award T32 DA017629 (National Institute on Drug Abuse)  
The Methodology Center and Edna Bennett Pierce Prevention Research Center  
The Pennsylvania State University  
State College, PA
- 2017              Ph.D., Criminology and Criminal Justice  
Florida State University  
Tallahassee, FL
- 2013              M.S., Criminology and Criminal Justice  
Florida State University  
Tallahassee, FL
- 2011              B.S., Criminology and Criminal Justice; Psychology  
Florida State University  
Tallahassee, FL

#### CURRENT POSITION

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- 2019 -Present      Assistant Professor  
Human Development & Family Studies  
The University of Alabama  
Tuscaloosa, AL

#### PREVIOUS POSITIONS

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- 2017 -2019      Postdoctoral Fellow, Prevention and Methodology Training Program  
The Methodology Center and Edna Bennett Pierce Prevention Research Center  
The Pennsylvania State University  
State College, PA
- 2011-2017      Graduate Teaching Assistant  
College of Criminology and Criminal Justice  
Florida State University  
Tallahassee, FL

## RESEARCH INTERESTS

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Developmental psychopathology  
Individual differences  
Within-person processes  
Substance use  
Preventative interventions

## ACTIVE PROJECTS (FUNDED)

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**K01DA054262** (PI: Gajos)  
NIH/NIDA

04/01/2022 – 03/31/2027

*Momentary Geospatial, Psychological, and Behavioral Risk for Substance Use in Young Adults Under Criminal Justice Supervision*

This project investigates substance use risk with geographically-explicit ecological momentary assessment data and risk terrain modeling to develop a just-in-time adaptive intervention to reduce substance use in young adults enrolled in drug treatment court.

Role: PI

## PUBLICATIONS (REFEREED JOURNALS; $n = 22$ , $h$ -index = 8)

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**Gajos, Jamie M.**

2022 Children's Dopaminergic Genotype is Associated with Maternal Reports of Household Chaos during Middle Childhood. *Journal of Child and Family Studies*. Forthcoming

**Gajos, Jamie M.**, Lindsay Leban, Bridget B. Weymouth, and Karen L. Cropsey

2022 Sex Differences in the Relationship between Early Adverse Childhood Experiences, Delinquency, and Substance Use Initiation in High-Risk Adolescents. *Journal of Interpersonal Violence*. Forthcoming.

**Gajos, Jamie M.**, Yan Luo, Kun Wang, and Hee Yun Lee

2022 Self-Rated Health and Mental Health Among African Americans in the Rural South: The Influence of Social Determinants of Health and Race-Related Stressors. *Journal of Health Care for the Poor and Underserved*. Forthcoming.

**Gajos, Jamie M.**, Chelsea R. Miller, Lindsay Leban, and Karen L. Cropsey

2022 Adverse Childhood Experiences and Adolescent Mental Health: Understanding the Roles of Gender and Teenage Risk and Protective Factors. *Journal of Affective Disorders*. Forthcoming.

**Gajos, Jamie M.**, Michael A. Russell, Candice L. Odgers, Rick H. Hoyle, and William E. Copeland

2022 Pubertal Timing Moderates the Same-Day Coupling between Family Hassles and Negative Affect in Girls and Boys. *Development and Psychopathology*. Forthcoming.

**Gajos, Jamie M.**, Juliann B. Purcell, and Sylvie Mrug

- 2022 The Intersection between Sex and Race in Understanding Substance Co-Use Patterns in Adolescents from the Fragile Families Study. *Journal of Drug Issues*, 52, 15-30.
- Gajos, Jamie M.**, George B. Richardson, and Brian B. Boutwell  
2022 Examining the Influence of Early Childhood Impulsivity and Intelligence on Global Functioning in Adolescence among a Sample of High-Risk American Youth. *Journal of Developmental and Life-Course Criminology*, 8, 232-252.
- Gajos, Jamie M.**, Casey J. Totenhagen, and Melissa J. Wilmarth  
2022 The Association between Financial Strain and Volatility in Daily Relational Uncertainty: A Dyadic Investigation. *Journal of Social and Personal Relationships*, 39, 1412-1433.
- Lee, Hee Yun, Kun Wang, Eun Young Choi, **Jamie M. Gajos**, and Cho Rong Won  
2022 Opioid Knowledge among African Americans Living in Rural Alabama: Findings from a Social Determinants of Health Framework. *Journal of Drug Issues*.  
Forthcoming.
- Cleveland, H. Harrington, Kyler S. Knapp, Timothy R. Brick, Michael A. Russell, **Jamie M. Gajos**, and Scott C. Bunce  
2021 Effectiveness and Utility of Mobile Device Assessment of Subjective Craving during Residential Opioid Dependence Treatment. *Substance Use and Misuse*, 56, 1284-1294.
- Lee, Hee Yun, Eun Young Choi, Cho Rong Won, Jieun Song, **Jamie M. Gajos**, and Soo Young Kim  
2021 Opioid Literacy of Korean Americans in Rural Alabama: Addressing the Role of Social Determinants of Health. *Journal of Transcultural Nursing*. Forthcoming.
- Russell, Michael A. and **Jamie M. Gajos**  
2020 Annual Research Review: Ecological Momentary Assessment Studies in Child Psychology and Psychiatry. *Journal of Child Psychology and Psychiatry*, 61, 376-394.
- Witte, Tricia H., Bridget B. Weymouth, **Jamie M. Gajos**, Andrew Penunuri, and Sera Levy  
2020 Trauma and Problem Drinking in Late Adolescence: A Latent Profile Analysis. *Journal of Traumatic Stress*, 33, 1048-1059.
- Gajos, Jamie M.**, Michael A. Russell, H. Harrington Cleveland, David J. Vandenberg, and Mark E. Feinberg  
2019 Romantic Partner Alcohol Misuse Interacts with *GABRA2* Genotype to Predict Frequency of Drunkenness in Young Adulthood. *Journal of Contemporary Criminal Justice*, 35, 7-20.
- Gajos, Jamie M.** and Kevin M. Beaver  
2017 The Role of Paternal Age in the Prediction of Offspring Intelligence. *The Journal of Genetic Psychology*, 178, 319-333.
- Gajos, Jamie M.** and Kevin M. Beaver

- 2017 Maternal Depression and Risk for Antisocial Behavior in Children. *Child & Family Social Work*, 22, 349-363.
- Beaver, Kevin M., Mohammed Said Al-Ghamdi, Ahmed Nezar Kobeisy, Fathiyah H. Alqurashi, Joseph A. Schwartz, Eric J. Connolly, and **Jamie M. Gajos**  
2016 The Effects of Low Self-Control and Delinquent Peers on Alcohol, Tobacco, and Drug Use in a Sample of Saudi Arabian Youth. *International Journal of Offender Therapy and Comparative Criminology*, 60, 1569-1587.
- Gajos, Jamie M.** and Kevin M. Beaver  
2016 The Effect of Omega-3 Fatty Acids on Aggression: A Meta-Analysis. *Neuroscience & Biobehavioral Reviews*, 69, 147-158.
- Gajos, Jamie M.** and Kevin M. Beaver  
2016 The Development of Self-control from Kindergarten to Fifth Grade: The Effects of Neuropsychological Functioning and Adversity. *Early Child Development and Care*, 186, 1571-1583.
- Gajos, Jamie M.**, Abigail A. Fagan, and Kevin M. Beaver  
2016 Use of Genetically Informed Evidence-Based Prevention Science to Understand and Prevent Crime and Related Behavioral Disorders. *Criminology & Public Policy*, 15, 683-701.
- Beaver, Kevin M., Joseph L. Nedelec, Christian da Silva Costa, Ana Paula Poersch, Mônica Celis Stelmach, Micheli Cristina Freddi, **Jamie M. Gajos**, and Cashen Boccio  
2014 The Association between Psychopathic Personality Traits and Health-Related Outcomes. *Journal of Criminal Justice*, 42, 399-407.
- Gajos, Jamie M.**, Kevin M. Beaver, Marc Gertz, and Jake Bratton  
2014 Public Opinion of Genetic and Neuropsychological Contributors to Criminal Behaviors. *Journal of Criminal Justice Education*, 25, 368-385.

#### **PUBLICATIONS (IN EDITED VOLUMES)**

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- Gajos, Jamie M.** and Kevin M. Beaver  
2021 "Maternal Relationships with Adolescents." In Viviana A. Weekes-Shackelford and Todd K. Shackelford (Eds.), *The Oxford Handbook of Evolutionary Psychology and Parenting* (pp. 265-279). New York, NY: Oxford University Press.
- Gajos, Jamie M.**, Cashen M. Boccio, and Kevin M. Beaver  
2018 "The Potential Use of Genetic Information in the Prevention and Reduction of Criminal Involvement." In Richard Wortley, Aiden Sidebottom, Gloria Laycock, and Nick Tilley (Eds.), *Handbook of Crime Science* (pp. 43-51). New York, NY: Routledge.
- Wright, John Paul, Kevin M. Beaver, **Jamie M. Gajos**, and Catherine Sacarellos  
2018 "Three Strikes and You're Out: A Short but Modern History of Biosocial Criminology." In R. A. Triplett (Eds.), *The Handbook of the History and Philosophy of Criminology* (pp. 237-254). Hoboken, NJ: Wiley-Blackwell.

Beaver, Kevin M., Joseph A. Schwartz, and **Jamie M. Gajos**  
2014 "A Review of the Genetic and Gene-Environment Interplay Contributors to Antisocial Phenotypes." In Julien Morizot and Lila Kazemian (Eds.), *The Development of Criminal and Antisocial Behavior: Theoretical Foundations and Practical Applications* (pp. 109-122). New York, NY: Springer.

## **MANUSCRIPTS UNDER REVIEW**

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**Gajos, Jamie M.**, Elizabeth S. Hawes, Sofia Mildrum Chana, Sylvie Mrug, Caitlin Wolford-Clevenger, Michael S. Businelle, Matthew J. Carpenter, and Karen Cropsey  
2022 Daily Adherence to Nicotine Replacement Therapy in Low-Income Smokers: The Role of Gender, Negative Mood, Motivation, and Self-Efficacy. Revise & resubmit at *Addictive Behaviors*.

**Gajos, Jamie M.**, Tricia H. Witte, Bridget B. Weymouth, Meghan E. Burroughs, and Jennifer L. Evans  
2022 Bystander Motivations and Barriers to Helping Intoxicated Peers. Under review at *Journal of Drug Education: Substance Abuse Research and Prevention*.

Chelsea R. Miller, **Jamie M. Gajos**, and Karen L. Cropsey  
2022 School Connectedness and Risk for Sexual Intercourse and Nonconsensual Sex in Adolescence. Under review at *JAMA Pediatrics*.

Sisson, Michelle L., **Jamie M. Gajos**, Caitlin Wolford-Clevenger, Keith R. Chichester, Samantha V. Hill, Richard C. Shelton, Peter S. Hendricks, Michael S. Businelle, Matthew J. Carpenter, and Karen L. Cropsey  
2022 Impact of Nicotine Replacement Therapy Sampling on Cessation-Related Processes. Under review at *Journal of Addiction Medicine*.

Yeager, Samantha, **Jamie M. Gajos**, Burel Goodin, Sylvie Mrug, Peter S. Hendricks, Michael S. Businelle, Matthew J. Carpenter, Jarred Younger, Richard C. Shelton, and Karen L. Cropsey  
2022 Balanced Placebo Design with Varenicline: Pharmacological and Expectancy Effects on Medication Adherence. Under review at *Drug and Alcohol Dependence*.

## **CONFERENCE PRESENTATIONS**

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**Gajos, Jamie M.**, Juliann B. Purcell, and Sylvie Mrug  
2022 The Intersection of Sex and Race in Substance Co-Use Patterns in Adolescents from the Fragile Families Study. Paper presented at the UA System Behavioral Health Research Symposium in Tuscaloosa, AL.

**Gajos, Jamie M.**, Michelle L. Sisson, Caitlin Wolford-Clevenger, Keith Chichester, Samantha V. Hill, Michael S. Businelle, and Karen L. Cropsey  
2022 Effects of a Novel Nicotine Replacement Therapy Sampling Intervention on Daily Cigarette Use in Low-Income Smokers. Poster presentation accepted to the Society of Behavioral Medicine 2022 Annual Meeting. Baltimore, MD.

Ra, Chaelin K., **Jamie M. Gajos**, Emily T. Hébert, Adam C. Alexander, Ashley B. Cole, Scott T. Walters, Eun-Young Mun, Thomas R. Kirchner, Jason A. Oliver, and Michael S. Businelle

2022 The relations of daily sleep, sheltering, and drinking among adults experiencing homelessness. Poster presentation accepted to the Society of Behavioral Medicine 2022 Annual Meeting. Baltimore, MD.

Weymouth, Bridget B. and **Jamie M. Gajos**

2021 Contextual Considerations for Associations between Police Stops and Youth Mental Health. Poster presented at the annual meeting of the Society for Prevention Research (online).

**Gajos, Jamie M.**, Casey J. Totenhagen, and Melissa J. Wilmarth

2020 The Association between Financial Strain and Volatility in Daily Relational Uncertainty: A Dyadic Investigation. Paper presented at the annual meeting of the National Council on Family Relations (online).

**Gajos, Jamie M.**, Tricia H. Witte, and Bridget B. Weymouth

2019 Trauma and Problem Drinking in Late Adolescence: A Latent Profile Analysis. Paper presented at the UA System Behavioral Health Research Symposium in Birmingham, AL.

**Gajos, Jamie M.**, Michael A. Russell, H. Harrington Cleveland, Timothy R. Brick, Kyler S. Knapp, and Scott C. Bunce

2019 Day and Within-Day Trends of Drug Cravings: Ecological Momentary Assessment Among a Sample of Patients with Prescription Opiate Dependence. Paper presented at the annual meeting of the Society for Prevention Research in San Francisco, CA.

**Gajos, Jamie M.**

2018 Family Chaos during Middle Childhood: Evidence of a Gene-Environment Correlation. Poster presented at the annual meeting of the National Council on Family Relations in San Diego, CA.

**Gajos, Jamie M.**, Michael A. Russell, H. Harrington Cleveland, Mark E. Feinberg, Mark T. Greenberg, Richard L. Spoth, Cleve Redmond, and David J. Vandenberg

2018 Romantic Partner Effects on Young Adult Alcohol Misuse by GABRA2 Genotype and PROSPER Intervention. Paper presented at the biennial meeting of the Society for Research on Adolescence in Minneapolis, MN.

**Gajos, Jamie M.**

2017 The Relationship between Parent-Child Conflict and Age of Maturation: A Genetically Informed Analysis. Paper presented at the annual meeting of the American Society of Criminology in Philadelphia, PA.

**Gajos, Jamie M.** and Kevin M. Beaver

2016 The Effect of Omega-3 Fatty Acids on Aggression: A Meta-Analysis. Paper presented at the annual meeting of the American Society of Criminology in New Orleans, LA.

**Gajos, Jamie M.** and Kevin M. Beaver

2015 The Role of Paternal Age in the Prediction of Developmental Outcomes in Children. Paper presented at the annual meeting of the American Society of Criminology in Washington, D.C.

**Gajos, Jamie M.** and Kevin M. Beaver

2014 The Development of Self-control from Kindergarten to Fifth Grade: The Effects of Cognitive Skills and Adversity. Paper presented at the annual meeting of the American Society of Criminology in San Francisco, CA.

**Gajos, Jamie M.** and Kevin M. Beaver

2013 Maternal Depression and the Risk for Antisocial Behavior in Children. Paper presented at the annual meeting of the American Society of Criminology in Atlanta, GA.

**Gajos, Jamie M.** and Kevin M. Beaver

2012 Public Opinion of Genetic and Neuropsychological Contributors to Criminal Behaviors. Paper presented at the annual meeting of the American Society of Criminology in Chicago, IL.

## **INVITED PRESENTATIONS**

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**Gajos, Jamie M.**

2021 "Health-Risk Behaviors and Wellbeing in Adolescence and Young Adulthood: The Influence of Adversity Across Time and Contexts." University of Alabama, Department of Criminology and Criminal Justice, CCJ Colloquium Speaker Series, Fall 2021, Tuscaloosa, AL.

**Gajos, Jamie M.**

2019 "Substance Use Risk and Problem Behaviors in Adolescence and Young Adulthood: Biological and Environmental Contributions Across Time and Contexts." Pennsylvania State University, The Methodology Center, Brown Bag Seminar, University Park, PA.

**Gajos, Jamie M.**

2018 "The Age-Varying Relationship between Father Absence and Nonaggressive Delinquency across Adolescence: Differences by Offspring *5-HTTLPR* Genotype and Gender." Pennsylvania State University, The Methodology Center, PAMT Proseminar, University Park, PA.

**Gajos, Jamie M.**

2018 "Romantic Partner Alcohol Misuse Interacts with *GABRA2* Genotype to Predict Frequency of Drunkenness in Young Adulthood." Pennsylvania State University, Edna Bennett Peirce Prevention Research Center, Recent Work by PAMT Program Trainees, University Park, PA.

**Gajos, Jamie M.**

2017 "Causes of Crime." Florida State University, Department of Interior Architecture and Design, Annual Design Charrette, Tallahassee, FL.

## **COURSES TAUGHT**

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Adolescent Development  
Criminology  
Policy Issues: Family, Crime and Addictions

### **MANUSCRIPT REVIEWER**

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*Alcoholism: Clinical and Experimental Research*  
*Development and Psychopathology*  
*Drug and Alcohol Dependence*  
*Evolutionary Behavioral Sciences*  
*Evolutionary Psychology*  
*International Journal of Offender Therapy and Comparative Criminology*  
*Journal of Child and Family Studies*  
*Journal of Contemporary Criminal Justice*  
*Journal of Criminal Justice*  
*Journal of Criminal Justice Education*  
*Journal of Drug Issues*  
*Nicotine & Tobacco Research*

### **EDITORIAL BOARD**

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Associate Editor, *Journal of Drug Issues* 2019- present

### **AWARDS AND HONORS**

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Abstract of Distinction, Society for Prevention Research 2019  
Abstract of Distinction, Society for Prevention Research 2021

### **PROFESSIONAL MEMBERSHIPS**

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American Society of Criminology  
National Council on Family Relations  
Society for Ambulatory Assessment  
Society for Prevention Research  
Society for Research on Adolescence