

ALEXIS E. BRIEANT

Virginia Tech Psychology Department • 239 Williams Hall • Blacksburg, VA 24061
Cell: (315) 414-6106 • E-mail: abrieant@vt.edu

EDUCATION

- May 2020 (expected) **Ph.D., Psychology (Developmental Science)**
Graduate Certificate in Educational Research and Evaluation (Statistics)
Virginia Tech, Blacksburg, VA
- 2017 **M.S., Psychology (Developmental Science)**
Thesis: *Growth Trajectories of Neurocognitive Self-Regulation and Adolescent Adjustment*
Virginia Tech, Blacksburg, VA
- 2015 **B.A., Psychology; B.A., French**
Cum laude, Phi Beta Kappa
State University of New York at Geneseo, Geneseo, NY

RESEARCH EXPERIENCE

- 2015 – Present **Graduate Research Assistant, JK Lifespan Development Lab**
Department of Psychology, Virginia Tech, Blacksburg, VA
PI: Dr. Jungmeen Kim-Spoon
- Funded by National Institutes of Health R01: Neurobehavioral Determinants of Risk-Taking in Adolescence
 - Collect self-report, fMRI, behavioral, and genetic data in a longitudinal sample of adolescents and their primary caregivers
 - Research design, statistical analysis, and dissemination of work in scientific publications
 - Responsible for data management and processing for five waves of data
- 2012 – 2015 **Research Coordinator, Center for Human Development and Adaptation**
Department of Psychology, SUNY Geneseo, Geneseo, NY
PI: Dr. Michael Lynch
- Developed research questions and designed studies with a focus on developmental psychopathology
 - Designed, conducted, and presented research on a series of studies on coping flexibility in the management of daily stressors
 - Oversaw lab meetings, assisted in the direction of research activities, and managed research assistants
- 2014– 2015 **Undergraduate Research Assistant, Mt. Hope Family Center**
Mt. Hope Family Center, University of Rochester, Rochester, NY
PI: Dr. Christie Petrenko
- Facilitated weekly intervention groups for Families on Track, a randomized controlled trial for children with Fetal Alcohol Spectrum Disorders (FASD)
 - Worked with FASD and typically developing children ages 4-8 to improve behavioral and emotional skills

PEER-REVIEWED PUBLICATIONS

- Elder, J., **Brieant, A.**, Lauharatanahirun, N., King-Casas, B., & Kim-Spoon, J. (in press). Anterior insula activity during risk processing predicts alcohol use via externalizing pathway in male adolescents. *Journal of Studies on Alcohol and Drugs*.
- Peviani, K., **Brieant, A.**, Holmes, C., King-Casas, B., & Kim-Spoon, J. (2019). Religious social support protects against social risks for adolescent substance use. *Journal of Research on Adolescence*. doi:10.1111/jora.12529
- Kim-Spoon, J.*, Deater-Deckard, K.*, **Brieant, A.**, Lauharatanahirun, N., Lee, J., & King-Casas, B. (2019). Brains of a feather flocking together? Peer and individual neurobehavioral risks for substance use across adolescence. *Development and Psychopathology*. doi:10.1017/S0954579419001056
*Authors contributed equally
- Holmes, C. J., **Brieant, A.**, King-Casas, B., Kim-Spoon, J. (2019). How is religiousness associated with adolescent risk taking? The roles of emotion regulation and executive function. *Journal of Research on Adolescence*, 29, 334-344. doi:10.1111/jora.12438
- Kim-Spoon, J., Lauharatanahirun, N., Peviani, K*, **Brieant, A.***, Deater-Deckard, K., Bickel, W., King-Casas, B. (2019). Longitudinal pathways linking family risk, neural risk processing, delay discounting, and adolescent substance use. *Journal of Child Psychology and Psychiatry*, 60, 655-664. doi: 10.1111/jcpp.13015
*Authors contributed equally
- Holmes, C. J., **Brieant, A.**, Khan, R. E., Deater-Deckard, K., & Kim-Spoon, J. (2019). Structural family environment effects on developmental trajectories of self-control and adolescent risk taking. *Journal of Youth and Adolescence*, 48, 43 – 55. doi:10.1007/s10964-018-0921-7
- Maciejewski, D., **Brieant, A.**, Lee, J., King-Casas, B., & Kim-Spoon, J. (2018). Neural cognitive control buffers the relation between negative life events and depressive symptoms in adolescents. *Journal of Clinical Child and Adolescent Psychology*. doi:10.1080/15374416.2018.1491005
- Brieant, A.**, Holmes, C. J., Maciejewski, D., Lee, J., Deater-Deckard, K., King-Casas, B., & Kim-Spoon, J. (2018). Positive and negative affect and adolescent adjustment: Moderation effects of prefrontal functioning. *Journal of Research on Adolescence*, 28, 40 – 55. doi:10.1111/jora.12339
- Brieant, A.**, Holmes, C. J., Deater-Deckard, K., King-Casas, B., & Kim-Spoon, J. (2017). Household chaos as a context for intergenerational transmission of executive functioning. *Journal of Adolescence*, 58, 40-48. doi:10.1016/j.adolescence.2017.05.001

MANUSCRIPTS UNDER REVIEW

- Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (revision under review). Transactional relations between developmental trajectories of executive functioning and internalizing and externalizing symptomatology in adolescence. *Development and Psychopathology*.
- Brieant, A.**, Peviani, K., Lee, J., King-Casas, B., & Kim-Spoon, J. (under review). Socioeconomic risk for adolescent cognitive control and emerging risk behaviors. *Journal of Research on Adolescence*.

MANUSCRIPTS IN PREPARATION

Kim-Spoon, J., Herd, T., **Brieant, A.**, Peviani, K., Lauharatanahirun, N., Lee, J., Deater-Deckard, K., Bickel, W., & King-Casas, B. (in preparation). Bidirectional associations between neural risk processing and adolescent substance use modulated by cognitive control.

Brieant, A., Herd, T., Lee, Jacob E., King-Casas, B., & Kim-Spoon, J. (in preparation). Processes linking socioeconomic disadvantage and neural underpinnings of cognitive control in adolescence.

Brieant, A. & Kim-Spoon, J. (in preparation). Neurodevelopment in context: A systematic review and meta-analysis of the effect of socioeconomic status on child and adolescent fronto-limbic development.

Herd, T., **Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (in preparation). Developmental trajectories of parent-child relations in adolescence predict cognitive emotion regulation.

CONFERENCE PRESENTATIONS

Brieant, A., King-Casas, B., & Kim-Spoon, J. (March, 2019). *Processes linking socioeconomic disadvantage and neural underpinnings of executive function in adolescence*. In Marshall, P. (Chair), *Advances in the Developmental Cognitive Neuroscience of Executive Function*. Paper presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.

Brieant, A., Elder, J., King-Casas, B., & Kim-Spoon, J. (May, 2018). *Growth trajectories of neurocognitive self-regulation and adolescent adjustment*. Poster presented at the Association for Psychological Science convention, San Francisco, CA.

Kim-Spoon, J., Lauharatanahirun, N., Peviani, K., **Brieant, A.**, Herd, T., Elder, J., Deater-Deckard, K., Bickel, W., King-Casas, B. (May, 2018). *Longitudinal pathways linking socioeconomic adversity, neural risk processing, delay discounting, and adolescent substance use*. Poster presented at the Association for Psychological Science convention, San Francisco, CA.

Brieant, A. (May, 2018). *The Naked Truth: Getting into Graduate School*. Session chair, Association for Psychological Science convention, San Francisco, CA.

Brieant, A., Elder, J., King-Casas, B., & Kim-Spoon, J. (April, 2018). *Socioeconomic risk for adolescent cognitive function and emerging risk behaviors*. Poster presented at the Society for Research in Adolescence conference, Minneapolis, MN.

Peviani, K., **Brieant, A.**, Holmes, C. J., Deacon, J., King-Casas, B., & Kim-Spoon, J. (April, 2018). *Intergenerational transmission of substance use: Contributions of parents, peers, and religious socialization*. Poster presented at the Society for Research in Adolescence conference, Minneapolis, MN.

Elder, J., **Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (May, 2017). *Externalizing pathway in male adolescent substance use*. Poster presented at the Association for Psychological Science convention, Boston, MA.

Brieant, A. (May, 2017). *The Naked Truth: Getting into Graduate School*. Session chair, Association for Psychological Science convention, Boston, MA.

Brieant, A., Holmes, C., Lee, J., Hochgraf, A., Omohundro, H., Pereira, K., King-Casas, B., Kim-Spoon, J. (April, 2017). *Positive and negative affect and adolescent adjustment: Moderation effects by prefrontal*

functioning. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.

Peviani, K., **Brieant, A.**, Holmes, C. J., King-Casas, B., & Kim-Spoon, J. (April, 2017). *Intergenerational transmission of rural substance use: Contributions of parents, peers, and religiousness*. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.

Brieant, A., Khan, R. E., Holmes, C., King-Casas, B., Kim-Spoon, J. (April, 2016). *Parent executive function regulates parent impulsivity effects on adolescent executive function*. Poster presented at the Society for Research in Adolescence conference, Baltimore, MD.

Brieant, A., Bergamo, N., Newman, B., Strickler, J., Lynch, M. *Identification and validation of individual differences in perfectionism* (May, 2015). Poster presented at the Association for Psychological Science conference, New York, NY.

Parr J., **Brieant, A.**, Pandolfino, M., Rooney, E., Deren, J., Lynch, M. (May, 2014). *Individual differences in response to daily challenge*. Poster presented at the Association for Psychological Science conference, San Francisco, CA.

Pandolfino, M., Rooney, E., Parr, J., **Brieant, A.**, Deren, J., Lynch, M. (May, 2014). *The unique contributions of daily coping to subsequent mental health*. Poster presented at the Association for Psychological Science conference, San Francisco, CA.

Pandolfino, M., Rooney, E., Parr, J., Deren, J., Bolan, E., **Brieant, A.**, Lynch, M (May, 2013). *Effectiveness of coping flexibility in managing daily stressors*. Poster presented at Association for Psychological Science conference, Washington D.C.

TEACHING EXPERIENCE

Spring 2018 – Fall 2018	Instructor of Record, Principles of Psychological Research Methods Virginia Tech, Psychology Department
Spring 2017- Fall 2017	Teaching Assistant, Advanced Developmental Psychology Lab Virginia Tech, Psychology Department
Spring 2017	Teaching Assistant, Lifespan Development Virginia Tech, Psychology Department
Fall 2016	Teaching Assistant, Pathways in Psychology Virginia Tech, Psychology Department
Fall 2015 – Spring 2016	Teaching Assistant, Introductory Psychology Recitation Virginia Tech, Psychology Department
Fall 2013 & Fall 2014	Teaching Assistant, Research Methods, Developmental Psychology State University of New York at Geneseo, Psychology Department

SERVICE

Academic and University Service

2017-Present Ad-hoc reviewer for *Journal of Research on Adolescence*, *Journal of Adolescence*, *Clinical Child and Family Psychology Review*, and *Infant and Child Development*

2016-Present	Ad-hoc co-reviewer (with mentor) for <i>Developmental Cognitive Neuroscience, Child Development, Development and Psychopathology, Journal of Clinical Child and Adolescent Psychology, Developmental Science, Journal of Family Psychology</i>
2016-2018	Student executive board member for the Association for Psychological Science (APS)
2016-2017	Graduate Representative for Developmental Science area, Virginia Tech Psychology Department
2016-2017	Virginia Tech Graduate Student Association delegate for Psychology Department

Community Service

2018 – Present	<p>Court-Appointed Special Advocate (CASA) New River Valley Child Advocacy, Resources, Education, and Services Christiansburg, VA</p> <ul style="list-style-type: none"> Volunteer as a court-appointed advocate for children who have experienced abuse and neglect, working to ensure placement in a safe and permanent home.
2012 – 2015	<p>After-School Program Assistant The Bridge (El Puente), Mt. Morris, NY</p> <ul style="list-style-type: none"> Provided after-school enrichment, educational opportunities, and mentorship for rural, disadvantaged children ages 4 – 13.

AWARDS AND HONORS

2019	Diversity & Inclusion Training Certificate, Tier 1; awarded by the Diversity Development Institute & Dept of Psychology, Virginia Tech.
2018	American Psychological Association Travel Award for attendance at the Advanced Training Institute on Structural Equation Modeling in Longitudinal Research (\$500)
2015	Phi Beta Kappa
2015	SUNY Geneseo Psychology Department Outstanding Student Leadership Award
2015	Pi Delta Phi French National Honor Society
2015	Phi Sigma Iota Honor Society in Foreign Language
2013	Psi Chi National Honor Society in Psychology

ADVANCED QUANTITATIVE AND METHODOLOGICAL TRAINING

2019	Software Carpentry - Bash, Git, and Programming with R, Virginia Tech. Instructors: Kayla McNabb, Jonathan Bradley, Jon Petters
2019	Introduction to Data Analysis in Python with Pandas, Virginia Tech. Instructor: Nathaniel Porter
2019	Conducting Longitudinal Data Analysis: Knowing What to Do and Learning How to Do It, Society for Research in Child Development workshop. Instructor: Dan Bauer, Curran-Bauer Analytics.
2018	Data Manipulation in R, Virginia Tech. Instructor: Tom Metzger
2018	American Psychological Association Advanced Training Institute on Structural Equation Modeling in Longitudinal Research, Arizona State University. Instructors: Kevin Grimm, Nilam Ram, Craig Enders

- 2018 An Introduction to Implementing Bayesian Methods for Estimating Latent Variable Models, Association for Psychological Science workshop. Instructor: Sarah Depaoli
- 2018 Analyzing Intensive Longitudinal Data with Group Iterative Multiple Model Estimation (GIMME), Society for Research on Adolescence workshop. Instructor: Adrienne Beltz
- 2015 Magnetic Resonance Imaging (MRI) Advanced User Training, Human Neuroimaging Laboratory, Virginia Tech Carilion Research Institute
- 2015 Magnetic Resonance Imaging (MRI) Safety Training, Human Neuroimaging Laboratory, Virginia Tech Carilion Research Institute

PROFESSIONAL AFFILIATIONS

Flux: The Society for Developmental Cognitive Neuroscience
APA Division 7- Developmental Psychology
American Psychological Association
Society for Research in Child Development
Society for Research in Adolescence
Association for Psychological Science