

ALEXIS E. BRIEANT, PH.D.

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ACADEMIC POSITIONS

Assistant Professor, Department of Psychological Science August 2023 – Present
University of Vermont, Burlington, VT

Susan Nolen-Hoeksema Postdoctoral Fellow July 2020 – July 2023
Yale University, New Haven, CT

EDUCATION

Ph.D., Psychology (Developmental Science) May 2020
Virginia Tech, Blacksburg, VA
Graduate Certificates: Educational Research and Evaluation; Preparing the Future Professoriate

M.S., Psychology (Developmental Science) December 2017
Virginia Tech, Blacksburg, VA

B.A., Psychology and French May 2015
State University of New York at Geneseo, Geneseo, NY
Cum laude, Phi Beta Kappa

AWARDS AND HONORS

National Institute of Mental Health (NIMH) Loan Repayment Award	2022 – 2025
College of Arts and Sciences International Travel Award, University of Vermont	2024
Early-Career Mentoring Institute, National Research Center on Poverty and Economic Mobility	2024
Doris Duke Foundation Child Well-Being Research Network	2022
Yale Postdoctoral Association Travel Award	2022
NIMH-funded Training Course in fMRI, University of Michigan	2022
International Society for Developmental Psychobiology Travel Award	2021
Susan Nolen-Hoeksema Postdoctoral Fellowship	2020
Society for Research on Adolescence Emerging Scholar Travel Award	2020
Virginia Tech College of Science Outstanding Graduate Student of the Year nominee	2020
Diversity & Inclusion Certificate; awarded by the Diversity Development Institute & Dept of Psychology, Virginia Tech	2019
American Psychological Association Advanced Training Institute Travel Award	2018
Virginia Tech Graduate Student Association Travel Awards	2016 – 2019

Phi Beta Kappa	2015
Outstanding Student Leadership Award, SUNY Geneseo Psychology Department	2015
Pi Delta Phi French National Honor Society	2015
Phi Sigma Iota Honor Society in Foreign Language	2015
Psi Chi National Honor Society in Psychology	2013

RESEARCH FUNDING

National Institute of Mental Health (NIMH) 2L40MH131146-02 <i>Multimethod and Multicontextual Approaches to Early Life Adversity: Clarifying Neurodevelopmental Mechanisms and Mental Health Disparities</i> Role: PI	2024 – 2025
University of Vermont Office of the Vice President for Research Early Extra Promotion of Research & Scholarly Success (EXPRESS) Grant (\$3,000) <i>Vermont Youths' Experiences of Stress, Adversity, and Resilience</i> Role: PI	2023
National Institute of Mental Health (NIMH) 1L40MH131146-01 <i>Neurodevelopment, Psychopathology, and Early Life Adversity: Examining Trajectories, Timing, and Mechanisms.</i> Role: PI	2022 – 2024

PUBLICATIONS

*Denotes equal author contributions; †Denotes mentee

- Beck, D., Whitmore, L., MacSweeney, N., **Brieant, A.**, Karl, V., de Lange, A.G., Westlye, L.T., Mills, K.L., Tamnes, C.K. (in press). Dimensions of early life adversity are differentially associated with patterns of delayed and accelerated brain maturation. *Biological Psychiatry*.
- Brieant, A.**, Sisk, L.M., Keding, T.J., Cohodes, E.M., & Gee, D.G. (in press). Leveraging multivariate approaches to advance the science of early-life adversity. *Child Abuse and Neglect*.
doi:10.1016/j.chiabu.2024.106754
- Clinchard, C.*, Lee, T.*, Lindenmuth, M., **Brieant, A.**, Deater-Deckard, K., Noble, K., Casas, B., & Kim-Spoon, J. (2024). Family economic environment and adolescent substance use: The mediating role of parent-adolescent brain similarity and parental monitoring. *Journal of Family Psychology*.
doi:10.1037/fam0001223
- Kim-Spoon, J., **Brieant, A.**, Folker, A., Lindenmuth, M., Lee, J., Casas, B. & Deater-Deckard, K. (2024). Psychopathology as long-term sequelae of maltreatment and socioeconomic disadvantage: Neurocognitive development perspectives. *Development and Psychopathology*, 1-12.
doi:10.1017/S0954579424000531
- Holt-Gosselin, B., Keding, T.J., Poulin, R., **Brieant, A.**, Rueter, A., Hendrickson, T.J., Perrone, A., Byington, N., Houghton, A., Miranda-Dominguez, O., Feczko, E., Fair, D., Joormann, J., & Gee, D.G. (2024). Neural circuit markers of familial risk for depression among healthy youth in the Adolescent Brain Cognitive Development (ABCD) Study. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 9, 185-195. doi:10.1016/j.bpsc.2023.05.001

- Kim-Spoon, J., Lee, T., Clinchard, C., Lindenmuth, M., **Brieant, A.**, Steinberg, L., Deater-Deckard, K., & Casas, B. (2024). Brain similarity as a protective factor in the longitudinal pathway linking household chaos, parenting, and substance use. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, *9*, 176-184. doi:10.1016/j.bpsc.2023.04.008
- Brieant, A.**, Clinchard, C., Deater-Deckard, K., Lee, J., King-Casas, B., & Kim-Spoon, J. (2023). Differential associations of adversity profiles with adolescent cognitive control and psychopathology. *Research on Child and Adolescent Psychopathology*, *51*, 1725-1738. doi:10.1007/s10802-022-00972-8
- Gee, D.G. & **Brieant, A.** (2023). Meta-analytic evidence for association of adversity with brain function. *JAMA Network Open*, *6*, e2339966. doi:10.1001/jamanetworkopen.2023.39966
- Brieant, A.**, Vannucci, A., Nakua, H., Harris, J., Lovell, J., Brundavanam, D., Tottenham, N., & Gee, D.G. (2023). Characterizing the dimensional structure of early life adversity in the Adolescent Brain Cognitive Development Study. *Developmental Cognitive Neuroscience*, *61*, 101256. doi:10.1016/j.dcn.2023.101256
- Foster*, J.C., Cohodes*, E.M., **Brieant, A.**, McCauley, S., Odriozola, P., Zacharek, S.J., Pierre, J.C., Hodges, H.R., Kribakaran, S., Haberman, J.T., Holt-Gosselin, B., Gee, D.G. (2023). Associations between early-life stress exposure and internalizing symptomatology during the COVID-19 pandemic: Assessing the role of neurobehavioral mediators. *Biological Psychiatry: Global Open Science*, *3*, 362-373. doi: 10.1016/j.bpsgos.2022.07.006
- Herd, T., Jacques, K., **Brieant, A.**, Noll, J., King-Casas, B., & Kim-Spoon, J. (2023). Parenting, emotion regulation, and externalizing symptomatology as adolescent antecedents to young adult health risk behaviors. *Journal of Research on Adolescence*, *33*, 632-640. doi:10.1111/jora.12831
- Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (2022). Transactional relations between developmental trajectories of executive functioning and internalizing and externalizing symptomatology in adolescence. *Development and Psychopathology*, *34*, 213-224. doi:10.1017/S0954579420001054
- Lindenmuth, M., Herd, T., **Brieant, A.**, Lee, J., Deater-Deckard, K., Bickel, W., King-Casas, B., & Kim-Spoon, J. (2022). Neural cognitive control moderates the link between hedonia and substance use across adolescence. *Developmental Cognitive Neuroscience*, *55*, 101111. doi: 10.1016/j.dcn.2022.101111
- Herd, T., **Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (2022). Associations between developmental patterns of negative parenting and emotion regulation development across adolescence. *Emotion*, *22*, 270-282. doi:10.1037/emo0000997
- Brieant, A.**, Sisk, L.M., & Gee, D.G. (2021). Associations among negative life events, changes in cortico-limbic connectivity, and psychopathology in the ABCD Study. *Developmental Cognitive Neuroscience*, *52*, 101022. doi:10.1016/j.dcn.2021.101022
- Brieant, A.**, Herd, T., Lee, J., King-Casas, B., & Kim-Spoon, J. (2021). Processes linking socioeconomic disadvantage and neural underpinnings of cognitive control in adolescence. *Developmental Cognitive Neuroscience*, *48*, 100935. doi:10.1016/j.dcn.2021.100935
- Kim-Spoon, J., Herd, T., **Brieant, A.**, Peviani, K. M., Deater-Deckard, K., Lauharatanahirun, N., Lee, J., & King-Casas, B. (2021). Maltreatment and brain development in adolescence: The effects of abuse

and neglect on neural risk processing and cognitive control. *Developmental Cognitive Neuroscience*, 10093. doi:10.1016/j.dcn.2021.100939

- Kim-Spoon, J., Herd, T., **Brieant, A.**, Elder, J., Lee, J., Deater-Deckard, K., & King-Casas, B. (2021). A 4-year longitudinal neuroimaging study of cognitive control using latent growth modeling: Developmental changes and brain-behavior associations. *Neuroimage*, 237, 118134. doi:10.1016/j.neuroimage.2021.118134
- Brieant, A.**, Peviani, K., Lee, J., King-Casas, B., & Kim-Spoon, J. (2021). Socioeconomic risk for adolescent cognitive control and emerging risk behaviors. *Journal of Research on Adolescence*, 31, 71-84. doi:10.1111/jora.12583
- Kim-Spoon, J., Herd, T., **Brieant, A.**, Peviani, K., Lauharatanahirun, N., Lee, J., Deater-Deckard, K., Bickel, W., & King-Casas, B. (2021). Bidirectional associations between neural risk processing and adolescent substance use modulated by cognitive control. *Journal of Child Psychology and Psychiatry*, 62, 427-436. doi:10.1111/jcpp.13285
- Maciejewski, D., **Brieant, A.**, Lee, J., King-Casas, B., & Kim-Spoon, J. (2020). Neural cognitive control buffers the relation between negative life events and depressive symptoms in adolescents. *Journal of Clinical Child and Adolescent Psychology*, 49, 118-133. doi:10.1080/15374416.2018.1491005
- Peviani, K., **Brieant, A.**, Holmes, C., King-Casas, B., & Kim-Spoon, J. (2020). Religious social support protects against social risks for adolescent substance use. *Journal of Research on Adolescence*, 30, 361-371. doi:10.1111/jora.12529
- Elder, J.[†], **Brieant, A.**, Lauharatanahirun, N., King-Casas, B., & Kim-Spoon, J. (2019). Anterior insula activity during risk processing predicts alcohol use via externalizing pathway in male adolescents. *Journal of Studies on Alcohol and Drugs*, 80, 602-613. doi:10.15288/jsad.2019.80.602
- 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*, 31, 1661-1674. doi:10.1017/S0954579419001056
- 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
- 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
- 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

*Denotes equal author contributions; †Denotes mentee

Brieant, A., Ip, K.I., Holt-Gosselin, B., & Gee, D.G. (under review). Heterogeneity in developmental trajectories of internalizing and externalizing symptomatology: Associations with risk and protective factors. *PsyArXiv preprint*: <https://doi.org/10.31234/osf.io/pz5s8>

Brieant, A.*, & Simmons, C.* (under review). Timing matters: A multi-contextual, within-individual approach to understanding age-related changes in psychopathology in the ABCD Study.

Brieant, A., Herd, T., Simmons, C., Ip, K.I., Brito, N., & Gee, D.G. (under review). The role of developmental science in socioeconomic policy: Toward reducing inequality for youth and families.

Lindenmuth, M., Chen, Y.Y., Lee, T.H., **Brieant, A.,** Noble, K., Lee, J., King-Casas, B., & Kim-Spoon, J. (under review). Developmental changes in neural connectivity underlying cognitive control predicted by family socioeconomic status.

INVITED TALKS

Brieant, A. (January 2024). *Adversity and the developing brain: Implications for youth mental health and well-being*. Invited talk at North Country School, Lake Placid, NY.

Brieant, A. (October 2023). *Adversity, adaptation, and resilience across development: Multidimensional and multimodal approaches*. Invited talk at the University of Minnesota, Institute of Child Development.

Brieant, A. (March 2023). *Leveraging developmental cognitive neuroscience to elucidate mechanisms linking adversity and youth psychopathology*. Invited talk at the University of Cambridge, PIPKIN group, Department of Psychology, Cambridge, UK.

Brieant, A. (February 2023). *Development and psychopathology: How adversity and trauma get under the skin to affect youth mental health*. Invited colloquium at Colorado State University, Department of Human Development and Family Studies.

Brieant, A. (January 2023). *Leveraging developmental neuroscience to elucidate mechanisms linking adversity and youth psychopathology*. Invited colloquium at the University of Vermont, Department of Psychology.

Brieant, A. (January 2023). *Heterogeneity in early life adversity: Characterizing dimensions of exposure*. Invited talk at the Yale Child Study Center, New Haven, CT.

Brieant, A. (November 2022). *Using fMRI to understand brain development and mental health*. Invited talk at the Girls Advancing in STEM conference, New Haven, CT.

Brieant, A. (July 2022). *Adversity, brain development, and mental health*. Invited talk at Yale Young Global Scholars program (virtual).

- Brieant, A.** (July 2022). *Adversity, brain development, and mental health*. Invited talk at EXPLO Psychology and Neuroscience Program (virtual).
- Brieant, A.** (May 2022). *Development and psychopathology: How early adversity gets under the skin to affect youth mental health*. Invited colloquium at the University of New Hampshire, Department of Psychology.
- Brieant, A.** (February 2022). *Development and psychopathology: How early adversity gets under the skin to affect youth mental health*. Invited colloquium at Northeastern University, Department of Psychology.
- Brieant, A.** (February 2022). *Leveraging developmental cognitive neuroscience to elucidate mechanisms linking adversity and youth psychopathology*. Invited colloquium at the University of Notre Dame, Department of Psychology.
- Brieant, A., Sisk, L.M., & Gee, D.G.** (November 2021). *Associations among negative life events, changes in cortico- limbic connectivity, and psychopathology in the ABCD Study*. Oral presentation at the 2021 Adolescent Brain Cognitive Development Study Annual Meeting (virtual).
- Brieant, A.** (July 2021). *Adversity, brain development, and mental health*. Invited talk at Yale Young Global Scholars program (virtual).
- Brieant, A.** (July 2021). *Adversity, brain development, and mental health*. Invited talk at EXPLO Psychology and Neuroscience Program (virtual).
- Brieant, A.** (June 2021). *The science of executive functioning*. Invited talk at Play Attention virtual summer camp.
- Brieant, A.** (April 2021). *Development in context: Environmental influences on adolescent neurodevelopment and psychopathology*. Invited talk at Dr. BJ Casey's & and Dr. Arielle Baskin-Sommers' lab meetings, Yale University, New Haven, CT.
- Brieant, A.** (December 2020). *Navigating graduate student and postdoc challenges*. Invited panelist for Women in Science at Yale event, Yale University, New Haven, CT.
- Brieant, A.** (March 2019). *Socioeconomic context and brain development*. Invited talk at Dr. Robin Panneton's lab meeting, Virginia Tech, Blacksburg, VA.
- Brieant, A., Herd, T., Peviani, K., & Kim-Spoon, J.** (February 2018). *Statistical approaches for multiple informants and multi-dimensional data*. Oral presentation at Virginia Tech Developmental Science brownbag meeting.
- Brieant, A.** (August 2018). *Socioeconomic risk for adolescent cognitive control and emerging risk-taking behaviors*. Invited talk at Virginia Tech Department of Psychology research symposium.
- Brieant, A.** (April 2018). *Positive and negative affect and adolescent adjustment: Moderation effects of prefrontal functioning*. Oral presentation at Virginia Tech Developmental Science brownbag meeting.
- Brieant, A.** (August 2017). *Household chaos as a context for intergenerational transmission of executive functioning*. Invited talk at Virginia Tech Developmental Science and Biological Psychology research symposium.

Brieant, A. (November 2015). *Intergenerational transmission of executive function and the role of parent impulsivity*. Oral presentation at Virginia Tech Developmental Science brownbag meeting.

Brieant, A., Bergamo, N., Newman, B., Strickler, J., & Lynch, M. (April 2015). *Identification and validation of individual differences in perfectionism using functional near infrared (fNIR) spectroscopy*. Oral presentation at SUNY Geneseo Psychology Department brownbag meeting.

CONFERENCE TALKS AND SYMPOSIA

*Denotes equal contributions; †Denotes mentee

Brieant, A.* & Simmons, C.* (April 2024). *Timing matters: A multi-contextual, within-individual approach to understanding age-related changes in psychopathology in the ABCD study*. In Chaku, N. (Chair), *Using Developmental Cascades to Illuminate Contexts of Development*. Oral presentation at the Society for Research on Adolescence, Chicago, IL.

Brieant, A. (February 2024). *Multivariate approaches to elucidating the effects of child adversity on neurodevelopment, behavior, and health*. Oral presentation at the Neuroscience, Behavior, and Health Forum, Burlington, VT.

Brieant, A. (October 2023). *A data-driven approach to characterizing early-life adversity: Associations with mental health and cognitive function*. Oral presentation at the Child Well-Being Research Network Research to Action Summit, Louisville, KY.

Holt-Gosselin, B., Keding, T., Poulin, R., **Brieant, A.**, Rueter, A., Hendrickson, T., Perrone, A., Byington, N., Houghton, A., Miranda-Dominguez, O., Feczko, E., Fair, D., Joormann, J., & Gee, D.G. (April 2023). *Neural Circuit Markers of Familial Risk for Depression Among Healthy Youth in the Adolescent Brain Cognitive Development (ABCD) Study*. Oral presentation at the Society of Biological Psychiatry, San Diego, CA.

Brieant, A., Ip, K.I., Holt-Gosselin, B., & Gee, D.G. (March 2023). *The role of self-regulation in the development of psychopathology during the transition to adolescence*. In Liu, Q. & Razza, R. (Chairs), *Leveraging Latent Growth Modeling to Understand Antecedents and Consequences of Self-Regulation from Early-Childhood to Adolescence*. Oral presentation at the Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.

Kim-Spoon, J., Lee, T., Clinchard, C., Lindenmuth, M., **Brieant, A.,** Steinberg, L., Deater-Deckard, K., & King-Casas, B. (March 2023). *Neural similarity as a resilience marker in the pathway linking chaos, parenting, and substance use*. Oral presentation at the Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.

Brieant, A., Ip, K.I., & Gee, D.G. (March 2022). *Heterogeneity in developmental trajectories of psychopathology in pre-adolescence*. In **Brieant, A.** (Chair), *Contemporary Challenges of Adolescence*. Oral presentation at the Society for Research on Adolescence Biennial Meeting, New Orleans, LA.

Brieant, A., Sisk, L.M., & Gee, D.G. (September 2021). *Associations among negative life events, changes in cortico-limbic connectivity, and psychopathology in the ABCD Study: Exploring pathways to resilience*. Oral presentation at the 7th International Symposium on Resilience Research (virtual).

- Brieant, A.,** Sisk, L.M., & Gee, D.G. (September 2021). *Associations among negative life events, changes in cortico-limbic connectivity, and psychopathology in the ABCD Study: Exploring pathways to resilience*. In Nosarti, C. (Chair), *Neurodevelopmental vulnerability to psychopathology: Building resilience*. Oral presentation at the 2021 Flux Congress (virtual).
- Brieant, A.,** King-Casas, B., & Kim-Spoon, J. (April 2021). *Developmental cascades from socioeconomic disadvantage to psychopathology via executive functioning and emotion regulation*. In Oshri, A. (Chair), *The Effect of Family and Community Stress on Youth Executive Functioning and Psychopathology*. Oral presentation at the Society for Research in Child Development Biennial Meeting (virtual).
- Herd, T., **Brieant, A.,** King-Casas, B., & Kim-Spoon, J. (March 2021). *Associations between developmental patterns of negative parenting and emotion regulation development across adolescence*. In Hochgraf, A. (Chair), *Examining Developmental Links Between Family Processes and Adolescent Adjustment Using Innovative Methods*. Oral presentation at the Society for Research in Adolescence conference (virtual).
- Brieant, A.,** King-Casas, B., & Kim-Spoon, J. (March 2020). *Developmental cascades from socioeconomic adversity to psychopathology via executive functioning and emotion regulation*. In Oshri, A. (Chair), *The Effect of Family and Community Stress on Youth Executive Functioning and Psychopathology*. Accepted for oral presentation at the Society for Research in Adolescence conference [canceled due to COVID-19].
- Herd, T., **Brieant, A.,** King-Casas, B., & Kim-Spoon, J. (March 2020). *The influence of developmental patterns of parent negativity on cognitive emotion regulation across adolescence*. In Hochgraf, A. (Chair), *Examining Developmental Links Between Family Processes and Adolescent Adjustment Using Innovative Methods*. Accepted for oral presentation at the Society for Research in Adolescence conference [canceled due to COVID-19].
- 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*. Oral presentation at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.
- Brieant, A.** (May 2018). *The Naked Truth: Getting into Graduate School*. Session chair, Association for Psychological Science convention, San Francisco, CA.

CONFERENCE POSTER PRESENTATIONS

- Beck, D., Whitmore, L., MacSweeney, N., **Brieant, A.,** de Lange, A.G., Westlye, L.T., Mills, K.L., Tamnes, C.K. (June 2024). *Dimensions of early life adversity links to trimodal brain age in youth*. Poster presented at the Organization for Human Brain Mapping, Seoul, South Korea.
- Brieant, A.,** Burt, K., & Tan, E. (June 2024). *The protective role of community cohesion in the context of adversity and disadvantage: Associations with youth mental health*. Poster presented at the International Society for the Study of Behavioural Development, Lisbon, Portugal.
- Simmons, C. & **Brieant, A.** (April 2024). *Multidimensional psychosocial predictors of adolescent mental health symptoms: A machine learning approach*. Poster presented at the Society for Research on Adolescence, Chicago, IL.

- Furtado, E., Cai, T., **Brieant, A.**, & Ip, K.I. (April 2024). *Longitudinal examination of multifaceted early-life adversity, cortico-limbic connectivity, and emotion regulation development in youth*. Poster presented at the Social & Affective Neuroscience Society conference, Toronto, ON.
- Brieant, A.**, Vannucci, A., Nakua, H., Harris, J., Ward, D., Tottenham, N., & Gee, D.G. (September 2023). *Dimensions of early-life adversity co-occurrence and associations with cortico-limbic functional connectivity in the ABCD Study*. Poster presented at the Flux Congress, Santa Rosa, CA.
- Lindenmuth, M., Chen, Y., Lee, T., **Brieant, A.**, Lee, J., Egan, M., King-Casas, B., & Kim-Spoon, J. (March 2023). *Harshness vs. Unpredictability: Family income and functional connectivity during cognitive control during adolescence*. Poster presented at the Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
- Brieant, A.**, Sisk, L., Cohodes, E.M., Foster, J.C., Holt-Gosselin, B., McCauley, S., Pierre, J.C., Odriozola, P., Haberman, J.T., Kribakaran, S., Zacharek, S.J., Hodges, H.R., Caballero, C., & Gee, D.G. (September 2022). *Clarifying developmental sensitive windows related to dimensions of adversity exposure and cortico-limbic circuitry*. Poster presented at the Flux Congress, Paris, France.
- Foster, J.C., Cohodes, E.M., **Brieant, A.**, McCauley, S., Pierre, J.C., Odriozola, P., Haberman, J.T., Zacharek, S.J., Kribakaran, S., Hodges, H.R., Caballero, C., Holt-Gosselin, B., Santiuste, I., & Gee, D.G. (September 2022). *Neurobiological and early environmental correlates of locus of control and post-traumatic stress symptom profiles: A latent profile analysis*. Poster presented at the Flux Congress, Paris, France.
- Holt-Gosselin, B., Keding, T.J., Poulin, R., **Brieant, A.**, Rueter, A., Hendrickson, T., Perrone, A., Byington, N., Houghton, A., Miranda-Dominguez, O., Feczko, E., Fair, D.A., Joormann, J., Gee, D.G. (September 2022). *Neurobiological Markers of Familial Risk for Depression among Healthy Youth in the Adolescent Brain Cognitive Development (ABCD) Study*. Poster presented at the Flux Congress, Paris, France.
- Brieant, A.**, Ip, K.I., Holt-Gosselin, B., & Gee, D.G. (June 2022). *Adversity exposure is differentially associated with developmental trajectories of psychopathology*. Poster presented at the International Society for the Study of Behavioural Development, Rhodes, Greece.
- Clinchard, C., Lee, T., **Brieant, A.**, King-Casas, B., Kim-Spoon, J. (May 2022). *Family income and parent-adolescent neural concordance predict adolescent substance use via parental monitoring*. Poster presented at the Association for Psychological Science Annual Convention, Chicago, IL.
- Foster, J.C., Cohodes, E.M., **Brieant, A.**, McCauley, S., Odriozola, P., Zacharek, S.J., Pierre, J.C., Hodges, H.R., Kribakaran, S., Haberman, J.T., Holt-Gosselin, B., Gee, D.G. (March 2022). *Associations between early-life stress exposure and internalizing symptomatology during the COVID-19 pandemic: Assessing the role of neurobehavioral mediators*. Poster presented at the Society for Affective Science meeting (virtual).
- Brieant, A.**, Nakua, H., Harris, J., Vannucci, A., Lovell, J., Brundavanam, D., Tottenham, N., & Gee, D.G. (November 2021). *Data-driven dimensions of early-life adversity in the Adolescent Brain Cognitive Development Study*. Poster presented at the International Society for Developmental Psychobiology hybrid meeting, Chicago, IL.

- Brieant, A.**, Herd, T., & Gee, D.G. (November 2021). *The role of developmental science in socioeconomic policy: Toward reducing inequality for children and families*. Poster presented at the International Society for Developmental Psychobiology hybrid meeting, Chicago, IL.
- Brieant, A.**, Sisk, L., & Gee, D.G. (September 2021). *Associations among negative life events, changes in cortico-limbic connectivity, and psychopathology in the ABCD Study: Exploring pathways to resilience*. Poster presented at the 2021 Symposium on Resilience Research (virtual).
- Kim-Spoon, J., Herd, T., **Brieant, A.**, Peviani, K., Lauharatanahirun, N., Jacques, K., & King-Casas, B. (April 2021). *Maltreatment and brain development in adolescence: The effects of abuse and neglect on risk processing*. Poster presented at the Society for Research in Child Development Biennial Meeting (virtual).
- Lindenmuth, M., Herd, T., **Brieant, A.**, Lee, J., Tarnai, K., King-Casas, B., & Kim-Spoon, J. (April 2021). *Cognitive control moderates the link between hedonia and substance use across adolescence*. Poster presented at the Society for Research in Child Development Biennial Meeting (virtual).
- Brieant, A.**, Deater-Deckard, K., Ollendick, T. H., Lee, TH., Lee, J., King-Casas, B., & Kim-Spoon, J. (September 2020). *Not all adversity is created equal: Differential associations of adversity profiles with adolescent cognitive control and psychopathology*. Poster presented at the Flux Congress (virtual).
- Brieant, A.**, Schneider, R., & Kim-Spoon, J. (March 2020). *The effect of socioeconomic status on child and adolescent fronto-limbic development: Meta-analytic evidence*. Poster accepted for presentation at the Society for Research in Adolescence conference [canceled due to COVID-19].
- Kim-Spoon, J., Herd, T., **Brieant, A.**, Peviani, K., Lauharatanahirun, N., Lee, J., Deater-Deckard, K., Bickel, W., & King-Casas, B. (March 2020). *Bidirectional links between adolescent brain function and substance use moderated by cognitive control*. Poster accepted for presentation at the Society for Research in Adolescence conference [canceled due to COVID-19].
- Jacques, K., Herd, T., **Brieant, A.**, Peviani, K., Neal, J., King-Casas, B., & Kim-Spoon, J. (March 2020). *Pathways from harsh parenting to peer victimization: Moderating effects of gender*. Poster accepted for presentation at the Society for Research in Adolescence conference [canceled due to COVID-19].
- Dunster, H.⁺, Stephens, M.⁺, **Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (March 2020). *The effect of cognitive control on adolescent substance use*. Poster presentation accepted at the Mid-Atlantic Undergraduate Research Conference, Blacksburg, VA [canceled due to COVID-19]
- Ryan-Radtke, S., **Brieant, A.**, Kim-Spoon, J., & Ollendick, T. (November 2019). *Parental and child emotion regulation and their impact on adolescent externalizing behavior*. Poster presented at the Association for Behavioral and Cognitive Therapies Annual Convention, Atlanta, GA.
- Brieant, A.**, King-Casas, B., & Kim-Spoon (August 2019). *Processes linking socioeconomic disadvantage and neural correlates of cognitive control in adolescence*. Poster presented at the Virginia Tech Neuroscience Summer Symposium, Blacksburg, VA.
- Coleman, C.⁺, **Brieant, A.**, King-Casas, B., & Kim-Spoon, J. (July 2019). *Interaction Effects of Religion and Stress on Neural Cognitive Control in Adolescents*. Oral and poster presentations at the Multicultural Academic Opportunities Program symposium, Virginia Tech.

- 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.,** 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.
- Greene, J.⁺, **Brieant, A.,** King-Casas, B., & Kim-Spoon, J. (July 2017). *The moderating effect of effortful control on the association between parent-child relationship and internalizing symptomatology*. Oral and poster presentations at the Bridges to the Baccalaureate research symposium, Virginia Tech
- 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 convention, 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 convention, 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 convention, 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 convention, Washington D.C.

RESEARCH EXPERIENCE

Susan Nolen-Hoeksema Postdoctoral Fellow, 2020 – 2023
Clinical Affective Neuroscience and Development Lab
Department of Psychology, Yale University, New Haven, CT
PI: Dylan Gee, Ph.D.

Graduate Research Assistant, JK Lifespan Development Lab 2015 – 2020
Department of Psychology, Virginia Tech, Blacksburg, VA
PI: Jungmeen Kim-Spoon, Ph.D.

Research Coordinator, Center for Human Development and Adaptation 2012 – 2015
Department of Psychology, SUNY Geneseo, Geneseo, NY
PI: Michael Lynch, Ph.D.

Research Assistant, Mt. Hope Family Center 2014 – 2015
Mt. Hope Family Center, University of Rochester, Rochester, NY
PI: Christie Petrenko, Ph.D.

TEACHING EXPERIENCE

Courses Taught

Instructor, Developmental Psychology: Childhood Spring 2024
University of Vermont, Department of Psychological Science

Instructor, Principles of Psychological Research Methods Spring 2018, Fall 2018
Virginia Tech, Psychology Department

Teaching Assistant, Advanced Developmental Psychology Lab Spring 2017, Fall 2017
Virginia Tech, Psychology Department

Teaching Assistant, Lifespan Development Spring 2017
Virginia Tech, Psychology Department

Teaching Assistant, Pathways in Psychology Fall 2016
Virginia Tech, Psychology Department

Teaching Assistant, Introductory Psychology Recitation Fall 2015, Spring 2016
Virginia Tech, Psychology Department

Teaching Assistant, Intermediate French Spring 2014
State University of New York at Geneseo, Department of Languages and Literatures

Teaching Assistant, Research Methods, Developmental Psychology Fall 2013, Fall 2014
State University of New York at Geneseo, Psychology Department

Guest Lectures

Psychology of Parenting (Graduate level) Spring 2022
Department of Psychology, Saint Joseph's University

Adolescent Development (Graduate level) Fall 2022
Department of Psychology, Virginia Tech

Developmental Psychology (Undergraduate level) Spring 2017, Spring 2018
Department of Psychology, Virginia Tech

Infant and Child Cognitive and Social Development (Undergraduate level) Fall 2017
Department of Psychology, Virginia Tech

MENTORSHIP

Mentor, NextGen Psych Scholars 2022 – 2023

Mentor, Project SHORT (Students for Higher-Ed Opportunities and
Representation in Training) 2020 – 2023

Mentor, Women in Science at Yale (WISAY) mentorship program 2020 – 2022

Mentor, Society for Research on Adolescence Undergraduate Scholars Program 2022, 2024

Mentor, Multicultural Academic Opportunities Program (MAOP) at Virginia Tech 2019

Peer mentor, Virginia Tech Department of Psychology Graduate Program 2018 – 2020

Mentor, NIH Bridges to the Baccalaureate, Virginia Tech 2017

Mentorship program coordinator, Association for Psychological Science
Student Caucus (APSSC) 2016 – 2018

Mentored Student Awards

Emma Renwick, UVM '24. APLE Summer Stipend Award from the College of Arts and Sciences;
project: *Investigating the Effects of Trauma on Perceptions of the Family System*

Mentored Theses

Drew Ward, Yale '23. Senior thesis: *The Impact of Dimensions of Early-Life Adversity on Fronto-Limbic Functional Connectivity in the Adolescent Brain Cognitive Development Study*

Doctoral Dissertation Committee Member (University of Vermont)

Kelly Nguyen (2024); Milo Trujillo (2024)

Honors Thesis Committee Member (University of Vermont)

Katie Delaney (2024)

Undergraduate Research Assistants (University of Vermont)

Jenna Gonzalez (2023-present); Emma Renwick (2023-present); Emily Tan (2023-present)

SERVICE

Academic and University Service

Ad-hoc Reviewer:

Acta Psychologica
American Journal of Psychiatry
Anxiety, Stress, and Coping
Biological Psychiatry
Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
Child Abuse and Neglect
Child Development
Child Psychiatry and Human Development
Children and Youth Services Review
Clinical Child and Family Psychology Review
Cognitive Development
Comprehensive Psychiatry
Current Psychology
Developmental Cognitive Neuroscience
Developmental Neurobiology
Developmental Psychology
Development and Psychopathology
Developmental Science
Health Psychology and Behavioral Medicine
Infant and Child Development
International Journal of Applied Positive Psychology
JAMA Pediatrics
Journal of Adolescence
Journal of Child Psychology and Psychiatry
Journal of Clinical Child and Adolescent Psychology
Journal of Family Psychology
Journal of Mental Health
Journal of Psychopathology and Clinical Science
Journal of School Psychology
Journal of Research on Adolescence
The Lancet Psychiatry
Nature Communications
NeuroImage
Neuroscience and Biobehavioral Reviews
PLOS ONE
Psychological Test Adaptation and Development
Psychophysiology
Research on Child and Adolescent Psychopathology
Social Cognitive and Affective Neuroscience

Other Reviewing:

Grant reviewer, National Science Foundation, Developmental Science and Cognitive Neuroscience Programs (2022 – present)
Abstract reviewer, Society for Research on Child Development conference (2022)
Reviewer, Application Statement Feedback Program (ASFP; 2021)
Abstract reviewer, Society for Research on Adolescence conference (2019, 2023)

Committees and Leadership:

Flux Young Investigator Award committee member (2023)
Executive board member, Women in Science at Yale (2020 – 2023)
Student executive board member, Association for Psychological Science (2016 – 2018)
Graduate Representative, Developmental Science area, Virginia Tech Psychology Department (2016 – 2017)
Virginia Tech Graduate Student Association delegate for Psychology Department (2016 – 2017)
Faculty search committee, student representative, SUNY Geneseo (2014 – 2015)

Science Outreach and Communication

Champlain Valley Union Highschool, Hinesburg, VT, Guest speaker (May 2024)
Featured in *Lake Placid News*, “[On the scene: Addressing childhood adversity and trauma](#)” (February 2024)
Girls Advancing in STEM, Guest speaker (November 2022)
[Interview with BrainFlow](#), international teen science club (September 2022)

Yale Young Global Scholars, Guest speaker (July 2021, July 2022)
 EXPLO Highschool Psychology & Neuroscience Summer Program, Guest speaker (July 2021, July 2022)
 Letters to a Pre-Scientist, STEM Pen-Pal Program (2021-2022)
[Interview and blog post](#) with the Society for Research on Adolescence on socioeconomic disadvantage and adolescent development (December 2021)
 Play Attention Youth Summer Program, Guest speaker (June 2021)
 EXPLO Highschool Summer Program, Student Networking Event (July 2020)

Advocacy and Community Service

Intervention & Education workgroup, Developmental Scientists for Climate Action (2023 – Present)
 Member, Rapid Response Network, Research-to-Policy Collaboration (2021 – Present)
 Court-Appointed Special Advocate (CASA), New River Valley Child Advocacy, Resources, Education, and Services (2018 – 2020)

QUANTITATIVE AND METHODOLOGICAL TRAINING

National Institutes of Health Training Course in fMRI, University of Michigan. Director: John Jonides	2022
Multilevel Modeling for Longitudinal Data, University of Pittsburgh Summer Methodology Series. Instructor: Aidan Wright	2021
Adolescent Brain Cognitive Development (ABCD)-ReproNim Course. Directors: Angie Laird, David Kennedy, Satra Ghosh, JB Poline	2020-2021
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.	2019
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	2018
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	2015
BIOPAC Functional Near Infrared Spectroscopy (fNIRS) training	2014

PROFESSIONAL AFFILIATIONS

American Psychological Association

APA Division 7 – Developmental Psychology

APA Division 37 – Child Maltreatment

APA Division 53 – Clinical Child and Adolescent Psychology

Association for Psychological Science

Flux: The Society for Developmental Cognitive Neuroscience

International Society for Developmental Psychobiology

International Society for the Study of Behavioural Development

Society for Research in Child Development

Society for Research on Adolescence