



2024-25 GRADUATE STUDENT ACHIEVEMENTS DEVELOPMENTAL SCIENCE PROGRAM

RESEARCH ACHIEVEMENT

JOURNAL ARTICLES PUBLISHED

- **Bruce, M., Meza-Cervera, T., Ermanni, B.,** & Bell, M.A.. **One, two, three, eyes on me:** Infant EEG power predicts toddler executive functioning through infant attention. *Child Development. (2025 advance online publication).*
- **Chen, Y.-Y., Lindenmuth, M.,** Lee, T., Lee, J., Casas, B., & Kim-Spoon, J. (2025). **Neural signatures of cognitive control predict future adolescent substance use onset and frequency.** *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 10, 513-521.*
- **Clinchard, C.,** Casas, B., & Kim-Spoon, J. **Childhood maltreatment impacts difficulties in emotion regulation, but not strategy use, throughout adolescence and into young adulthood.** *Emotion (in press).*
- **Clinchard, C.,** Casas, B., & Kim-Spoon, J. (2024). **Child maltreatment and executive function development throughout adolescence and into young adulthood.** *Development and Psychopathology, 1-14.*
- **Herd, T., Meyer, C.,** Casas, B., & Kim-Spoon, J. (2024). **Longitudinal associations between changes in peer victimization and emotion dysregulation across adolescence.** *Emotion, 24(7), 1612–1624.*
- 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, 36(5), 2421-2432.*
- Kim-Spoon, J., Lee, T.-H., **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(2), 176-184.*
- **Lindenmuth, M.,** Hodes, G., **Herd, T.,** Casas, B., & Kim-Spoon, J. (2024). **Longitudinal associations between dimensions of maltreatment and internalizing symptoms in late adolescence: The role of inflammation during the COVID-19 pandemic.** *Brain, Behavior; & Immunity – Health, 35, 100719.*
- **Lindenmuth, M., Chen, Y.-Y.,** Lee, T., Melville, N., Casas, B., & Kim-Spoon, J. (2025). **A six-year longitudinal study examining chronicity and timing of maltreatment effects on risk-related functional connectivity change across adolescence.** *Developmental Cognitive Neuroscience, 74, 101577.*
- **Lindenmuth, M., Chen, Y.-Y.,** Lee, T., Lee, J., Ollendick, T., Casas, B., & Kim-Spoon, J. **Maltreatment effects on cognitive control related functional connectivity changes across adolescence: Prospective associations with young adult mental health outcomes.** *Development and Psychopathology.*
- **Meyer, C., Lindenmuth, M., Clinchard, C.,** Deater-Deckard, K., Casas, B., & Kim-Spoon, J. (2025). **Emotion regulation, not executive functioning, mediates longitudinal links between unpredictability in adolescence and social connectedness in young adulthood.** *Scientific Reports, 15, 25961.*
- **Peviani, K., Clinchard, C.,** Bickel, W., Casas, B., & Kim-Spoon, J. (2024). **Longitudinal pathways from maltreatment to substance use through delay discounting, during adolescence and young adulthood.** *Journal of American Academy of Child and Adolescent Psychiatry-Open, 2(4), 239-249.*
- **Peviani, K., Clinchard, C.,** Bickel, W., Casas, B., & Kim-Spoon, J. (2024). **Longitudinal associations among socioeconomic status, delay discounting, and substance use in adolescence.** *Journal of Youth and Adolescence, 53, 2706-2716.*

MANUSCRIPTS UNDER REVIEW

- **Aras, B. N.,** Gulseven, Z., Kumru, A., Carlo, G., Rudy, D., Sayil, M., & Selcuk, B. **Developmental trajectories of Turkish children’s prosocial behaviors: Relations with multiple parenting practices.** Invited manuscript submitted for a special issue. *(under review).*
- **Diaz Benitez, V.,** Hornburg, C.B., Diaz, V., Smith, C.L., & Bell, M.A. **Child-centered parenting during late childhood predicts adolescents’ mathematics achievement via child working memory.** *Cognitive Development (invited revision).*
- **Clinchard, C., Lindenmuth, M.,** Folker, A., **Brieant, A.,** Deater-Deckard, K., Casas, B., & Kim-Spoon, J. **Low income and income variability in the prediction of adolescent executive function development.** *(under review).*
- **Ermanni, B.,** & Bell, M.A. **Exploring person-centered techniques: A scoping review of temperament subtypes in infancy through childhood.** *International Journal of Behavioral Development. (invited revision).*
- **Harrison jr., J.D.,** & Bell, M.A. **Theta activation to attentional demand in middle childhood: The roles of task, development, and temperament.** *Psychophysiology (under review).*
- **Lindenmuth, M., Meyer, C.,** Lee, J., Steinberg, L., Casas, B., & Kim-Spoon, J. **Unpredictability in adolescence predicts positive social risk taking through neural cognitive control.** *(manuscript under review).*
- Treves, I., ***Chen, Y.-Y.,** *Wilson, C., Verdonk, C., Qina‘au J. ... & Khalsa, S. S. **Minding the Body: A Meta-analysis of the Effects of Mindfulness Meditation Training on Self-reported Interoception.** *(under review)*Shared second author.*
- **Chen, Y.-Y.,** Zhou, Z., Qu, Y., & Lee, T.-H. **From Family Relationship to Regulation: Parent–Child Amygdala Activation Similarity is Linked to Prefrontal Recruitment and Youth Emotional Adaptation.** *(under review)*
- ***Rahrig, H.,** *Lipsett, M., ... ,***Chen, Y.-Y.,,** ... & Wilson-Mendenhall, C. D. **Embodying well-being in research: Key principles and praxis.** *(under review)*Shared first author.*

RECENT GRADUATE PLACEMENTS

Briana Ermanni, PhD

SRCD State Policy Postdoctoral Fellow, New Hampshire Child Development Bureau and Office of Head Start.

Morgan Lindenmuth, PhD

T32 post-doctoral fellows in the Department of Psychiatry and the University of Pittsburgh School of Medicine, University of Pittsburgh, PA



CONFERENCE PRESENTATIONS

- **SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT** May 2025, Minneapolis, MN.
 - Aras, B. N.,** Gulseven, Z., Kumru, A., Sayil, M., & Selcuk, B. *Longitudinal Relations between mothers’ social support and children’s emotional development: Mediating role of parenting behaviors* [Poster].
 - Aras, B. N.,** Gulseven, Z., Kumru, A., Sayil, M., & Selcuk, B. *Longitudinal relations between parenting practices and Turkish children’s prosocial behaviors: Mediating role of emotional development* [Poster]
 - Bell, M.A., Patton, L.A., **Harrison jr., J.D.,** Davinson, K., Wang, Z., & Cuevas, K. *Does resting-state stimulus affect concurrent and predictive validity of alpha EEG measures during infancy?* [Poster]
 - de la Rosa, I., Ermanni, B.,** Bell, MA. *Anxiety problems during toddlerhood: Child temperamental discomfort and maternal intrusive behaviors in a community sample.*
 - Diaz Benitez, V.,** Hornburg, C.B., Diaz, V., Smith, C.L., & Bell, M.A. *Maternal supportive parenting during late childhood predicts adolescents’ mathematics achievement via child executive functions.* [Poster]
 - Ermanni, B.,** & Bell, M.A.. *Latent profiles as a tool to identify temperament patterns vulnerable to maladaptive outcomes.* [Poster].
 - Hafezi, S., Clinchard, C., D., Lindenmuth, M.,** Rader, M., Casas, B, & Kim-Spoon, J. *Early life adverse experiences predict mental and health risk outcomes during COVID-19 in young adulthood.* [Poster].
 - Harrison jr., J.D.,** & Bell, M.A. *Theta EEG power sensitivity to attentional demand: Associations with age and temperament.* [Poster].
 - Kreidell, K.,** Gulseven, Z.. *U.S. Latine Youth’s Familism and Prosocial Behavior: Longitudinal Relations and Mediating Role of Cultural Orientation.* [Poster]
 - Lindenmuth, M.,** Casas, B, & Kim-Spoon, J. *Pathways from childhood maltreatment to mental health outcomes: The roles of pubertal timing and tempo with neurocognitive development* (2025, May). [Paper]
 - Lindenmuth, M.,** Rader, M., Lee, J., Casas, B., & Kim-Spoon, J. *Environmental Unpredictability in adolescence predicts future social risk-taking through longitudinal changes in neural cognitive control.* [Poster].
 - Meyer, C., Lindenmuth, M.,** Rader, M., Casas, B, & Kim-Spoon, J.. *The effects of early abuse on anxiety symptoms in early adulthood: The mediating role of avoidant tendencies in late adolescence.* [Poster].
 - Netto, M.,** Wilson, A., Hall, A., Cassidy, J., Wales, E., & Panneton, R.. *Toddlers’ Multisensory Integration Bit by Bit: A Microanalytic Approach for Understanding Attention and Language* [Poster].
 - Netto, M.** Mills-Smith, L., M., Wilson, A., Hall, A., Cassidy, J., Wales, E., & Panneton, R. *Temperament Differentially Predicts Receptive and Expressive Language Skills in 15-month-olds Depending on Gender* [Poster]
- **SOCIETY FOR THE STUDY OF EMERGING ADULTHOOD** June 2025.
 - Clinchard, C.,** Casas, B., & Kim-Spoon, J. *Longitudinal pathways from childhood adversity to the growth of internalizing and externalizing symptoms throughout adolescence and young adulthood through peer victimization.* [Paper].
 - Clinchard, C.,** Casas, B., & Kim-Spoon, J. *Pathways from child maltreatment to posttraumatic stress disorder in young adulthood, mediated by cognitive flexibility and expressive suppression.* [Paper].
- **ASSOCIATION FOR PSYCHOLOGICAL SCIENCE (APS)** May 2025, Washington DC
 - Schaefer, M., Alvarado-Resendiz, T., Moreno, J. M., **Chen, Y.-Y.,** Harb, F., Rahrig, H., Adams, E. V., Richter, C. G., Wilson-Mendenhall, C. D., & Wicker, . *Dismantling Hierarchy in Academic Workshops to Foster Community and Care: A Qualitative Investigation.* [Poster]
- **INTERNATIONAL SOCIETY FOR DEVELOPMENTAL PSYCHOBIOLOGY** October 2024, Chicago, IL
 - Diaz Benitez, V.,** & Bell, M.A. *Child sex and SES double moderate the association between temperamental negative affect in late childhood and executive functioning in adolescence.* [Poster].
 - Ermanni, B.,** & Bell, M.A. *Exploration of infant temperament profiles and concurrent relations to resting-state EEG coherence.* [Poster].
 - Harrison jr., J.D.,** & Bell, M.A. *Individual differences in baseline corrected theta coherence is not influenced by congruency effects or temperament.* [Poster].
- **SOCIETY FOR NEUROSCIENCE** October 2024, Chicago, IL
 - Chen, Y.-Y.,** Katz, B., Kim, I., & Lee, T.-H. *Task-based functional connectivity of locus coeruleus-salience network and attentional distractibility in young adults..* [Paper].
- **GERONTOLOGY RESEARCH SOCIETY** November 2024, Seattle, WA
 - Seago, E., **Chen, Y.-Y.,** Lee, T.-H., & Katz, B. *Family History of Alzheimer’s Disease and Locus Coeruleus Activation in Healthy Older and Younger Adults.* [Poster].
- **UNDERGRADUATE SUMMER RESEARCH CONFERENCE** July 2025, Blacksburg, VA
 - Fearer, E., **Ermanni, B.,** & Bell, M.A.. *Examining relations between maternal intrusiveness and ADHD symptoms in children with low inhibitory control.* [Poster].
 - Stockli, C.*, **de la Rosa, I.,** Bell, MA.. *Maternal Intrusiveness Impacts Receptive Vocabulary: Inhibitory Control as a Moderator in Early Development* [Poster].
- **FLUX CONGRESS** September 2024, Baltimore, MD
 - Lindenmuth, M., Chen, Y.,** Lee, T., Lee, J., Casas, B., & Kim-Spoon, J.. *Childhood Maltreatment Effects on Cognitive Control Related Functional Connectivity Changes Across Adolescence: Prospective Associations with Mental Health Outcomes.* [Poster]
- **ORGANIZATION FOR HUMAN BRAIN MAPPING** June 2024, Seoul, Korea
 - Kim-Spoon, J., **Chen, Y.,** Lee, T., **Lindenmuth, M., Clinchard, C.,** Lee, J., Casas, B. *The neural processing of cognitive control deters substance use through altruism.* [Poster].
- **SOCIETY FOR INDUSTRIALAND ORGANIZATIONAL PSYCHOLOGY** April 2025, Denver, CO
 - Huynh, C. & **Netto, M.** *All You Need is Love: Applying Relationship Science to I-O Psychology* [Poster].
 - Kalmar, S., **Netto, M.** & Huynh, C. *Developing and Validating Achievement Motivation SJTs Across Contexts* [Poster].
 - Netto, M.** & Shafer, E. *Bridging Developmental Disparities: Leveraging Developmental Psychology to Combat Selection Bias and Promote Equity in Workforce Practices* [Paper].
- **DENNIS DEAN UNDERGRADUATE RESEARCH CONFERENCE** April 2025, Blacksburg, VA
 - Cuthbertson, R., **de la Rosa, I.,** Bell, MA. *From Infancy to Toddlerhood: How Maternal Sensitivity and Inhibitory Control Shape Anxiety Outcomes.* [Poster]
 - Leon, B., **Aras, B. N.,** & Gulseven, Z. *Understanding the relations between social responsibility and college students’ prosocial tendencies* [Poster].
 - Powell, J., **Kreidell, K.,** & Gulseven, Z. *The Influnce of Parental Psychological Control on Emotional, Public, & Altruistic Prosocial Behaviors* [Poster].
 - Szenas, N., **Chen, Y.-Y.,** & Lee, T.-H.. *Validating Behavioral Tasks for Measuring Aggression and Prosociality Using Self-Report Measures.* [Poster]
 - Zheng, X., **Kreidell, K.,** & Gulseven, Z. *Relations Between Substance Use and Prosocial Behavior in College Students* [Poster]
- **PSYCHOLOGY DEPARTMENT POSTER SHOWCASE** 2025, Blacksburg, VA
 - Kreidell, K.,** Gulseven, Z. *U.S. Latine Youth’s Familism and Prosocial Behavior: Longitudinal Relations and Mediating Role of Cultural Orientation* [Poster].
- **baby BEAR summit** May 2025, West Palm Beach, FL
 - Harrison jr., J.D.** A discussion of HAPPLIEE and JLC affinity. [Talk].

HONORS and AWARDS

Bengisu Nisa Aras

Ya-Yun Chen

Isabela de la Rosa

Kennedy Kreidell

Society for Research in Child Development (SRCD), Graduate Travel Award

SfN 2025 Trainee Professional Development Award

International Society for Developmental Psychobiology Travel Award

Russell Jones Award for Excellence in Diverse Research