

MARTA KOROM

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EDUCATION

- National Institute of Mental Health, Intramural Research Program** Starting: Fall 2024
Advisors: Katharina Kircanski, PhD and Daniel Pine, PhD
- University of Delaware, Department of Psychological and Brain Sciences, Newark, DE** Expected: Summer 2024
PhD in Clinical Science, August 2024
MA in Clinical Psychology, February 2021
Advisor: Mary Dozier, PhD
- Medical University of South Carolina, Charleston Consortium, Charleston, SC** 2023 - 2024
Clinical Psychology Predoctoral Internship, Traumatic Stress Track
Research Advisor: Carla Kmett Danielson, PhD
- Teachers College, Columbia University, New York, NY** 2015 - 2018
MA in Personality and Psychopathology, Research Methods Concentration
- University of Szeged, Institute of Psychology, Szeged, Hungary** 2012 - 2015
MA in Psychology
B.A. in Human Behavior Analysis 2009 - 2012

RELATED PROFESSIONAL DEVELOPMENT

- University of the West Indies, St. Augustine, Trinidad and Tobago Spring 2014
Study-Away Scholarship
- Trinity College, Hartford, CT Fall 2013
Kellner Scholarship

HONORS AND AWARDS

- University of Delaware, Dissertation Fellowship 2022
- International Society of Developmental Psychobiology (ISDP), Travel Award 2021, 2022
- University of Delaware, Graduate Student Travel Award 2022, 2023
- Young Investigator Award, Fetal, Infant, and Toddler Neuroimaging Group 2022
- Fiorito Travel Award, University of Delaware, Department of Psychological and Brain Sciences 2019, 2021, 2023
- University of Delaware, Doctoral Fellowship Award 2021, 2022
- International Student Scholarship, Teachers College, Columbia University 2017
- Graduate Student Scholarship, Hungarian Initiatives Foundation 2016, 2017
- Teaching Assistant Scholarship in Statistics, University of Szeged, Hungary 2015
- Faculty of Honors, Trinity College, Hartford, CT 2013
- Global Outreach Scholarship, Xavier High School, Appleton, WI 2006

PUBLICATIONS

+ Indicates trainee; * Indicates equal first authorship

Published

1. **Korom, M.**, Goldstein, A., Tabachnick, A.R., Palmwood, E.N., Simons, R.F., Dozier, M. (2020). Early parenting intervention accelerates inhibitory control development among CPS-involved children in middle childhood: A randomized clinical trial. *Developmental Science*, e13054. <https://doi.org/10.1111/desc.13054>
2. VanTieghem, M., **Korom, M.**, Flannery, J., Varman, L., Choy, T., Caldera, Ch., Gabard-Durnam, L., Goff, B., Gee, D., Humphreys, K., Telzer, E., Shapiro, M., Louie, J., Fareri, D., Bolger, N., & Tottenham, N. (2021). Longitudinal changes in amygdala, hippocampus and cortisol development following early caregiving adversity. *Developmental Cognitive Neuroscience*, 48(100916). <https://doi.org/10.1016/j.dcn.2021.100916>
3. **Korom, M.**, & Dozier, M. (2021). The importance of responsive parenting for vulnerable infants. *Advances in Child Development and Behavior*, 61, 43–71. <https://doi.org/10.1016/bs.acdb.2021.03.001>
4. **Korom, M.**, Tottenham, N., Valadez, E., & Dozier, M. (2021). Associations between cortical thickness and anxious/depressive symptoms differ by the quality of early care. *Development and Psychopathology*, 1-12. doi:10.1017/S0954579421000845
5. **Korom, M.**, Callaghan, B.L., VanTieghem, M., Silvers, J.A., Choy, T., Kalter, J., Blumenthal, E. and Tottenham, N. (2022), Shifting children’s attentional focus to emotions during art museum experiences. *The British Journal of Developmental Psychology*, 40, 73-91. <https://doi.org/10.1111/bjdp.12390>
6. **Korom, M.***, Camacho, M. C.*, Filippi, C. A., Licandro, R., Moore, L. A., Dufford, A., Zöllei, L., Graham, A. M., Spann, M., Howell, B., FIT’NG, Shultz, S., & Scheinost, D. (2022). Dear reviewers: Responses to common reviewer critiques about infant neuroimaging studies. *Developmental Cognitive Neuroscience*, 53, 101055. <https://doi.org/10.1016/j.dcn.2021.101055>
7. Pollatou, A., Filippi, C. A., Aydin, E., Vaughn, K., Thompson, D., **Korom, M.**, Dufford, A. J., Howell, B., Zöllei, L., Martino, A. D., Graham, A., FIT’NG Group, Scheinost, D., & Spann, M. N. (2022). An ode to fetal, infant, and toddler neuroimaging: Chronicling early clinical to research applications with MRI, and an introduction to an academic society connecting the field. *Developmental Cognitive Neuroscience*, 54, 101083. <https://doi.org/10.1016/j.dcn.2022.101083>
8. Bourne, S.V., **Korom, M.** & Dozier, M. Consequences of Inadequate Caregiving for Children’s Attachment, Neurobiological Development, and Adaptive Functioning. *Clinical Child and Family Psychology Review*, 25, 166–181 (2022). <https://doi.org/10.1007/s10567-022-00386-4>
9. Fetal, Infant, and Toddler Neuroimaging Group (FIT’NG), **Korom, M.**, Camacho, M. C., Ford, A., Taha, H., Scheinost, D., Spann, M., and Vaughn, K. A. (2022). An opportunity to increase collaborative science in fetal, infant, and toddler neuroimaging. *Biological Psychiatry*, S0006-3223(22)01436-6. Advance online publication. <https://doi.org/10.1016/j.biopsych.2022.07.005>
10. Spann, M. N., Wisnowski, J. L., HBCD Phase I Scanning Young Populations Working Group, Christopher D. Smyser, C. D., **Fetal, Infant, and Toddler Neuroimaging Group**, Howell, B., Dean, D.C. III. The Science, Art and Secrets of Scanning Young Children. *Biological Psychiatry*. <https://doi.org/10.1016/j.biopsych.2022.09.025>
11. Valadez, E. A., Tottenham, N., **Korom, M.**, Tabachnick, A. R., Pine, D. S., & Dozier, M. (2023). A Randomized Controlled Trial of a Parenting Intervention During Infancy Alters Amygdala-Prefrontal Circuitry in Middle Childhood. *Journal of the American Academy of Child and Adolescent Psychiatry*, S0890-8567(23)00343-X. Advance online publication. <https://doi.org/10.1016/j.jaac.2023.06.015>
12. **Korom, M.**, Tabachnick, A. R., Sellers, T., Valadez, E. A., Tottenham, N., & Dozier, M. (2023). Associations between cortical thickness and parasympathetic nervous system functioning during middle childhood. *Psychophysiology*, 00, e14391. <https://onlinelibrary.wiley.com/doi/10.1111/psyp.14391>

Under Review or In Preparation

1. **Korom, M.**, Valadez, E., Tottenham, N., Dozier, M., & Spielberg, J. M. Early parenting intervention effects on amygdala-orbitofrontal cortex resting-state functional connectivity and associated emotion regulation among high-risk children: a randomized clinical trial. Under review.

2. Chen, H. W., Katz, D., **Korom, M.**, & Dozier, M. Effects of Maternal Sensitivity on the Growth Trajectory of Emotion Regulation in Middle Childhood among CPS-Involved Children. Under review.
3. **Korom, M.**, Dozier, M., Chen, H. W., Tottenham, N., & Spielberg, J. M. Causal effects of an early attachment-based intervention on resting-state graph properties of high-risk adolescents. In preparation.
4. **Korom, M.**, Chen, H. W., Tottenham, N., Dozier, M., & Spielberg, J. M. Early Parenting Intervention Effects on Amygdala Volume and Associated Internalizing Symptoms Among High-Risk Adolescents: A Randomized Clinical Trial. In preparation.
5. Manassis, A., Rutter, T., Wagner, L., Cook, K., Selvanathan, T., **Korom, M.**, Merrill, L., Bick, J. & Fetal, Infant, and Toddler Neuroimaging Group (FIT'NG). Perinatal risk and later intellectual and developmental disabilities. In preparation.
6. **Korom, M.**, Garnett, M. L., Sellers, T., Carrera, P., Patel, K., & Dozier, M. Functional coupling between two systems of hormonal regulation: diurnal cortisol regulation and cortisol reactivity. *In prep.*
7. Chen, H. W., **Korom, M.**, Spielberg, J. M., Tottenham, N., & Dozier, M. Longitudinal implications of parental intrusiveness: Associations with amygdala responses to parent and emotional reactivity in adolescence. In preparation.

CONFERENCE AND POSTER PRESENTATIONS

1. Patel, K., Hamill, T., Chen, H. W., **Korom, M.**, Carrera, P., Garnett, M., Tabachnick, A. R., & Dozier, M. Diurnal cortisol patterns and parental sensitivity among pregnant women with and without opioid use disorder. 18th World Congress for the World Association for Infant Mental Health (WAIMH), Dublin, Ireland (July, 2023).
2. **Korom, M.**, Chen, H. W., Tottenham, N., Dozier, M., & Spielberg, J. M. Early Parenting Intervention Effects on Amygdala Nuclei Volume and Associated Internalizing Symptoms Among High-Risk Adolescents: A Randomized Clinical Trial. International Society for Developmental Psychobiology, San Diego, CA (November, 2022).
3. **Korom, M.**, Chen, H. W., Tottenham, N., Dozier, M., & Spielberg, J. M. Early parenting intervention effects on amygdala volume and associated internalizing symptoms among high-risk adolescents: A randomized clinical trial. FLUX Society's Annual Conference, Paris, France (September 7-9, 2022).
4. **Korom, M.**, Margolis, M., Asencio, B., Howell, B., & Dozier, M. Early parenting intervention effects on amygdala volume in infants exposed to opioids in utero: A randomized clinical trial. Fetal, Infant, Toddler Neuroimaging Group's Annual Conference, Paris, France (September 5-6, 2022).
5. **Korom, M.**, Spielberg, J. M., Valadez, E., Tottenham, N., & Dozier, N. Early parenting intervention effects on amygdala-orbitofrontal cortex resting-state functional connectivity and associated emotion regulation among high-risk children: a randomized clinical trial. International Society for Developmental Psychobiology, Chicago, IL (November 2021).
6. **Korom, M.**, Valadez, E., McLaughlin, K. & Dozier, N. Risk Status Interacts with Anxious/Depressed Symptoms in Predicting Cortical Thickness in Middle Childhood: A Cross-Sectional Study of Structural Brain Changes among CPS-involved Children and Comparisons. Society for Psychophysiological Research, Washington DC (September 2019).
7. VanTieghem, M., **Korom, M.**, Flannery, J., Varman, L., Choy, T., Caldera, Ch., Gabard-Durnam, L., Goff, B., Gee, D., Humphreys, K., Telzer, E., Shapiro, M., Louie, J., Fareri, D., Bolger, N., & Tottenham, N. Altered developmental trajectories of stress physiology and subcortical neurobiology following early caregiving adversity. Society for Research in Child Development, Baltimore, MD (March 2019).
8. VanTieghem, M., **Korom, M.**, Flannery, J., Varman, L., Choy, T., Caldera, Ch., Gabard-Durnam, L., Goff, B., Gee, D., Humphreys, K., Telzer, E., Shapiro, M., Louie, J., Fareri, D., Bolger, N., & Tottenham, N. Altered developmental trajectories of stress physiology and subcortical neurobiology following early caregiving adversity. 51st Annual Meeting of the International Society for Developmental Psychobiology, San Diego, CA (October 2018).
9. **Korom, M.**, Callaghan, B., VanTieghem, M., Silvers, J., Choy, T. & Tottenham, N. The power of self-generated emotions: effects of educators' instructions and dyadic interactions on children's experiences at the Metropolitan Museum of Art. Presentation at the Uris Center for Education at the Metropolitan Museum of Art, New York, NY (June 2018)
10. **Korom, M.**, Callaghan, B., VanTieghem, M., Silvers, J., Choy, T. & Tottenham, N. The power of self-generated emotions: effects of educators' instructions and dyadic interactions on children's experiences at the Metropolitan Museum of Art. Poster to be presented at the master's Thesis Conference at Teachers College, Columbia University (May 2018).

11. **Korom, M.,** Laszlo, Sz. & Orosz, G. “Conscious and unconscious decision-making processes: Putting somatic markers in laboratory social context.” XI. International Association Conference of Vojvodina, Subotica, Serbia (November 2012).

SCIENTIFIC SOCIETY MEMBERSHIP

Society of Clinical Child and Adolescent Psychology - Division 53 of the American Psychological Association - Networking and Listserv Committee Member

Fetal, Infant, & Toddler Neuroimaging Group (FIT'NG) – Trainee and Programming Committee Member

FLUX Society – Student member

PEER REVIEWER EXPERIENCE

Archives of Suicide Research, Journal of Child Psychology and Psychiatry, Biological Psychiatry, Brain Topography

CLINICAL EXPERIENCE

Medical University of South Carolina, Charleston Consortium, Charleston, SC 2023 – 2024
Clinical Supervisors: Alexis Garcia, PhD and Regan Stewart, PhD
Research Supervisor: Carla Kmett Danielson, PhD

Nemours / A.I. duPont Hospital for Children, Wilmington, DE 2021 - 2023
Clinical Supervisor: Christina Marie Cammarata, PhD

Psychological Services Training Center, University of Delaware, Newark, DE 2019 – 2023
Clinical Supervisors: Ryan Beveridge, PhD, Briana Haut, PsyD, Franssy Zablah, PhD, and Mary Dozier, PhD

Department of Child and Adolescent Psychiatry, University of Szeged, Faculty of Medicine, Szeged, Hungary 2015

St. Jude's Home for Girls, Port of Spain, Trinidad and Tobago
Clinical Supervisor: Nidhi Kirpalani, MA Spring 2014

TEACHING EXPERIENCE

Research Methods, Teaching Assistant, University of Delaware, Newark, DE Fall, 2018
Professor: Mary Dozier, PhD

Developmental Psychology, Teaching Assistant, University of Delaware, Newark, DE Spring, 2019
Professor: Julie Hubbard, PhD

Attachment Theory and Research Seminar, Visiting Lecturer Haverford College, Haverford, PA Spring, 2021
Professor: Stacia Bourne, PhD

ACADEMIC TRAININGS

Functional MRI Visiting Fellowship, Massachusetts General Hospital, Boston, MA November 2016

Facial Action Coding System (FACS), Teachers College, Columbia University, New York, NY Fall 2015

SKILLS

Coding skills: R, SPSS, Mplus, Excel, Unix

Brain imaging software: FreeSurfer (tkmedit, Qdec, Freeview), FSL, AutoSeg, iBeat, BIBSnet, GTG

LANGUAGES

Hungarian (native language), English (fluent), Italian and Serbian (working proficiency), Spanish (elementary level)