

Delaina Carlson, M.A.

Doctoral student

University of Connecticut

Department of Human Development and Family Sciences

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Education:

- 2023 - 2028
(anticipated) **Ph.D. in Human Development and Family Sciences**
University of Connecticut, Storrs, CT
Committee Chair: Dr. Rachel Chazan Cohen
- 2023 - 2025 **M.A. in Human Development and Family Sciences**
University of Connecticut, Storrs, CT
Thesis: The early development of self-regulation in the context of poverty:
Links with household chaos and parenting
- 2008 - 2012 **B.S. in Applied Developmental Psychology**
University of Pittsburgh, Pittsburgh, PA

Research Experience:

- 2023 - **Graduate Research Assistant**
Connecticut Early Years, Applied Research on Children (ARC) Lab,
University of Connecticut
- 2021 - 2024 **Research Assistant**
Media and Health Behaviors Research Laboratory, Dartmouth College
- 2011 - 2012 **Undergraduate Research Assistant**
Dr. Heather Bachman, University of Pittsburgh
- 2010 - 2011 **Undergraduate Research Assistant**
Laboratory of Neurocognitive Development, University of Pittsburgh

Publications Under Review:

Gliske, K., Buchanan, G., **Carlson, D.**, Cai, Q., Waring, M., & Zhang, N. (under review)
Mindfulness-Based Interventions for Mental Health among Perinatal Women and Birthing
People: An Overview of Systematic Reviews and Meta-Analyses.

Zhang, Z., Yeum, D., Reiner, T., **Carlson, D.**, Gilbert-Diamond, D., & Emond, J.A. (under review) Validating a Short Version of the External Food Cue Responsiveness Scale (EFCR-6) in Preadolescents: Initial Evidence on Validity and Reliability.

Zhang, Z., **Carlson, D.**, Borowy, C., Ge, M., Gilbert-Diamond, D., & Emond, J.A. (under review) Associations between household chaos and appetitive traits in preschoolers and preadolescents.

Renier, T.J., **Carlson, D.**, Gilbert-Diamond, D., Emond, J.A. (under review) Composite summary scores capture obesogenic eating risk among preadolescents using the Child Eating Behavior Questionnaire.

Publications:

Brand, J., Stanger, C., Borowy, C., Shelto, E., **Carlson, D.**, Yang, M.-J., & Gilbert-Diamond, D. (2026). Negative affect mediates the association between negative news exposure and eye-tracking measures of attentional bias to food and alcohol cues among college students. *PLOS One*, 21(4), e0342572. <https://doi.org/10.1371/journal.pone.0342572>

Cook, K.D., Lombardi, C., & **Carlson, D.** (2026). Early Head Start services available to and experienced by families and children. *Child & Youth Care Forum*.
<https://doi.org/10.1007/s10566-026-09943-2>

Carlson, D., Cook, K.D., and Lombardi, C. (2025). Who has access to early head start home-visiting and center-based services? Storrs, CT: UConn Collaboratory on School and Child Health. Available from: <http://csch.uconn.edu/>.

Emond, J. A., Renier, T. J., Yeum, D., **Carlson, D. D.**, Ballarino, G. A., & Gilbert-Diamond, D. (2025). Association between the Taq1A polymorphism and problematic media use in preadolescent children. *Frontiers in Psychology*, 15, 1395957.
<https://doi.org/10.3389/fpsyg.2024.1395957>

Dorris, H. J., **Carlson, D. D.**, Ballarino, G. A., Lopez, N. V., & Emond, J. A. (2025). The Performance of Ankle-and Waist-Based Accelerometry in Quantifying Physical Activity Intensity Among 6-to 24-Month-Year-Olds: A Semistructured Laboratory Study. *Child: Care, Health and Development*, 51(1), e70035. <https://doi.org/10.1111/cch.70035>

Yeum, D., Renier, T. J., Masterson, T. D., **Carlson, D. D.**, Ballarino, G. A., Lansigan, R. K., Loos, R. J. F., Emond, J. A., & Gilbert-Diamond, D. (2025). Genetic associations with consumption of palatable foods in the absence of hunger in response to food cues in children. *Pediatric Obesity*, e13168. <https://doi.org/10.1111/ijpo.13168>

Huang, R., Chazan-Cohen, R., & **Carlson, D.** (2024). Early Family Conflict and Behavioral Outcomes in Children from Low-Income Families: The Indirect Effects of Parental Depression and Parenting Practices. *International Journal of Environmental Research and Public Health*, 21(12), 1664. <https://doi.org/10.3390/ijerph21121664>

Yeum, D., Renier, T. J., **Carlson, D. D.**, Ballarino, G. A., Lansigan, R. K., Meyer, M. L., Loos, R. J. F., Emond, J. A., Masterson, T. D., & Gilbert-Diamond, D. (2024). Genetic associations with neural reward responsivity to food cues in children. *Frontiers in Nutrition*, 11, 1387514. <https://doi.org/10.3389/fnut.2024.1387514>

Godzik, C. M., **Carlson, D. D.**, Pashchenko, O. I., Ballarino, G. A., & Emond, J. A. (2024). Within-child associations between sleep quality and emotional self-regulation over 6 months among preschool-aged (3- to 5-year-old) children. *Frontiers in Sleep*, 3. <https://doi.org/10.3389/frsle.2024.1420245>

Emond, J. A., **Carlson, D.**, Ballarino, G., & Domoff, S. E. (2024). Validating the problematic media use measure in preschool-aged children: Associations with children's screen media use, bothersome pestering to use screen media, and emotional self-regulation. *Technology, Mind, and Behavior*, 5(3: Fall 2024). <https://doi.org/10.1037/tmb0000135>

Zhang, Z., **Carlson, D.**, Gilbert-Diamond, D., & Emond, J. A. (2024). Associations between sleep and appetitive traits in higher-income preschoolers: A six-month study. *Appetite*, 196, 107254. <https://doi.org/10.1016/j.appet.2024.107254>

Renier, T. J., Yeum, D., Emond, J. A., Lansigan, R. K., Ballarino, G. A., **Carlson, D. D.**, Loos, R. J. F., & Gilbert-Diamond, D. (2023). Elucidating pathways to pediatric obesity: A study evaluating obesity polygenic risk scores related to appetitive traits in children. *International Journal of Obesity* (2005). <https://doi.org/10.1038/s41366-023-01385-3>

Yeum, D., Jimenez, C. A., Emond, J. A., Meyer, M. L., Lansigan, R. K., **Carlson, D. D.**, Ballarino, G. A., Gilbert-Diamond, D., & Masterson, T. D. (2023). Differential neural reward reactivity in response to food advertising medium in children. *Frontiers in neuroscience*, 17, 1052384. <https://doi.org/10.3389/fnins.2023.1052384>

Yeum, D., Gilbert-Diamond, D., Masterson, T. D., **Carlson, D. D.**, Ballarino, G. A., Lansigan, R. K., Renier, T. J., & Emond, J. A. (2023). Associations between behavioral self-regulation and external food cue responsiveness (EFCR) in preschool-age children and evidence of modification by parenting style. *Appetite*, 106637. <https://doi.org/10.1016/j.appet.2023.106637>

Brand, J., **Carlson, D.**, Ballarino, G., Lansigan, R. K., Emond, J., & Gilbert-Diamond, D. (2022). Attention to food cues following media multitasking is associated with cross-sectional BMI among adolescents. *Frontiers in psychology*, 13, 992450. <https://doi.org/10.3389/fpsyg.2022.992450>

Conference Presentations:

Carlson, D., Chazan-Cohen, R., Kim, L., Coburn, M.K., Baez, S., McQuiston, S., Mateo-Marin, J. & Lombardi, C. (2026, November). *Connecticut Early Years: Bringing comprehensive*

services to infants and toddlers in child care. Paper presented at the National Council on Family Relations Annual Conference, Minneapolis, MN.

Carlson, D., Kim, L., Lombardi, C., & Chazan-Cohen, R. (2026, November). *Associations between parenting stress among working parents and toddler health behaviors.* Paper presented at the American Public Health Association 2026 Annual Meeting, San Antonio, TX.

Kim, L., Chazan-Cohen, R., **Carlson, D.,** Sabelli, R., & Lombardi, C. (2026, November). *Assessing the role of Connecticut Early Years in facilitating access to services: Family needs and service alignment.* Poster presented at the American Public Health Association 2026 Annual Meeting, San Antonio, TX.

Carlson, D., Chazan-Cohen, R., Kim, L., & Lombardi, C. (2026, October). *The Importance of Family Goals for Determining Connecticut Early Years Services.* Paper presented at the World Association for Infant Mental Health Congress, Toronto, ON.

Chazan-Cohen, R., **Carlson, D.,** Kim, L., Coburn, M.K., & Lombardi, C. (2026, October). *Bringing Home Visiting Expertise to Community Child Care Settings: An Overview of CT Early Years.* Paper presented at the World Association for Infant Mental Health Congress, Toronto, ON.

Kim, L., Lombardi, C., **Carlson, D.,** & Chazan-Cohen, R. (2026, October). *Descriptive Insights into Service Modality and Primary Focus in Connecticut Early Years.* Paper presented at the World Association for Infant Mental Health Congress, Toronto, ON.

Carlson, D., & Chazan-Cohen, R. (2026, June). *Differing perspectives on young children's self-regulation: How the role of home and classroom environments vary by reporter.* Poster presented at the National Research Conference on Early Childhood, Arlington, VA.

Kim, L., Lombardi, C., **Carlson, D.,** Baez, S., Chazan-Cohen, R. (2026, June). *Perceptions and Experiences of Family Consultants Implementing Connecticut Early Years: Integrated Comprehensive Services in Community-Based Child Care.* Poster presented at the National Research Conference on Early Childhood, Arlington, VA.

Chazan-Cohen, R., **Carlson, D.,** Kim, L., Coburn, M.K., & Lombardi, C. (2026, June). *Examples of successful alignment between early childhood systems: What does it take and what does it mean for children and families?* Paper presented at the National Research Conference on Early Childhood, Arlington, VA.

Zhang, Z., **Carlson, D.,** Gilbert-Diamond, D., Emond, J. (2026, April). *The Association between Parenting Styles and Added Sugar Intake in Preschool-Aged Children.* Poster presented at the annual meeting of the Society for Behavioral Medicine, Chicago, IL.

Lombardi, C., Chazan-Cohen, R., Kim, L., & **Carlson, D.** (2025, November). *Early insights from Connecticut Early Years: Integrating comprehensive services in community-based infant-*

toddler child care settings. Paper presented at the annual meeting of the Association for Public Policy Analysis & Management, Seattle, WA.

Carlson, D., Huang, R., & Chazan-Cohen, R. (2025, May). *Early Family Conflict as Precursors of Children's Later Behavioral Outcomes: Underlying Mechanisms*. Paper presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Carlson, D., & Chazan-Cohen, R. (2025, May). *Associations between toddler social emotional behavior, household chaos and parental sensitivity in a low-income sample*. Poster presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Renier, T., **Carlson, D.**, Gilbert-Diamond, D., & Emond, J. (2024, November). *Developing a Composite Obesogenic Eating Risk Score From the Child Eating Behavior Questionnaire*. *OBSITY* (Vol. 32, pp. 73-73).

Zhang, Z., Yeum, D., **Carlson, D.**, Gilbert-Diamond, D., & Emond, J. (2024, November). *Validating a short version of the external food cue responsiveness scale (EFCR-7) in preadolescents*. *OBSITY* (Vol. 32, pp. 74-74).

Emond JA, **Carlson D**, Ballarino G, Ye H, Dorris H, Lopez NV. *The performance of ankle-based accelerometry in quantifying physical activity intensity among 6-to-24-year-olds*. Accepted as an oral presentation to the Society for Behavioral Medicine 2024 annual meeting. March 15, 2024. Philadelphia, PA.

Emond J., Ballarino G., **Carlson D.**, Lansigan R., Godzik C., & Gilbert-Diamond, D. *Disordered sleep and emotional self-regulation in a prospective cohort of preschool-age children*. The 36th Annual Meeting of the Associated Professional Sleep Societies (SLEEP 2022). Charlotte, North Carolina. June 5, 2022.

Professional Experience:

2013 - 2014	Early Intervention: Developmental Educator and Service Coordinator The Family Place, Norwich, VT
2012 - 2013	Family Support: Specialized Child Care Coordinator The Family Place, Norwich, VT
2011 - 2012	Education Programs Intern Homeless Children's Education Fund, Pittsburgh, PA
2014 - 2021	Nanny
2014 - 2016	Assistant Classroom Teacher Toddler's Morning Out, Hanover, NH
2010 - 2011	Assistant Group Supervisor The Children's Center of Pittsburgh, Pittsburgh, PA
2008 - 2010	Assistant Group Supervisor Point Park University Children's School, Pittsburgh, PA
2009	Group Supervisor Our Little Ones, Meadville, PA
2008	After-school Program Mentor Crawford County School District, Meadville, PA

Community Service:

2016 - 2019	Board of Directors <i>(served as President from 2017-2019)</i> Toddler's Morning Out, Hanover, NH
2016 - 2018	Lebanon Plays, Community Playground Project Committee Lebanon Parks and Recreation, Lebanon, NH
2011 - 2012	After-school program volunteer Debra House: Bridge to Independence (Homeless Shelter), Braddock, PA