

Catherine M. Diercks

Previous work under maiden name Hamby

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Education

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| Ph.D. Developmental Psychology Advisor: Dr. Erika Lunkenheimer Penn State, University Park, PA | 2019 – 2022 |
| M.S. Developmental Psychology Advisor: Dr. Erika Lunkenheimer Penn State, University Park, PA | 2017 – 2019 |
| B.S. Psychology Advisor: Dr. Philip Fisher University of Oregon, Eugene, OR | 2011 – 2015 |

Awards

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| NICHD T32 Predoctoral Fellowship in Child Maltreatment (\$68,124) Child Maltreatment Solutions Network, Penn State | 2020 – 2022 |
| Strumpf Scholar Award (\$10,000) Child Study Center, Penn State | 2019 – 2020 |
| Translational Science Fellowship (\$7,000) Clinical and Translational Science Institute, Penn State | 2019 |
| Graduate Student Travel Award (\$300) Society for Research in Child Development | 2019 |
| External Incentive Award (\$1,000) College of Liberal Arts, Penn State | 2017 |
| Strumpf Graduate Enhancement Award (\$4,600) Child Study Center, Penn State | 2017 |
| Dean's Scholarship (\$6,000) University of Oregon | 2011 – 2015 |

Scholarship

**Denotes work under maiden name*

Peer-Reviewed Publications

***Hamby, C. M.**, Lunkenheimer, E., & Brown, K. M. (Revision under review). The dynamics of maternal scaffolding vary by cumulative risk status.

Lunkenheimer, E., ***Hamby, C. M.**, Lobo, F. M., Cole, P. M., & Olson, S. L. (2020). The role of dynamic, dyadic parent-child processes in parental socialization of emotion. *Developmental Psychology, 56*(3), 566-577.

***Hamby, C. M.**, Lunkenheimer, E. S., & Fisher, P. A. (2019). The potential of video feedback interventions to improve parent-child interaction skills in parents with intellectual disability. *Children and Youth Services Review, 105*, 104395.

Lunkenheimer, E. S., Panlilio, C., Lobo, F. M., Olson, S. L., & ***Hamby, C. M.** (2019). Preschoolers' self-regulation in context: Task persistence profiles with mothers and fathers and later attention problems in kindergarten. *Journal of Abnormal Child Psychology, 47*(6), 947-960.

Conference Presentations

Fronberg, K. M., ***Hamby, C. M.**, Feinberg, M., Jones, D., Paul, I., Tikotzky, L., & Teti, D. M. (2019). Mothers' and fathers' psychopathology symptoms and coparenting expectations during the prenatal period. Paper presented to the National Council on Family Relations, Fort Worth, TX.

***Hamby, C. M.**, & Lunkenheimer, E. S. (2019). Early child behavior problems predict (some) trajectories of harsh parenting. Paper presented at the Mini-Conference on Multivariate/Longitudinal Methods, University Park, PA.

Conference Posters

***Denotes undergraduate student mentee*

***Hamby, C. M.**, Lunkenheimer, E., Dickens, C., & Brick, T. (2020). Dynamics of maternal regulatory physiology during in-home disciplinary interactions with children. Poster accepted for presentation to the Child Maltreatment Solutions Network. Conference cancelled.

***Hamby, C. M.**, & Teti, D. M. (2020). Mothers who blame infants for lost sleep more likely to exhibit symptoms of a postpartum depressive period. Poster presented to the Society for Prevention Research. Online conference.

***Hamby, C. M.**, Lunkenheimer, E. S., & Jackson, Y. (2019). Locus of control and change in direct coping over time in adolescents in foster care. Poster presented to the Child Maltreatment Solutions Network, University Park, PA.

Lobo, F. M., Skoranski, A. M., ***Hamby, C. M.**, & Lunkenheimer, E. S. (2019). Positive and harsh parenting and parent-child parasympathetic processes. Poster presented to the Society for Prevention Research, San Francisco, CA.

Gayle, K. O., *Hamby, C. M.**, Brown, K. B., & Lunkenheimer, E. S. (2019). Fathers' perceptions of control, hostility, and children's emotion regulation. Poster presented to the Society for Research in Child Development, Baltimore, MD.

***Hamby, C. M.**, Lobo, F. M., **Olbum, J. Z., & Lunkenheimer, E. S. (2019). Mothers' autonomy supportive versus directive strategies during a dyadic challenge task and children's cognitive ability. Poster presented to the Society for Research in Child Development, Baltimore, MD.

***Hamby, C. M.**, Skoranski, A. S., & Lunkenheimer, E. S. (2019). Maternal psychopathology symptoms, teaching behaviors, and child emotion regulation. Poster presented to the Society for Research in Child Development, Baltimore, MD.

Lobo, F. M., ***Hamby, C. M.**, & Lunkenheimer, E. S. (2019). Understanding the parent-child coregulation patterns shaping child self-regulation. Poster presented to the Society for Research in Child Development, Baltimore, MD.

***Hamby, C. M.**, Lobo, F. M., & Lunkenheimer, E. S. (2018). Family routine consistency, maternal parenting style, and children's positive responsiveness to maternal autonomy support. Poster presented to the International Congress of Infant Studies, Philadelphia, PA.

Lobo, F. M., ***Hamby, C. M.**, & Lunkenheimer, E. S. (2018). Parent risk factors, physiological coregulation, and preschoolers' behavioral dysregulation. Poster presented to the Society for Personality and Social Psychology (Parenting and Family Dynamics Preconference) in Atlanta, GA.

Research Appointments

Graduate Research Assistant & Project Coordinator

2017 – present

Dr. Erika Lunkenheimer

Department of Psychology, Penn State, University Park, PA

- Collect in-home audio, heart rate, respiratory, and ecological momentary assessment data
- Measure respiratory sinus arrhythmia in parent-child interaction with Mindware BioLab
- Code second-by-second parent and child behavior/affect w/Noldus Observer and Datavyu
- Develop professional development curriculum for undergraduate research assistants

- Graduate Research Assistant** **2019**
Dr. Douglas Teti
 Human Development and Family Studies, Penn State, University Park, PA
- Coded coparenting hostility/competitiveness in infant and toddler bedtime recordings
 - Evaluated child attachment status in-home with the Attachment Card Sort method
 - Attended weekly administrative meetings on progress of SIESTA-Family Foundations RCT
- Lab Manager** **2016 – 2017**
Dr. Caitlin Fausey
 Department of Psychology, University of Oregon, Eugene, OR
- Assisted on in-home multi-day studies using infant head cameras and LENA recorders
 - Managed lab open science efforts, prepared data and code for Databrary and HomeBank
 - Supervised team of 15+ research assistants including project and human subjects training
- Post-Baccalaureate Research Assistant** **2015 – 2016**
Dr. Philip Fisher
 Prevention Science Institute, University of Oregon, Eugene, OR
- Recruited families for 18-month participation in Keeping Parents Supported RCT
 - Collaborated with the Oregon Department of Human Services to recruit foster families
 - Served as liaison between research and clinical project teams
- Volunteer Research Assistant** **2015**
Dr. Dare Baldwin
 Department of Psychology, University of Oregon, Eugene, OR
- Assisted on project exploring the role of context in infant-directed speech
 - Coded CHILDES transcripts using custom program in R
- Undergraduate Research Assistant** **2014 – 2015**
Dr. Philip Fisher
 Prevention Science Institute, University of Oregon, Eugene, OR
- Edited parent-child interaction video to highlight demonstrations of supportive parenting
 - Administered family assessments for Keeping Parents Supported – Preschoolers RCT
 - Delivered semi-structured interviews with high-risk foster and kinship parents
- Undergraduate Research Assistant** **2012 – 2014**
Child and Family Center
 Prevention Science Institute, University of Oregon, Eugene, OR
- Coded parent-child interaction video for second-by-second affect and dialogue
 - Maintained reliability on multiple coding schemes
 - Oregon Parent Project, Early Growth and Development Study, Family Check-Up

Internships

- Family Navigation Intern** **2015**
Dr. Renee van Norman
Pearl Buck Center, Eugene, OR
- Supported the parenting skills of adults with intellectual disability
 - Assisted in Center implementation of Filming Interactions to Nurture Development
 - Conducted home visits to provide resources and child developmental screenings

Teaching

- Lab Teaching Assistant** **Fall 2019**
Research Methods in Psychology (PSY301)
Department of Psychology, Penn State, University Park, PA
- Independently taught weekly lab section with 14 undergraduate students
 - Graded and provided feedback on students' literature reviews and research proposals
 - Contributed to design and evaluation of exams and paper assignments

Activities

Professional Service

- Assistant Ad-Hoc Reviewer**, Journal of Family Psychology **2020**
Graduate Recruitment Weekend Coordinator, Developmental Psychology, Penn State **2019**
Assistant Ad-Hoc Reviewer, Journal of Applied Developmental Psychology **2017**
Poster Competition Judge, Psi Chi Undergraduate Research Conference, Penn State **2017**

Professional Affiliations

- Society for Research in Child Development** **2018 – present**
Parents and Children Together, Penn State **2017 – present**
International Congress of Infant Studies **2016 – present**
Student Health Advisory Committee, University of Oregon **2015**
Policy and Standards Board, Pi Beta Phi, University of Oregon **2012 – 2013**

Community Outreach

- Elementary school STEM promotion**, Science-U, Penn State **2017**
Middle school STEM promotion, Think Outside the Beaker, Penn State **2017**
Family recruitment, Team Duckling Developmental Database, University of Oregon **2016**
Participant childcare, Oregon Parent Project, University of Oregon **2013**

Elementary school tutoring, Champions Are Readers, Eugene Public School District
Middle school mentoring, Boys and Girls Club of Eugene

2013
2013

Research in Popular Press

Auman-Bauer, Kristie. (2019, January 31). Keeping kids on task in school may start at home. *Penn State News*. Retrieved from <https://news.psu.edu/>