

# Kathleen Ellen Wendt

NSF Graduate Research Fellow | Graduate Student

Behavioral Sciences Building · Colorado State University · Fort Collins, CO

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## Education

<a href="#">National Science Foundation Graduate Research Fellowship Program</a>	2018 - Present
Graduate Research Fellowship in Developmental Psychology	2018 - Present
Colorado State University (CSU)	2014 - Present
Ph.D. in Applied Developmental Science	2018 - Present
M.S. in Prevention Science	Expected December 2020
Statistics Graduate Certificate in Data Analysis	2020
B.S. in Human Development and Family Studies ( <i>summa cum laude</i> )	2018
Minor in International Development Studies	2018
Concentration in Prevention and Intervention Science	2018

## Research Experience

[Mindfulness and Family Resilience Laboratory](#) (MFR), Lab Manager 2016 - Present

Director & Principal Investigator: J. Douglas Coatsworth, Ph.D.

Purpose: Investigate use and benefits of mindfulness in family contexts

Tasks: Project administration, planning, and management; data collection with physiological and observational systems; R programming; data analysis; technical, scientific, and grant writing; recruitment, training, mentorship, and management of 12 undergraduate research assistants

*Project Mind-Heart* (PMH): Investigate effects of brief mindfulness induction on individual and dyadic patterns of physiological, affective, and behavioral indicators during challenging parent-child interactions

*Mindful Parent Observational Study* (MPOS): Analyze behavioral and affective indicators of mindfulness and interaction quality in structured parent-youth interactions as part of randomized controlled trial of the Mindfulness-enhanced Strengthening Families Program (MSFP)

Employment Funding: CSU Prevention Research Center

**Parenting Young Children Project** (NICHD K01), Project Manager 2015 - 2018

Principal Investigator: Erika S. Lunkenheimer, Ph.D.

Purpose: NIH-funded longitudinal study investigating parents' and young children's (2.5 to 4 years old) dyadic coordination of emotions, behaviors, and physiology and associated risk of child maltreatment and psychopathology

Tasks: Project management, grant administration, participant recruitment and retention, technical and scientific writing, and data collection, management, and processing with physiological and observational systems

Grant Funding: Eunice Kennedy Shriver National Institute of Child Health and Development Career Development Award (K01) to PI Lunkenheimer

**Child Trauma and Resilience Assessment Center**, Intern

Fall 2017

Principal Investigator: Lise Youngblade, Ph.D.

Director: Stephanie Seng, M.S.

Administrative and research support for SAMHSA- and DHS-funded projects focused on state-wide trauma-informed training, development of adult trauma assessment, and trauma assessment provision for high-risk adolescents

Grant Funding: Substance Abuse and Mental Health Services Colorado Children's Congregate Care Resiliency Opportunity Project (CROP) to PI Youngblade

**Cognitive Neuroimaging Laboratory**, Honors Undergraduate Research Scholar

2014 - 2015

Principal Investigator: Carol A. Seger, Ph.D.

Data collection, processing, and management for dissertation research on learning and memory

## **Translational Research Experience**

**Douglas County CSU Extension Office**, Program Evaluator

2019 - 2020

Principal Investigator: David MacPhee, Ph.D.

Program Director: Kyle Christensen

Evaluate program implementation of Youth Leadership Summit (October 18-20, 2019) for diverse Colorado youth

**SOS Outreach**, Research Consultant (*pro bono*)

2019

Principal Investigator: J. Douglas Coatsworth, Ph.D.

Executive Director: Seth Erhlich

Qualitative and quantitative data management and analysis, study design and planning, R programming consultation for Shiny dashboard development, and grant-writing to help bolster research-base for outdoor-based mentorship and leadership program for at-risk and marginalized youth

## **Teaching Experience**

**CSU Department of Mechanical Engineering**, Teaching Assistant

2020 - Present

Instructor: John Volckens, Ph.D.

Tasks: Develop curriculum for and assist with implementation of open-source, 400-level engineering data analysis course in R

**CSU Department of Statistics**, Curriculum Developer

2020 - Present

Tasks: Develop curricula for online, open-source introductory programming and statistical computing course in R

Grant Funding: CSU Provost Office Digital Learning Initiative

**useR! 2020 Conference**, Teaching Assistant (*pro bono*)

July 2020

Instructor: Samantha Tyner, Ph.D.

Tasks: Help develop and execute online tutorial for data visualization

**Department of Human Development and Family Studies**, Teaching Assistant

Fall 2016

Instructor: Erika S. Lunkenheimer, Ph.D.

Tasks: Grading and exam review sessions for course on infant and child development

## Software Development

**Wendt, K.E.**, Zhang, S., Feldman, M.F., & Anderson, G.B. (2019). [psyphr](#): R package suite to wrangle, filter, visualize, analyze, and share physiological data. In active development at [github.com/psyphr-dev](https://github.com/psyphr-dev)

## Peer-Reviewed Publications

### *Under Review*

Lunkenheimer, E.S., Skoranski, A.M., & **Wendt, K.E.** Flexible or inconsistent? Parental depressive symptoms and parent-child behavioral inconsistency heighten child dysregulation. Manuscript under review.

### *In Preparation*

**Wendt, K.E.**, Lucas-Thompson, R.G., Lunkenheimer, E.S., & Coatsworth, J.D. The effects of a brief mindfulness induction on parents' autonomic activity during challenging parent-child interactions. Manuscript in preparation.

Grant, S.P., **Wendt, K.E.**, Gardner, F., Leadbeater, B.J., Crowley, D.M., Mayo-Wilson, E., Supplee, L.H., & Bradshaw, C.P. Transparent, open, and reproducible prevention science. Anchoring statement for 2020 Special Issue of *Prevention Science*. Manuscript in preparation.

**Wendt, K.E.**, Timpe, Z.C., Anderson, G.B., Chorpita, B.F., & Coatsworth, J.D. The promise of open source and open access: Computational reproducibility and knowledge management in prevention science. Invited manuscript submission for 2020 Special Issue of *Prevention Science*. Manuscript in preparation.

Prendergast, S., Klinedinst, T., Miller, R.L., Gerst, K., & **Wendt, K.E.** Multiple chronic conditions and functional decline among Medicare beneficiaries: A comparison of modeling approaches. Manuscript in preparation.

## Presentations

**Wendt, K.E.**, Zhang, S., Feldman, M.J., Anderson, G.B., & Coatsworth, J.D. (2019, November). psyphr.read: R package to wrangle and tidy psychophysiological data from proprietary systems. Poster presentation at the Graduate Student Showcase, Colorado State University, Fort Collins, CO.

Prendergast, S., Miller, R., **Wendt, K.E.**, Klinedinst, T., & Gerst, K. (2019, May). Informing precision prevention using latent class analysis. Presentation in the Sloboda & Bukoski Cup at the Society for Prevention Research Annual Meeting, San Francisco, CA.

**Wendt, K.E.**, Coatsworth, J.D., Lunkenheimer, E.S., & Cleavinger, E.J. (2019, May). Effects of mindfulness induction on parents' parasympathetic activity in parent-child interactions. Poster presented at Society for Prevention Research Annual Meeting, San Francisco, CA.

Toll, R., George, M.R., Duey, S., Nichols, K., Riggs, N.R., & **Wendt, K.E.** (2018, May). Promoting innovation in prevention science. Special Interest Group at Society for Prevention Research Annual Meeting, Washington, D.C.

## Honors & Awards

### *Graduate*

useR! Diversity Scholarship for useR! Conference	2020
RStudio Diversity Scholarship for RStudio Conference	2020
Departmental Travel Grant for RStudio Conference	2020
RStudio Travel Award for R/Pharma	2019
R/Pharma Travel Award (B2S Life Sciences)	2019
Pearl E. Betts Graduate Scholarship	2019
Departmental Travel Grant for Society for Prevention Research	2019
SPR Early Career Preventionist Network (ECPN) Travel Award	2019
Uncoast Unconf Travel Grant	2019
CSU Graduate School Travel Grant for Uncoast Unconf	2019
Departmental Travel Grant for Uncoast Unconf	2019
Colorado State University Graduate Fellowship	2018
National Science Foundation Graduate Research Fellowship	2018 - 2023

### *Undergraduate*

University Honors Scholar	2018
College of Health & Human Sciences Outstanding Graduate	2018
Albert C. and Ann E. Yates Pacesetter Scholarship	2017
Anne Blair Scholarship	2017
College of Health & Human Sciences Students First Scholarship	2016
Spots Scholarship	2015
Honors Scholarship	2014 - 2018
Green & Gold Scholarship	2014 - 2018

## Computer Skills

R and its extensions (e.g., RStudio, R Markdown, Shiny)  
Version control and collaboration with Git/GitHub  
Python (currently learning)  
SPSS (although I actively avoid using it)  
Microsoft Office Suite  
Collaborative clouds including Google Drive and OneDrive

## Professional Development Activities

useR! Conference	July 2020
RStudio tidyverse developer day - Dr. Hadley Wickham	January 31, 2020
RStudio Conference	January 29-30, 2020
RStudio tidy tools workshop - Drs. Hadley & Charlotte Wickham	January 27-28, 2020
R/Pharma conference	August 22-23, 2019
R/Pharma plotly workshop - Dr. Carson Sievert	August 21, 2019
Uncoast Unconf with R	April 14-16, 2019
Grant-Writing Workshop for NIH - Dr. Maria Esformes	August 3, 2018
Heart Rate Variability Workshop - Dr. Gary Berntson	June 9-10, 2018

## Professional Membership

Society for Prevention Research (SPR)  
SPR Early Career Preventionist Network (ECPN)  
European Society for Prevention Research (EUSPR)  
EUSPR Early Career Forum (ECF)

## Service

### *Professional*

<b>rOpenSci</b>	2019 - Present
R Package Reviewer	
<b>Society for Prevention Research (SPR)</b>	2018 - 2020
Abstract Student-Reviewer	
Symposium Moderator	
<b>SPR Early Career Preventionist Network (ECPN)</b>	2018 - Present
Steering Committee Member (2018 - Present)	
Program Subcommittee Member (2019 - 2020)	
Awards Subcommittee Member (2018 - 2019)	
<b>European Society for Prevention Research (EUSPR)</b>	2018 - 2019
Abstract Reviewer	

*University & Department*

***Journal of Undergraduate Research***, Colorado State University 2018 - 2020

Graduate Referee

**Graduate Student Council (GSC)**, Colorado State University 2018 - 2020

Department Representative

Travel Award Reviewer

**The Graduate School**, Colorado State University

Reviewer - NSF GRFP Writing Workshop 2018, 2019

Panelist - NSF GRFP Informational Session 2018, 2019

**Department of Human Development and Family Studies (HDFS)** 2019

Speaker Series Coordinator

Panelist - HDFS Graduate Programs Informational Sessions