

***CURRICULUM VITAE***  
**Sarah (Hoegler) Dennis**

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 Notre Dame, IN 46556  
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**EDUCATION**

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**University of Notre Dame, Notre Dame, IN**

PhD in Developmental Science (May 2024)

Minor: Advanced Quantitative Social Science

Advisor: Dr. E. Mark Cummings

Dissertation Title: *Longitudinal impacts of the father-child relationship on adjustment: Developmental and dynamic change*

**University of Notre Dame, Notre Dame, IN**

M.A. in Research and Experimental Psychology (May 2022)

Area: Developmental

Advisor: Dr. E. Mark Cummings

Thesis Title: *Evaluation of a Family-Based Conflict Intervention through the Lens of the Fathering Vulnerability Hypothesis*

**Western Connecticut State University, Danbury, CT**

*Bachelor of Arts, Psychology* (May 2018)

Summa Cum Laude, Psychology with Distinction

**RESEARCH ROLES**

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**Postdoctoral Research Associate**

*June 2024 – Present*

University of Notre Dame

Dr. Lee Gettler

In this role, I serve as the project manager for Dr. Gettler's collaborative project with the Beacon Children's NICU, focusing on parental mental well-being, social support, and physiology. I help manage all phases of this project, from recruitment to data collection, processing, and cleaning as well as analysis and publication. I also work with Dr. Gettler on co-authored manuscripts using existing data, including collaborations with data from Dr. Mark Cummings' projects, as well as data from Dr. Gettler's previous studies. I also assist in mentoring undergraduate and graduate students in Dr. Gettler's Hormones, Health, and Human Behavior lab. The position also involves collaboration with the Lucy Family Institute for Data Science.

**Researcher and Data Analyst**

*September 2021 – Present*

Collaborative Role between University of Notre Dame and Rutgers University

Dr. Mark Cummings and Dr. Paul Boxer

play an active role in collaboration between Notre Dame and Rutgers to investigate the effects of community violence on adolescent adjustment and emotional security in youth in Honduras. My responsibilities involve all data-related aspects of the project. I assisted in the creation of focus group questions aimed toward understanding the impacts of exposure to gang and general community violence on adolescents' adjustment, as well as investigating the sources of emotional insecurity in the community of youth in Newark and Honduras. I helped to create and validate the Security in the Community and Exposure to Violence assessment instruments in San Pedro Sula, Honduras. Ongoing responsibilities involve the application of advanced statistical approaches, preparation of manuscripts for publication, and grant-writing.

**Doctoral Research Assistant**

July 2019 – May 2024

University of Notre Dame  
 Department of Psychology and Shaw Center for Children  
 Dr. Mark Cummings

*Intervention Development, Implementation, and Evaluation*

I was involved in data collection and management for the *Supporting Parent-Adolescent Relationships and Communication* (SPARC) project by means of administering the intervention through coaching families and couples, coding videotaped family interactions, supervising undergraduate students' involvement in these and other aspects of the project, and ongoing evaluation of preliminary data. I also played a lead role in the *SPARC Feasibility Trial*, in which I supervised data collection, management, and coordination at LOGAN autism center in Benton Harbor, MI. I provided support in recruiting families for participation, running data collection visits, assuring that all protocols were followed, troubleshooting any issues that arose, and managing and evaluating the data collected. For the *Family Communication Project*, I served as lead author and analyst in several longitudinal evaluations of this completed preventive intervention for community families.

*Developmental Psychopathology, Family Processes, and the Father-Child Relationship*

I developed and led collaborative projects with students and faculty in clinical, developmental, and quantitative areas. Several projects, as well as my thesis and dissertation, involve investigating the developmental impacts of fathers.

*Advanced Longitudinal Data Analysis and Research in Quantitative Methodology*

I pursued a concentration in Advanced Quantitative Social Science, which has involved taking additional advanced coursework in quantitative psychology and applied statistics as well as undertaking collaborative projects with quantitative faculty. I have experience in advanced statistical methods including multilevel modeling, latent profile analysis, growth mixture modeling, dyadic longitudinal models, and dynamic structural equation modeling – as well as expertise implementing these analyses in R, MPlus, SAS, and SPSS. I also mentored undergraduate students through means of providing them with advanced statistical training and opportunities for co-authorship of manuscripts.

**PEER-REVIEWED PUBLICATIONS**


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\* undergraduate student mentee at time of writing

\*Vetterly, S, **Hoegler Dennis, S.**, Davies, P., & Cummings, E.M. (Accepted). Longitudinal effects of father-adolescent attachment on anxiety: A multi-informant study. *Social Development*.

**Hoegler Dennis, S.**, \*Vetterly, S., & Cummings, E.M. (2024). Long-term effects of a preventive intervention on multiple components of adolescents' emotional insecurity. *Family Process*.

Moreno, F., **Hoegler Dennis, S.**, Cummings, M., & Boxer, P. (2024). "When someone is in a safe place, I believe that your mind rests" - emotional security amid community violence: A cross-national study with youth in Newark, New Jersey, USA, and San Pedro Sula, Cortés, Honduras. *International Journal of Intercultural Relations*.

**Hoegler, S.**, \*Vetterly, S., & Cummings, E.M. (2023). Evaluation of a couple- and family-based intervention: Implications for the fathering vulnerability hypothesis. *Parenting: Science and Practice*.

**Hoegler, S.**, Mills, A. L., \*Fedaa, A., & Cummings, E.M. (2022). Randomized preventive intervention for families: Adolescents' emotional insecurity and attachment to fathers. *Journal of Family Psychology*.

Mills, A. L., Aquino, G. A., **Hoegler, S.**, Cummings, E.M. (2020). Interparental Conflict, Emotional Insecurity, and Parent-Adolescent Communication. *Journal of Family Issues*, 42(10), 2377–2396. <https://doi.org/10.1177/0192513X20980035>

**Hoegler, S.**, & Nelson, M. (2018). The influence of anxiety and self-efficacy on statistics performance: A path analysis. *Psi Chi Journal of Psychological Research*, 23(5), 364-375. <https://doi.org/10.24839/2325-7342.JN23.5.364>

Nelson, M., & **Hoegler, S.** (2018). Writing prompts foster conceptual understanding in statistics courses. In T. Kuther (Ed.), *Integrating Writing into the College Classroom: Strategies for Promoting*

*Student Skills*. Society for the Teaching of Psychology.

Nelson, M., Gee, B., & **Hoegler, S.** (2016). The role of domain-specific non-cognitive variables in postsecondary academic success. *International Journal for Innovation, Education, and Research*, 4(11), 1-11.

## MANUSCRIPTS UNDER REVIEW

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Edler, K., **Hoegler Dennis, S.**, Wang, L., Valentino, K., Davies, P., & Cummings, E.M. (Under review). Profiles of mothers' and fathers' emotion socialization: Effects on changes in adjustment. *Child Development*.

**Hoegler Dennis, S.**, Edler, K., & Cummings, E.M. (Under review). Developmental and dynamic changes in the father-child Relationship. *Parenting: Science and Practice*.

**Hoegler Dennis, S.**, Moreno, F., Cummings, M., & Boxer, P. (Under review). Validation of the emotional security in the community scale and exposure to violence scale: Assessing contexts of gang and police violence in Honduras. *Peace and Conflict*.

## SELECTED MANUSCRIPTS IN PREPARATION

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Moreno, F., **Hoegler Dennis, S.**, Cummings, M., & Boxer, P. (In preparation). Youth emotional security and adjustment amid exposure to multiple sources of violence in San Pedro Sula, Honduras.

**Hoegler Dennis, S.**, Gettler, L., & Cummings, E.M. (In preparation). Paternal and maternal autonomy support and youth internalizing problems: Examining unique and interactive effects.

**Hoegler Dennis, S.**, Cummings, E.M., Larsen, L., & Holt, T. (In preparation). The effects of interparental conflict on the father-child relationship in a national sample of intact and divorced Norwegian families.

**Hoegler Dennis, S.**, & Cummings, E.M. (In preparation). A systematic review of the effects of fathers across childhood and adolescence.

**Hoegler Dennis, S.**, Merilees, C., & Cummings, E.M. (In preparation). Using machine learning to identify contributors to emotional security in the community in violence-exposed youth in Northern Ireland: An exploratory analysis.

## SELECTED CONFERENCE PRESENTATIONS

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**Hoegler Dennis, S.**, Cummings, E.M., Larson, L., & Holt, T. (2024). *Shared residence, interparental conflict, and the father-child relationship*. Paper presentation at the 2024 Association of Family and Conciliation Courts Annual Conference, Boston, MA.

\*Vetterly, S, **Hoegler, S.**, Davies, P., & Cummings, E.M. (2023, March 24). *The effect of father-adolescent attachment on anxiety outcomes: A longitudinal analysis*. Poster presented at the Society for Research on Adolescent Development Biennial Meeting, Salt Lake City, UT.

\*Kasun, S., **Hoegler, S.**, Edler, K., Davies, P., Cicchetti, D., & Cummings, E.M. (2023, March 24). *Using CANTAB to predict adolescent adjustment*. Poster presented at the Society for Research on Adolescent Development Biennial Meeting, Salt Lake City, UT.

Moreno, F., **Hoegler, S.**, Cummings, M., & Boxer, P. (2022). *Overlapping sources of violence, security, and insecurity in the community*. Paper presented at the International Society for Research on Aggression Annual Meeting, July 2022, Ottawa, Canada.

\*Vetterly, S., **Hoegler, S.**, & Cummings, E. M. (2022, April 22). *Parent-adolescent attachment security: Effects on anxiety*. Poster presented at Midwestern Psychological Association Annual Meeting, Chicago, IL.

\*Ngwenya, X. M, Bergman, K, Cummings, E. M, & **Hoegler, S.** (2022, April 21). *Understanding The Link Between Parent-Child Relationships and Children's Conflict Responses: Emotional Security As A Mediator*. Poster presented at Midwestern Psychological Association Annual Meeting, Chicago, IL.

\*Cooper, P. M., Wentz, B., **Hoegler, S.**, Merrilees, C., Taylor, L., Goeke-Morey, M., Shirlow, P., & Cummings, E. M. (2022, April 21). *Emotional security in the family and adolescent sectarian antisocial behavior: The moderating role of maternal outgroup trust*. Poster presented at

- Midwestern Psychological Association Annual Meeting, Chicago, IL.
- Hoegler, S.** & LaPorte, E. *Healing Wholly: A Psychological Perspective on Intra- and Inter-personal Integration through Attachment and Affirmation.* (2022, March 19). Paper presented at the Edith Stein Project Conference, Notre Dame IN.
- \*Rubino, L. **Hoegler, S.** & Cummings, E. M. (2021, April 22). *Prospective Relations Between Parental Depression and Adolescent Disordered Eating: Investigating Emotional Security as a Mediator.* Poster presented at Midwestern Psychological Association Virtual Conference.
- \*Czarnecki, H., **Hoegler, S.** & Cummings, E. M. (2021, April 22). *Explaining the effects of a family intervention after one year.* Poster presented at Midwestern Psychological Association Virtual Conference.
- Hoegler, S.** & Cummings, E. M. (2021, April 8). *Long-term effects of an intervention on adolescents' emotional insecurity: Modeling patterns of change across time.* Poster presented virtually at the 2021 biennial conference of the Society for Research on Child Development (SRCD).
- Hoegler, S.,** Mills, A. L., & Cummings, E. M. (2020, May 21-24). *Attachment to fathers as the indirect pathway of an intervention's effects on adolescent adjustment* [Poster session]. Association for Psychological Science Annual Meeting, Chicago, IL. (In-person conference canceled due to COVID-19 Pandemic).
- Mills, A. L., **Hoegler, S.,** & Cummings, E. M. (2020, March 19-21). *Evaluating the processes of a family intervention: Adolescents' conflict knowledge as a mechanism of improved attachment security* [Poster session]. Society for Research on Adolescent Development Biennial Meeting, San Diego, CA. (In-person conference canceled due to COVID-19 Pandemic).
- Nelson, M., & **Hoegler, S.** (2019). *Self-efficacy and anxiety in the statistics classroom: Designing interventions for struggling students.* Paper presentation at the 2019 Eastern Psychological Association Annual Conference, New York, NY.
- Behymer, S., Nelson, M., **Hoegler, S.,** & Wright, T. (2019). *Self-efficacy and exam wrappers as predictors of cumulative final exam scores.* Poster presentation at the Eastern Psychological Association Annual Conference, New York, NY.
- Wright, T., Nelson, M., **Hoegler, S.,** & Behymer, S. (2019). *Structured pre-activities increase statistics self-efficacy and course performance.* Poster presentation at the Eastern Psychological Association Annual Conference, New York, NY.
- Behymer, S., Nelson, M., & **Hoegler, S.** (2018). *The effects of a structured pre-activity on learning outcomes in a flipped classroom.* Poster presented at the Northeast Conference for Teachers of Psychology (NECTOP) at the New England Psychology Association (NEPA) Annual Meeting, Worcester, MA.
- Hoegler, S.,** & Nelson, M. (2018). *Pre-activities in the flipped statistics classroom improve course performance and self-regulated learning.* Poster session presented at the Eastern Psychological Association Annual Conference, Philadelphia, PA.
- Hoegler, S.,** & Nelson, M. (2016). *The role of domain-specific non-cognitive variables in academic success.* Poster presented at the Eastern Conference for the Teaching of Psychology, Staunton, VA.

## TEACHING EXPERIENCE

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### Teaching Assistant

Spring 2023

Experimental Psychology (undergraduate course)  
University of Notre Dame, Department of Psychology  
Course Instructor: Dr. Bradley Gibson

### Instructor of Record

Fall 2022

Introductory Psychology (undergraduate course)  
Holy Cross College

### Teaching Assistant

Fall 2022

Research Methods lab (undergraduate course)  
University of Notre Dame, Department of Psychology  
Course Instructor: Dr. Daniel Lapsley

**Co-Instructor***Fall 2021- Spring 2022*

Statistics Primer

Advanced Research Methods in Developmental Psychopathology (Fall 2021)

Course Instructor: Dr. E. Mark Cummings

University of Notre Dame, Department of Psychology

**Teaching Assistant***Summer 2021*

Summer Service-Learning Program (SSLP):

Neuroscience and Behavior Course (undergraduate course)

University of Notre Dame, Center for Social Concerns and Neuroscience and Behavior (NSBH) Program

Course Instructors: Dr. Nancy Michaels and Ben Wilson

**Teaching Assistant***Spring 2020*

Psychological Statistics SPSS Lab (undergraduate course)

University of Notre Dame, Department of Psychology

Course Instructor: Dr. Bradley Gibson

**Teaching Assistant***Spring - Summer 2016; Summer - Fall 2018*

Research Methods, Psychological Statistics, and Experimental Psychology (undergraduate courses)

Western Connecticut State University, Department of Psychology

Course Instructor: Dr. Mary Nelson

**MENTORSHIP EXPERIENCE**

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**Savannah Vetterly** (2021-2023) – *Undergraduate senior thesis and independent research mentor***Shannon Kusan** (2021-2023) – *Undergraduate senior thesis and independent research mentor***Laura Larrain** (2021-2022) – *Undergraduate senior thesis mentor***Xolisa Ngwenya** (2021-2022) – *Undergraduate senior thesis mentor***Paige Cooper** (2021-2022) – *Undergraduate senior thesis mentor***Laura Rubino** (2020-2021) – *Undergraduate senior thesis mentor***Hailey Czarnecki** (2020-2023) – *Undergraduate senior thesis and independent research mentor***JOURNAL REVIEWS**

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*Parenting: Science and Practice* – Ad Hoc Reviewer*Family Process* – Ad Hoc Reviewer**PROFESSIONAL MEMBERSHIP**

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Society for Research on Adolescence

Society for Research on Child Development

**STATISTICAL AND METHODOLOGICAL TRAINING**

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Selected University of Notre Dame Courses:

*Longitudinal Data Analysis* – Dr. Peggy Wang

(Multilevel modeling and longitudinal structural Equation modeling)

*Advanced Longitudinal Methods* – Dr. Peggy Wang

(Longitudinal dyadic modeling, multilevel-autoregressive mediation models, intensive longitudinal data analysis including dynamic structural equation modeling and time-series analysis, and other advanced approaches)

*Psychological Measurement* – Dr. Alison Cheng

(Psychometrics, instrument development, validation, measurement invariance and similar topics)

*Multivariate Analysis* – Dr. Guangjian Zhang

*Structural Equation Modeling* – Dr. Johnny Zhang

*Human-Centered Analytics* – Dr. Ken Kelley

Additional Training:

*Longitudinal Structural Equation Modeling* – Drs. Dan Bauer and Patrick Curran

(Latent growth curve models, multivariate latent curve models, longitudinal SEMs with non-normal and discrete outcomes, growth mixture models, and the latent change score (LCS) model).

*Mixture Modeling and Latent Class Analysis* – Drs. Dan Bauer and Doug Steinley

(Latent class analysis, latent profile analysis, and other finite mixture models; multi-step approaches for examining how latent classes relate to external or "auxiliary" variables, e.g., predictors of class membership or distal outcomes predicted by latent class; longitudinal applications, e.g. growth mixture models).

*Introduction to Quantitative Meta-Analysis* – Dr. Tasha Beretvas

(Quantitative meta-analysis in r, including mixed models and other complex designs).

Statistical Software:

*R, MPlus, SAS, SPSS*