

Avery Chahl, M.S.

115 Health and Human
Development Building
The Pennsylvania State University
University Park, PA 16802

averychahl@psu.edu
<https://tinyurl.com/ChahlGoogleScholar>

Education

- 2025 (expected) **Ph.D.** Human Development and Family Studies, The Pennsylvania State University
Advisors: Jennifer L. Maggs, Ph.D., & Kelly L. Rulison Ph.D.
- 2022 **M.S.** Human Development and Family Studies, The Pennsylvania State University
Certificate in Translational Science
Thesis Advisors: Sunhye Bai, Ph.D., Kelly L. Rulison, Ph.D.
Thesis: *Examining the Effects of School Connectedness on SEL Technique Use in Middle Childhood*
- 2020 **B.A.** Psychology with Special Honors, The University of Texas
Minor in Health Communications
Thesis Advisor: Aprile D. Benner, Ph.D.
Honors Thesis: *The Relationship Between Cross-Cultural Friendships and Psychological Resilience in Adolescents*

Research Interests and Collaborative Skills

I define myself as a developmental methodologist and implementation scientist. As a research scientist, my goal is to support research teams by directing data analyses on social processes, particularly longitudinal data. I am developing a collection of methodological skills in social network analysis and intensive longitudinal data analysis, as well as a thorough understanding of the pros and cons of different intervention approaches.

Funding and Awards

- 2023- The Prevention and Methodology Training Program Predoctoral Fellow
NIH NIDA T32 Training Grant: DA017629, PIs: Jennifer L. Maggs & Stephanie T. Lanza
Edna Bennett Pierce Prevention Research Center, The Pennsylvania State University
- 2022-2023 Bennett Pierce Prevention Research Center Fellow for Caring and Compassion
Edna Bennett Pierce Prevention Research Center, The Pennsylvania State University
- 2023 Edward R. and Helen Skade Hintz Graduate Educational Enhancement Fellowship
Professional Development Funds, The Pennsylvania State University
- 2020-2021 Bunton-Waller Graduate Assistantship
Awarded to students who exhibit commitment to diversity, equity, inclusion, and justice
Council of College Multicultural Leadership, The Pennsylvania State University
- 2020- Knoll Endowment
Research & Professional Development Funds, The Pennsylvania State University
- 2022 Rapid Research Competition, 2nd place winner
College of Health and Human Development, The Pennsylvania State University

Publications

Rulison, K. L., **Chahl, A.**, & Hoeben, E. M. (2023). The role of parenting in shaping the friendship context of adolescent substance use. *Teen Friendship Networks, Development, and Risky Behavior*, 190.

Chahl, A., Bai, S., Rulison, K.L., Fosco, G.M. (2024). Examining the effects of school connectedness on use of self-regulation strategies in middle childhood. *Applied Developmental Science*.

Preprints

Chahl, A. (2023, March 19). A Shiny App for Teachers to Track Daily Student Wellbeing. PsyArXiv, <https://doi.org/10.31234/osf.io/9r6cb> [pre-print]

Papers in Preparation

Chahl, A., Santos-Lozada, A. Emerging evidence of contextual effects for Asian health in the United States (in prep)

Presentations

Chahl, A., Fosco, G.M., Feinberg, M.E., Rulison, K.L., Fisher, Z. (July, 18, 2024). *Peers' Parents Versus Our Own: Parental Monitoring and Differences in Longitudinal Drinking Behaviors Beginning in Adolescence* [Invited Talk at the Netherlands Institute for the Study of Crime and Law Enforcement]

Chahl, A. (July, 18, 2024). *Peer Relationships: my present and past work* [Invited Talk to Wouter van den Bos' Lab, at the University of Amsterdam]

Chahl, A., Chen, L., Ngigi, K., Rist, J., Wang, D., Linden-Carmichael, A. (May 2024). *Exploring Adolescent Strengths: Lasso Regression and Latent Class Analysis for Healthy Youth Development* [Presentation in the SPR Cup Competition]. Society for Prevention Research, D.C.

Chahl, A., Bai, S., Rulison, K.L., Fosco, G.M. (April, 2023). *Coping with Academic Stress: Considering the Complex and Interdependent Influences of Relationships with Peers, Parents, and Teachers* [Paper Symposium]. Society for Research on Adolescence, San Diego, CA.

Chahl, A. *Introduction to Piloting: Dashboard to Track Daily Student Wellbeing* (November, 2022) [Presentation to elementary school teachers and administrators where dashboard I created was piloted]

Research Experience

Fa 2020 –

Sum 2024 *Graduate Research Assistant & Project Manager*

Student Wellness Study, PIs: Gregory M. Fosco, Ph.D., Sunhye Bai, Ph.D.
The Pennsylvania State University

- Coordinated and led baseline and daily diary data collection efforts
- Primary liaison for school-research partnership as a researcher-to-elementary school liaison
- Developed translational products (i.e., self-coded data feedback dashboard for teachers)
- Managed project data management and cleaning, developing codebook

Fa 2020 –

Spring 2024 *Graduate Research Assistant*

The Pennsylvania State University

FAM Best (Families Being Supportive Together Study), PI: Sunhye Bai, PhD.

- Facilitated undergraduate research assistants' professional development
- Coordinated undergraduate research assistant tasks (i.e., data input, transcriptions)
- Conducted participant baseline interviews

Sum 2019 –

Sp 2020 *Undergraduate Research Assistant*

Discrimination in the Adolescent Development Context, PI: Aprile D. Benner, Ph.D.

The University of Texas at Austin

Sp 2018 *Undergraduate Research Assistant*

Adolescent Growth Mindset Intervention, Adolescent Development Research Group

Teaching and Mentoring Experience

Graduate Teaching Assistant

Sp 2023 HDFS 229 Infant and Child Development

Instructor: Sarah Kollat, Ph.D.,

Fa 2022 HDFS 129 Introduction to Human Development and Family Studies,

Instructor: Molly Countermeine, Ph.D.

Guest Lectures

Fa 2024 *Overview of Research Design*

HDFS 312, Empirical Inquiry in Human Development

Fa 2023 *Correlational Methods and Regression*

HDFS 312, Empirical Inquiry in Human Development

Fa 2023 *Inferential Statistics*

HDFS 312 001L, Lab for Empirical Inquiry in Human Development

Sp 2023 *Friendships in Childhood: Social Network Applications*

HDFS 229, Infant and Child Development

2023- *Peers, Cliques, and Crowds- Applications of Social Network Analysis*

HDFS 236, Adolescent Development

Mentorship

Mentor for Honors Student Research

Fa 2022-

Sp 2023 Caroline Horn

Undergraduate Honors Thesis

The Home-to-School Connection: Family Cohesion and How it Impacts Connection to School

Professional Development Lectures

Lectures given to undergraduate research assistants in weekly meetings

- *What the Girl Gang Has Learned: Being a woman of color in STEM (x2)*
- *A Day in the Life of a Ph.D. Student*
- *CV and Resume Building (x2)*
- *How to Read a Journal Article*
- *The Dangers of HARKing (Hypothesizing After Results are Known)*
- *The Dangers of P-hacking*

Skills and Expertise

Software

Proficient in R, R Studio, Qualtrics

Competent in SAS, SPSS, Mplus, Excel Power Query

Familiar with Python

Methods

- Social network analysis
- Psychological network analysis (Graphical VAR)
- Multilevel modeling (Hierarchical linear modeling)
- Bayesian OLS
- Other models for intensive longitudinal data analysis

Trainings

Networks

Jun 2024 The analysis of longitudinal social network data using RSiena
SUNBELT (Social Network Analysis) Conference
Workshop by Viviana Amati Ph.D., and Marion Hoffman Ph.D.

Jun 2024 Introduction to Network Analysis Tools in R
SUNBELT (Social Network Analysis) Conference
Workshop by Michał Bojanowski Ph.D., Lorien Jasny Ph.D.

Jun 2024 Psychological Networks Amsterdam Winter School
Workshop by UvA Psychosystems Group

Other

Dec 2023 Introduction to Structural Equation Modeling
CenterStat by Patrick Curran Ph.D. and Daniel Bower Ph.D.

Jul 2022 Mplus from Scratch
QuantFish by Christian Geiser Ph.D.

Professional Affiliations

The Early Career Preventionist Network
The Early Career Preventionist Network Webpage Committee
Society for Prevention Research
International Network for Social Network Analysis
Society for Research in Child Development
Society for Research in Child Development Asian Caucus
Society for Research on Adolescence

College Service

2023 - College Graduate Equity Ambassador
The Pennsylvania State University
College of Health and Human Development

2024 - Departmental Graduate Steering Committee
2024 - Faculty Meeting Representative
2023 - 2024 Admissions Committee
2022 - 2023 Co-Chair
2021 - 2022 BIPOC Affinity Group Coordinator and Founder
2021 - 2022 Program, Planning, Development, and Evaluation Graduate Representative
2021 - 2022 Newsletter Subcommittee Chair

Additional Service

Mar 2024 Department Undergraduate Student Fair
Featured Graduate Student, poster with my program of research displayed

Mar 2024 Penn State Graduate Research Exhibition
Judge

Jun 2023 Academia Won't Break My Soul: Exploring Refusal and Resistance as We Prepare to Navigate Graduate School
Presentation Panel Member
IMPACT Program Professional Development Program at Penn State
(Improving Access to Research and Training, funded by the NIH National Heart, Lung, and Blood Institute)

Mar 2023 Internships and Graduate School
Presentation Panel Member
Hosted by the HDFFS Undergraduate Student Organization

Feb 2022 The Frederick Douglass Project
Community Presentation Panel Member
Center for the Performing Arts at Penn State