CURRICULUM VITAE FOR PROMOTION AND TENURE

Xiaoran Sun
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IDENTIFYING INFORMATION

Academic Rank

Assistant Professor, Department of Family Social Science

Education

Degree	Institution	Date Degree Granted
B.S.	Zhejiang University Hangzhou, China	2015
M.S.	The Pennsylvania State University University Park, PA	2017
Ph.D.	The Pennsylvania State University Human Development and Family Studies Advisor: Susan M. McHale, Ph.D.	2019

Positions/Employment

University of Minnesota, Twin Cities
Assistant Professor, Family Social Science   12/2021–Present
Affiliate Faculty, Data Science Initiative, College of Science and Engineering
                                                                                                                                07/2022–Present
Core Faculty, Learning Informatics Lab, College of Education and Human Development
                                                                                                                                01/2023–Present
Affiliate Faculty, Learning Informatics Lab, College of Education and Human Development
                                                                                                                                02/2022–12/2022
Affiliate Faculty, Minnesota Population Center   01/2023–Present

Affiliate Faculty, Asian American Studies Program   02/2023–Present

Stanford University
Postdoctoral Scholar, Department of Pediatrics   08/2019–12/2021
Postdoctoral Scholar, Department of Communication   08/2019–12/2021
Postdoctoral Fellow, Stanford Data Science   01/2020–12/2021

Current Membership in Professional Organizations
National Council on Family Relations
Society for Research on Adolescence
Society for Research in Child Development

HONORS AND AWARDS FOR RESEARCH/CREATIVE WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

University of Minnesota

Grant-in-Aid of Research, Artistry and Scholarship Award, 2022–2024

External Sources
Microsoft Azure Computing Award, Stanford Data Science, 2021
Scholarship, Stanford Data Science Scholars Program, 2020–2021
Traineeship, Integrative Graduate Education and Research Training – Big Data Social Science
    (BDSS-IGERT) Training Program, National Science Foundation (Grant DGE-1144860),
    the Pennsylvania State University, 2017–2018
University Graduate Fellowship, the Pennsylvania State University, 2015–2016
Morningside Cultural China Scholarship for Studying Abroad, Zhejiang University, 2015–2019
Honor Graduate, Zhejiang Province, 2015
Li & Fung Scholarship, University of Hong Kong, 2014
Outstanding Undergraduate Scholarship (First-class), Zhejiang University, 2013
National Academic Scholarship, Ministry of Education of P. R. China, 2012

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Grants and Contracts

External Sources

Received at the University of Minnesota:

Title: Using Machine Learning and Large-Scale Longitudinal Data to Identify Key Adolescent
    Social Determinants of Educational Attainment in White, Black, and Latinx Adults
Spencer Foundation
Role: Principal investigator
Dates: 09/2023–08/2024
Direct cost: $50,000

University Sources

Received at the University of Minnesota:

Title: Examining Teenagers' Overnight Smartphone Use and Its Implications for Well-Being
    with High-Intensity Smartphone Data
Grant-in-Aid of Research, Artistry and Scholarship
Office of the Vice President for Research, University of Minnesota
Role: Principal investigator
Dates: 07/2022–07/2024
Direct cost: $34,400

Received at Other Institutions:

Title: Examining Implications of Parent-Adolescent Digital Communication for Their
        Relationship Quality and Adolescent Mental Health
Postdoctoral Support Grant
Maternal and Child Health Research Institute, School of Medicine, Stanford University
Role: Principal investigator
Dates: 01/2022–12/2021
Direct cost: $80,000 ($40,000 received due to other awards)

Pending Proposals

Title: Social Media Use and Mental Health Among Racially/Ethnically Diverse Urban
        Adolescents
National Institute of Health: Katz Early Stage Investigator Research Project Grant
Role: Co-Investigator (10% effort per year)
PI: Jun Wang, Ph.D., Texas A&M University
Dates: 09/2024–08/2029
Total subaward: $138,214 (direct cost: $89,170)
Total amount requested: $3,741,575 (direct cost: $2,486,711)

Title: Project PRISM: Enhancing Apt Epistemic Performance Amongst High School Students
Institute of Education Sciences
Role: Co-Investigator (3.75% effort per year)
PI: Panayiota Kendeou, Ph.D., University of Minnesota
Dates: 09/2024–08/2028
Total direct cost: $1,342,596

Unfunded Proposals

Title: Teen Social Media Use at Night: Objective Patterns and Links to Well-Being
Meta Foundation: Foundational Integrity and Social Impact Research
Role: Principal Investigator
Submission date: 11/2022
Total amount requested: $50,000

Title: Identifying Key Adolescent Social Determinants of Socioeconomic Attainment in
        White, Black, and Latinx Adults: A Data-Based, Cross-Study Synthesis Using
        Machine Learning
Russell Sage Foundation: Pipeline Grants Competition
Role: Principal Investigator
Submission date: 10/2022
Total amount requested: $30,000

Title: P50 - Evaluation of a Machine-Learning Based Clinical Decision Support System for
        Guiding Treatment Decisions for Adolescent Depression
National Institute of Mental Health
Role: Co-investigator for the Digital Phenotyping project; Member of the Digital Technology
        team in the Methods Core (10% effort per year)
PI: Gerald J. August, Ph.D., University of Minnesota
Submission date: 05/2022

Total amount requested: $11,428,243 (direct cost: $7,500,000)

Title: Protect me, Constrain me: Examining Parent-Adolescent Digital Interactions and the
        Implications for Adolescent Well-Being
Society for Research in Child Development: Small Grants Program for Early Career Scholars
Role: Principal Investigator
Submission date: 02/2020
Total amount requested: $7,500

Title: The Family Screenome Project: How do Adolescents and Parents Interact via
        Smartphones?
Stanford School of Medicine: Dean's Fellowship
Role: Principal Investigator
Submission date: 10/2019
Total amount requested: $80,000

Publications

Manuscripts Under Review
(Graduate student co-authors are italicized)

Sun, X. (under review). *Supervised machine learning for exploratory analysis in family.* Manuscript revised and resubmitted for invited submission to *Journal of Marriage and Family*: Mid-Decade Special Issue on Theory and Methods.

McHale, S. M.,* **Sun, X.,*** Updegraff, K. A., & Whiteman, S. D. (under review) *Sibling intimacy across middle childhood, adolescence, and young adulthood: Trajectory and predictors.* Manuscript invited for revision and resubmission to *Developmental Psychology*. (*co-first author)

Hussein, B., **Sun, X.,** *Nielsen, K. M., Xu, T.,* Ram, N., Reeves, B., & Robinson, T. N. (under review) Describing smartphone use among adolescents during school hours using high-intensity objective observations. Manuscript under review, *Journal of Learning Analytics*.

Refereed Journal Articles
(Graduate student co-authors are italicized)

Del Toro, J., Anderson, R. E.,* **Sun, X.,*** & Lee, R. (*in press*) Early adolescents' ethnic-racial discrimination and pubertal development: Parents' ethnic-racial identities promote adolescents' resilience. *American Psychologist*. (*co-second author)

Sun, X., Dworkin, J., & *LeBouef, S.* (2023). Late Adolescents' Texting Experiences with Family: Mixed-Method Analysis for Understanding Themes and Sentiments. *Adolescents, 3*(3), 581-593. https://doi.org/10.3390/adolescents3030041

Dworkin, J., **Sun, X.,** *LeBouef, S., & Keyzers, A.* (2023). Associations among parent technology use, locus of control, and child problem behaviors. *Family Relations, 72*(2), 443-457. https://doi.org/10.1111/fare.12811

Sun, X., Haydel, K. F., Matheson, D., Desai, M., & Robinson, T. N. (2023). Are mobile phone ownership and age of acquisition associated with child adjustment? A 5-year prospective study

among low-income Latinx children. *Child Development, 94*(1), 303-314. https://doi.org/10.1111/cdev.13851

Sun, X., Ram, N., Reeves, B., *Cho, M. J., Fitzgerald, A.,* & Robinson, T. N. (2023). Connectedness and independence of young adults and parents in the digital world: Observing smartphone interactions at multiple timescales using Screenomics. *Journal of Social and Personal Relationships, 40*(4), 1126-1150. https://doi.org/10.1177/02654075221104268

Padilla, J., **Sun, X.,** McHale, S. M., & Updegraff, K. A. (2022). Longitudinal links between adolescent siblings' gender-typed characteristics and sibling relationship quality: A dyadic approach. *Current Psychology*, [online publication]. https://doi.org/10.1007/s12144-022-02919-0

Sun, X.,* Updegraff, K. A.,* McHale, S. M., *Hochgraf, A. K., Gallagher, A. M.,* & Umaña-Taylor, A. J. (2021). Implications of COVID-19 school closures for sibling dynamics among Latinx children in the U.S.: A prospective, daily diary study. *Developmental Psychology, 57*, 1708-1718*.* https://doi.org/10.1037/dev0001196 (*co-first author)

Sun, X., McHale, S. M., Updegraff, K. A., & Umaña-Taylor, A. J. (2021). Implications of Mexican-origin youth's work experiences for relationships with fathers. *Cultural Diversity and Ethnic Minority Psychology, 27,* 796-807. https://doi.org/10.1037/cdp0000468

Skinner, O. D., **Sun, X.,** & McHale, S. M. (2021). Links between marital and parent–child relationship in African American families: A dyadic approach. *Journal of Family Psychology, 35,* 1086-1096. https://doi.org/10.1037/fam0000844

Sun, X., McHale, S. M., & Updegraff, K. A. (2020). Career adaptivity mediates longitudinal links between parent-adolescent relationships and young adult occupational attainment. *Developmental Psychology, 56*, 2309-2321. https://doi.org/10.1037/dev0001120

Sun, X., Ram, N., & McHale, S. M. (2020). Adolescent family experiences predict young adult educational attainment: A data-based cross-study synthesis with machine learning. *Journal of Child and Family Studies, 29.* 2770-2785. https://doi.org/10.1007/s10826-020-01775-5

Sun, X., McHale, S. M., & Crouter, A. C. (2020). Perceived underemployment and couple relationships among African American parents: A dyadic approach. *Cultural Diversity and Ethnic Minority Psychology, 26*, 82-92. https://doi.org/10.1037/cdp0000285

Skinner, O. D., **Sun, X.,** & McHale, S. M. (2020). Longitudinal links between expressivity and African American parent-adolescent relationships: A dyadic approach. *Journal of Child and Family Studies, 29,* 442-454. https://doi.org/10.1007/s10826-019-01578-3

Jenkins, A. I. C., Fredman, S. J., Le, Y., **Sun, X.,** Brick, T. R., Skinner, O. D., & McHale, S. M. (2020). Prospective associations between depressive symptoms and marital satisfaction in Black couples. *Journal of Family Psychology, 34*, 12-23. https://doi.org/10.1037/fam0000573

Sun, X., McHale, S. M., & Updegraff, K. A. (2019). Sibling experiences in middle childhood predict sibling differences in college graduation. *Child Development, 90*, 25-34. https://doi.org/10.1111/cdev.13047

Sun, X., McHale, S. M., & Updegraff, K. A. (2019). Sibling dynamics in adolescence predict young adult orientations to couple relationships: A dyadic approach. *Journal of Adolescence, 77,* 129-138. https://doi.org/10.1016/j.adolescence.2019.10.014

Lawson, K. M., **Sun, X.,** & McHale, S. M. (2019). Family-friendly for her, longer hours for him: Actor-partner model linking work-family environment to work-family interference. *Journal of Family Psychology, 33,* 444-452. https://doi.org/10.1037/fam0000506

Sun, X., McHale, S. M., Crouter, A. C., & Jones, D. E. (2017). Longitudinal links between work experiences and marital satisfaction in African American dual-earner couples. *Journal of Family Psychology, 31 (Special Issue: Advances in Methods and Measurement in Family Psychology),* 1029-1039. https://doi.org/10.1037/fam0000381

Sun, X., McHale, S. M., & Updegraff, K. A. (2017). Maternal and paternal resources across childhood and adolescence as predictors of young adult achievement. *Journal of Vocational Behavior, 100*, 111-123. https://doi.org/10.1016/j.jvb.2017.03.003

Non-refereed Journal Articles, Essays, or Book Chapters

Sun, X. (*in press*). The role of digital technology in adolescent autonomy development: A four-factor model and a global perspective. In Y. Xia & M. de Guzman (Eds). *Adolescents and their families: A global perspective*. Springer.

Sun, X.* & McMillan, C.* (2018). The interplay between families and technology: Directions for future investigation. In J. Van Hook, S. McHale, & V. King (Eds). *Families and technology.* Springer. (*co-first authors)

Invited Non-Academic Publications

Sun, X. (2020, September). Sexual objectification of women: Are "compliments" on the body harmless? [in Chinese; 女性物化："你的身材真好"，是一种无害的夸奖吗？] *Ms. Muses, WeChat,* 3282 views.

Sun, X. (2020, February). "Why is he not texting me back?" How smartphones influence intimate relationships. [in Chinese; "他为什么总不回我信息?" 手机如何影响亲密关系] *Ms. Muses, WeChat,* 2593 views.

Sun, X. (2018, December). Growing up in the same family, why siblings can become so different? [in Chinese; "同一屋檐下，兄弟姐妹为何成为不同的人"] *Ms. Muses, WeChat,* 2178 views.

Sun, X. (2017, February). Is a "Churning" Relationship True Love? [in Chinese; "分分合合"的感情才是真爱吗？] *Ms. Muses*, *WeChat*. 2916 views.

Presentations, Posters, and Exhibits

Invited Presentations at Professional Meetings and Conferences

Sun, X. (2023, April). *Machine Learning for Human Development and Family Research.* Invited talk for the Minnesota Population Center, Minneapolis, MN.

Sun, X. (2022, November). *Machine Learning for Human Development and Family Research: An Overview and an Example*. Talk for the Machine Learning Seminar Series, Data Science Initiative, College of Science and Engineering, University of Minnesota, Minneapolis, MN.

Sun, X. (2022, November). *Uncovering Hidden Perspectives: Using Machine Learning to Understand Fathering, Fatherhood, and Child Care Quality*. Invited discussant for symposium at the National Council on Family Relations, Minneapolis, MN.

Sun, X. (2022, November). *Youth Sibling Relationships During the COVID-19 Pandemic*. Invited discussant for symposium at the National Council on Family Relations, Minneapolis, MN.

Sun, X. (2022, November). *Navigating and Negotiating the Academic and Alt-Ac Job Market*. Invited panel discussant at the National Council on Family Relations, Minneapolis, MN.

Dworkin, J. & **Sun, X.** (2022, March). *Navigating Social Media with Adolescents: Helpful Parenting Practices and Intervention Tools*. Invited webinar for National Council on Family Relations, online.

Sun, X. (2022, February). *Introduction to Machine Learning for Human Development and Family Research.* Invited talk at NICHD SBSBeat (Social and Behavioral Sciences Branch Education and Training) Seminar.

Love, B. & **Sun, X.** (2021, July). *Big Data & Data Mining Approaches for Psychology Research*. Invited talk for the UCL (University College London)-PKU (Peking University) Summer School in Experimental Design in Psychology.

Sun, X. (2020, November). *Introduction to Machine Learning for Family Research: Basic Concepts, Common Algorithms, and Application Examples*. Workshop at the National Council on Family Relations, virtual conference. (137 registered attendees)

Contributed Papers Presented at Professional Meetings and Conferences
(Graduate student co-authors are italicized)

Nielsen, K. M., **Sun, X.,** Ram, N., Reeves, B., & Robinson, T. N. (2024, April) *Accuracy of self-reported smartphone use among adolescents and their parents.* Paper presentation submitted to the Annual Meeting of Society for Research on Adolescence, Chicago, IL.

Sun, X., *Hussein, B., Nielsen, K. M.,* Ram, N., Reeves, B., & Robinson, T. N. (2024, April) Describing adolescents' overnight smartphone use with high-intensity smartphone data: A screenomics approach. Paper presentation submitted to the Annual Meeting of Society for Research on Adolescence, Chicago, IL.

Hanson, A. N., **Sun, X.,** *Nielsen, K. M.,* Ram, N., Reeves, B., & Robinson, T. N. (2023, November) Parent and adolescent perceptions of parent smartphone addiction: A longitudinal descriptive analysis. Paper to be presented at the National Council on Family Relations, Orlando, FL.

McHale, S. M., **Sun, X.,** Updegraff, K. A., & Whiteman, S. D. (2023, November) Sibling Intimacy Across Middle Childhood, Adolescence, and Young Adulthood: Trajectory and Predictors. Paper to be presented at the National Council on Family Relations, Orlando, FL.

Sun, X., *Nielsen, K.,* Ram, N., Reeves, B., & Robinson, T. N. (2023, April). *Adolescent social media use and weight concerns: A longitudinal Screenomics study*. Paper presented at Annual Conference of Society for Research on Adolescence, San Diego, CA.

Del Toro, J., Anderson, R. E., **Sun, X.,** & Lee, R. (2023, March) *Adolescents' resilience to ethnic/racial discrimination: A within-family design reveals the protective role of parents' ethnic/racial identities.* Paper presented at Biennial Meeting of Society for Research in Child Development, Salt Lake City, UT.

Sun, X., Updegraff, K. A., *Cahill, K.,* & Umaña-Taylor, A. J. (2022, November). *Identifying key contextual factors in Latinx parents' depressive symptoms: A machine learning approach*. Paper presented at the National Council on Family Relations, Minneapolis, MN.

Sun, X. & *Wang, Y.* (2021, November). *Typology of research on families and technology: A systematic review*. Paper presented at the TCRM conference at the National Council on Family Relations, virtual conference.

Sun, X., Updegraff, K. A., McHale, S. M., *Hochgraf, A. K., Gallagher, A. M.,* & Umaña-Taylor, A. J. (2021, April). *Implications of COVID-19 school closures for sibling dynamics among Latinx children: A daily diary study.* Paper presented at the 2021 SRCD Virtual Biennial Meeting.

Sun, X., Reeves, B., Ram, N., *Cho, M. J., Fitzgerald, A.,* & Robinson, T. N. (2020, November). *Pulling closer or pushing away? Ambivalence in the dynamics between young adults and parents in the digital context.* Paper presented at the National Council on Family Relations, virtual conference.

Sun, X., Robinson, T. N., Ram, N., Reeves, B., *Cho, M. J., Chiatti, A., Lee, J., Roehrick, K., Yang, X., & Fitzgerald, A.* (2020, July). *Parent-young adult communication in the digital world: A Screenomics paradigm.* Paper presented at 6th International Conference on Computational Social Science (IC2S2), virtual conference.

Sun, X., McHale, S. M., & Updegraff, K. A. (2019, November). *Career adaptivity mediates longitudinal links between parent-adolescent relationships and young adult occupational attainment.* Paper presented at the National Council on Family Relations, Fort Worth, TX.

Sun, X., McHale, S. M., Updegraff, K. A., & Umaña-Taylor, A. J. (2019, November). I*mplications of Mexican-origin youth's work experiences for relationships with fathers.* Paper presented at the National Council on Family Relations, Fort Worth, TX.

Sun, X., & Ram, N. (2019, March). *Family experiences in adolescence predict young adult educational attainment: A machine learning approach.* Paper presented at Biennial Meeting of Society for Research in Child Development, Baltimore, MD.

Sun, X., Chi, G., Yin, J., & McHale, S. M. (2018, October). *Sibling interactions and shared interests on Twitter: Analyses of a selected sibling sample based on archived Twitter data.* Paper presented at SRCD Special Topics: Conference on the Use of Secondary and Open Source Data in Developmental Science, Phoenix, AZ.

Sun, X., McHale, S. M., & Crouter, A. C. (2018, June). *Perceived underemployment among African American spouses: Implications for couple relationships.* Paper presented at the Biennial Meeting of Work and Family Researchers Network, Washington, D.C.

Lawson, K. M., **Sun, X.,** & McHale, S. M. (2018, June). *The associations between wives' and husbands' work-family environment and work-family spillover: Actor-Partner Interdependence Models.* Paper presented at the Biennial Meeting of Work and Family Researchers Network, Washington, D.C.

Sun, X., & McHale, S. M. (2018, April). *Sibling dynamics in adolescence predict young adult orientations to couple relationships: A dyadic approach.* Paper presented at the Biennial Meeting of Society for Research on Adolescence, Minneapolis, MN

Sun, X., McHale, S. M., Crouter, A. C., & Jones, D. E. (2017, November). *Longitudinal links between work experiences and marital satisfaction among African American dual-earner couples.* Paper presented at the National Council on Family Relations. Orlando, FL.

Sun, X., McHale, S. M., & Updegraff, K. A. (2017, November). *Early parental resources predict young adult achievement.* Paper presented at the National Council on Family Relations. Orlando, FL.

Padilla, J. & **Sun, X.** (2017, November). *Links between siblings' gender-typed characteristics and sibling relationship qualities.* Paper presented at the National Council on Family Relations. Orlando, FL.

Sun, X., McHale, S. M., Updegraff, K. A., & Umaña-Taylor, A. J. (2017, May). *Sleep duration predicts time spent on homework among Mexican American adolescents: A daily diary study.* Paper presented at the Pennsylvania State University Mini-Conference on Multivariate/Longitudinal Methods. University Park, PA.

Posters or Exhibitions
(Graduate student co-authors are italicized)

Xu, T., **Sun, X.,** *Nielsen, K. M.,* Ram, N., Reeves, B., & Robinson, T. N. (2024, April). adolescents' perceptions of COVID-19 media messages and their preventive health behaviors. Poster presentation submitted to the Annual Meeting of Society for Research on Adolescence, Chicago, IL.

Park, E., **Sun, X.,** Zhang, X., *Nielsen, K. M.,* Robinson, T. N., Ram, N., & Reeves, B., & (2024, April). Smartphone activities among adolescent sibling dyads: Case studies of sibling similarities and differences using screenome data. Poster presentation submitted to the Annual Meeting of Society for Research on Adolescence, Chicago, IL.

Sun, X., *LeBouef, S.,* & Dworkin, J. (2021, November). *It's how you talk about it: Linguistic correlates of family dynamics from young adults' interviews.* Poster presented at the National Council on Family Relations, virtual conference.

Sun, X., Haydel, K. F., Matheson, D., Desai, M., & Robinson, T. N. (2021, April). *Prospective study of mobile phone acquisition and ownership and well-being among Latinx children.* Poster presented at the 2021 SRCD Virtual Biennial Meeting.

Sun, X., McHale, S. M., Updegraff, K. A., & Umaña-Taylor, A. J. (2018, April). *Time spent on homework among Mexican American adolescents: Contextual correlates and implications for achievement.* Poster presented at the Biennial Meeting of Society for Research on Adolescence, Minneapolis, MN

Sun, X., McHale, S. M., & Updegraff, K. A. (2017, April). *Sibling experiences in middle childhood: Implications for sibling differences in college graduation.* Poster presented at the Biennial Meeting of Society for Research in Child Development, Austin, TX.

Mayfield, K., **Sun, X.,** & McHale, S. M. (2016, October). *Correlates of fathers' and mothers' coparenting in African American families.* Poster presented at the special topics meeting, Babies, Boys, and Men of Color, Society for Research in Child Development, Tampa, FL.

Sun, X., Kim, J. J., Fung, J. J., Park, H. & Lau, A. S. (2014, September). *Mothers' and children's implicit theories of intelligence: Implications for child mental health in Hong Kong families.* Poster presented at the Symposium for UCLA Cross-disciplinary Scholars for Science and Technology, Los Angeles, CA.

Popular Media Presence

Interviews

Stanford Medicine News (November 21, 2022). *Age that kids acquire mobile phones not linked to well-being, says Stanford Medicine study*. https://med.stanford.edu/news/all-news/2022/11/children-mobile-phone-age.html

Penn State News (November 29, 2021). *Impacts of COVID-19 school closures on Latino sibling relationships.* https://www.psu.edu/news/social-science-research-institute/story/impacts-covid-19-school-closures-latino-sibling/

Penn State News (February 12, 2020). *Underemployment affects African American parents and their relationships.* https://www.psu.edu/news/research/story/underemployment-affects-african-american-parents-and-their-relationships/

The University Network (June 25, 2018). Sibling relationships can predict educational success. https://www.tun.com/blog/sibling-relationships-predict-educational-success/

Penn State News (June 18, 2018). *Childhood sibling dynamics may predict differences in college education.* https://www.psu.edu/news/research/story/childhood-sibling-dynamics-may-predict-differences-college-education/

News Reports

The Good Men Project (January 7, 2023). *There's no 'golden rule' for when kids should get their first phone.* https://goodmenproject.com/featured-content/theres-no-golden-rule-for-when-kids-should-get-their-first-phone/

Inc. Magazine (December 6, 2022). *New Stanford research: stop stressing about when to get your kid a phone, because it doesn't matter.* https://www.inc.com/jessica-stillman/new-stanford-research-stop-stressing-about-when-to-get-your-kid-a-phone-because-it-doesnt-matter.html

CNN Indonesia (December 4, 2022). *Makin Dini Dapat Hp Bocah Makin Stres dan Susah Tidur?.* https://www.cnnindonesia.com/teknologi/20221130201208-199-881036/makin-dini-dapat-hp-bocah-makin-stres-dan-susah-tidur

Futurity (November 28, 2022). *There's no 'golden rule' for when kids should get their first phone.* https://www.futurity.org/kids-first-phone-2834212

CTV News (November 25, 2022). *No evidence early childhood phone ownership hurts kids: Stanford study.* https://www.ctvnews.ca/health/no-evidence-early-childhood-phone-ownership-hurts-kids-stanford-study-1.6168722

APA Journals Article Spotlight (February 6, 2020). *Perceived underemployment among African American parents: Ahat are the implications for couples' relationships?* https://www.apa.org/pubs/highlights/spotlight/issue-173

NICHD Newsroom (June 26, 2018). Science Update: Siblings with close relationships more likely to achieve similar levels of education, NICHD study suggests. https://www.nichd.nih.gov/newsroom/news/062618-siblings

ScienceDaily (April 17, 2018). Siblings' experiences in middle childhood predict differences in college graduation status. https://www.sciencedaily.com/releases/2018/04/180417115808.htm

TEACHING AND CURRICULUM DEVELOPMENT

University of Minnesota

Instructor, Department of Family Social Science, Technology in Parenting and Family Relationships (FSOS 3105; 3 units), Fall 2022 (37 students), Spring 2023 (32 students), Fall 2023 (36 students).

Instructor, Department of Family Social Science, Family Research Laboratory (FSOS 5015; 1 unit), Spring 2022 (9 students).

Faculty Development Activities regarding teaching
Three Legged Stool (3LS)—Teaching Module, College of Education and Human Development. Fall 2022 & Spring 2023.
Treks 2022: Preparing for Fall. College of Education and Human Development. Summer 2022.

Collaborative Efforts and Activities
Guest Lecturer, "Discussion on the bioecological model and theory applications." Department of Family Social Science, Conceptual Frameworks in the Family (FSOS 8001; Instructor: Catherine Solheim, Ph.D.), Fall 2023.
Guest Lecturer, "The Family Screenome Project." Department of Family Social Science, CFT Research Methods (FSOS 8036; Instructor: Armeda Wojciak, Ph.D.), Fall 2023.
Co-Instructor, Department of Family Social Science, Technology in Parenting and Family Relationships (FSOS 3105; Instructor: Susan Walker, Ph.D.), Spring 2022 (40 students).

The Pennsylvania State University
Instructor, Department of Human Development and Family Studies, Introduction to Human Development and Family Studies (HDFS 129; 3 units), Summer 2019 (24 students).
Guest Lecturer, "Family as a context of young adult career development." Department of Human Development and Family Studies, Developmental Transition to Adulthood (HDFS 433; Instructor: Olivenne D. Skinner, Ph.D.), Spring 2017.

ADVISING AND MENTORING

Undergraduate Student Activities

Guidance of Undergraduate Students in Undergraduate Research Opportunities (UROP)

| Fall 2023 | Jiayi Long, UROP, *Teen Social Media Use at Night: Gender differences and Links to Well-Being.* |

Guidance of Undergraduate Students in Research Internships and Independent Study

| Fall 2022 | Jiayi Long, 3 credits, *How Contextual Factors in Adolescence Would Predict Young Adult Educational Achievement? A Systematic Review.* |
| Summer 2022 | Nicholas Abbott, 2 credits, *Studying Adolescent Smartphone Behaviors with Screenomics.* |

Guidance of Undergraduate Students in Research Projects

Fall 2023	Pengxiang Xia, Undergraduate Research Assistantship at the Learning Informatics Lab, *Machine Learning for Developmental Science*
Spring 2023	Jiayi Long, Undergraduate Research Assistantship, *Contextual Factors in Adolescence Predicting Young Adult Educational Achievement.*
Summer 2022	Jiayi Long, Undergraduate Research Assistantship, *Smartphone Apps for Digital Health Intervention.*

Graduate Student Activities

Master's Degree Completed

Justine Scattarelli   Committee Member
Educational Psychology (2023)

Doctoral Degree in Progress
Doneila McIntosh   Committee Member
Family Social Science (expected Spring 2025)

Ting Xu   Co-Advisor
Family Social Science (expected Spring 2026)

Eunyoung Park   Committee Member
Family Social Science (expected Spring 2026)

Vianney Binamungu   Co-Advisor
Family Social Science (expected Spring 2027)

Guidance of Graduate Students in Independent Study

Fall 2023	Alexandra Hanson, 2 credits, *Parents' and Adolescents' Perceived Smartphone Addiction.*
Fall 2023	Eunyoung Park, 1 credit, *Adolescents' Smartphone Distraction Management and Their Family Relationship Quality*
Spring 2022	Soyoul Song, 1 credit, *Parents' and Youth's Digital Behaviors and Relationship Dynamics during COVID-19*

SERVICE AND PUBLIC OUTREACH

Service To The Discipline/Profession/Interdisciplinary Area(s)

Editorships
Consulting Editor, *Cultural Diversity and Ethnic Minority Psychology*, 01/2021–Present
Consulting Editor, *Journal of Family Psychology*, 01/2024 (expected)

Ad Hoc Reviewer for Journal Articles and Conference Proceedings
Journal of Family Psychology, 2023, 2022, 2021, 2019, 2017
Development and Psychopathology, 2023
Social Science Research, 2023, 2022
Youth & Society, 2023, 2022, 2021, 2020
The ACM Conference on Human Factors in Computing Systems (CHI), 2023
Developmental Psychology, 2022, 2021
Journal of Marriage and Family, 2022, 2017
Social Development, 2022
Journal of Social and Personal Relationships, 2022, 2021

Chinese Sociological Review, 2021
Frontiers in Psychology, 2021
International Journal of Psychology, 2021
Journal of Adolescence, 2020
Personal Relationships, 2020
Applied Psychology: An International Review, 2020
Community, Work and Family, 2020
Journal of Child and Family Studies, 2019
Journal of Family Studies, 2019

Panel Reviewer for Professional Organizations and Conferences
National Council on Family Relations, 2023, 2022, 2020, 2019
Sibling Focus Group Student Award, National Council on Family Relations, 2023
Reuben Hill Award, National Council on Family Relations, 2021
Society of Research on Adolescence, 2022, 2021, 2020
Society for Research on Child Development, 2020

Review Panels for External Funding Agencies

External Reviewer, CAREER award, National Science Foundation: Developmental Sciences Program, 10/2023
External Reviewer, Regular award, National Science Foundation: Developmental Sciences Program, 10/2023
External Reviewer, Regular award, National Science Foundation: Developmental Sciences Program, 11/2022

Symposia Chaired at Conferences

Siblings in the Interconnected Family Systems: Interdependencies with Parent-Youth and Interparental Relationships. Symposium to be chaired at the National Council on Family Relations, Orlando, FL.   11/2023
Understanding the Digital Media Context for Adolescent Development: Data From Individual and Dyadic Surveys, Social Media, and Smartphones. Symposium chaired at the Annual Meeting of Society for Research on Adolescence, San Diego, CA.   04/2023
Family Dynamics in the Digital World: Qualitative and Quantitative Analyses of Data From Interviews, Social Media, and Smartphones. Symposium chaired at the National Council on Family Relations, virtual conference.   11/2020
How Families Help Youth to Flourish: The Role of Family Dynamics in Adolescent and Young Adult Positive Well-Being. Symposium chaired at the National Council on Family Relations, Fort Worth, TX.   11/2019
Leveraging Machine Learning Methods for Research on Child Development in the Big Data Era. Symposium chaired at the Biennial Meeting of Society for Research in Child Development, Baltimore, MD.   03/2019

Sociocultural Contexts of the Work-Family Interface: A Call to Identify Resiliency Factors.
Symposium chaired at the Biennial Meeting of Work and Family Researchers Network,
Washington, D.C.   06/2018
*The Role of Family in Adolescent and Young Adult Romantic and Sexual Relationships: A Call for
Systems Research.* Symposium chaired at the Biennial Meeting of Society for Research on
Adolescence, Minneapolis, MN.   04/2018

Service To The University/College/Department

University of Minnesota

Committee Member, Undergraduate Student Committee, Department of Family Social Science,
09/2022–Present

The Pennsylvania State University
Graduate Student Representative to Faculty Meetings, Graduate Student Steering Committee,
Department of Human Development & Family Studies, 08/2018–05/2019
Student Advisor, Graduate Student Steering Committee, Department of Human Development &
Family Studies, 08/2017–05/2018