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Education:

2008	PhD. Sociology	University of North Carolina, Chapel-Hill, NC
2004	M.S. Statistics	University of North Carolina, Chapel-Hill, NC
2002	M.A. Sociology	University of North Carolina, Chapel-Hill, NC
1994	B.A. Sociology & Political Science	(<i>magna cum laude</i> in Sociology) University of Minnesota, Minneapolis, MN

Professional Positions:

2017- present	Associate Professor	Department of Human Development and Family Studies Department of Statistics Purdue University, West Lafayette, IN
2019 - present	Co-Director	Advanced Methodologies at Purdue (AMAP) Initiative
2017- present	Courtesy Associate Professor	Department of Speech, Language, & Hearing Sciences Purdue University, West Lafayette, IN
2010-2017	Assistant Professor	Department of Human Development and Family Studies Department of Statistics Purdue University, West Lafayette, IN
2015- 2017	Courtesy Assistant Professor	Department of Speech, Language, & Hearing Sciences Purdue University, West Lafayette, IN

2013- present	Faculty Affiliate	Center for Families Purdue University, West Lafayette, IN
2012-present	Faculty Affiliate	Center for Aging & The Life Course Purdue University, West Lafayette, IN
2008-2010	Postdoctoral Fellow	The Center for Developmental Science University of North Carolina, Chapel-Hill, NC
2004-2008	Research Statistician	Odum Institute for Research in Social Science University of North Carolina, Chapel-Hill, NC

Areas of Interest/Specialization:

Quantitative Methodology and Statistics

- Structural Equation Modeling
- Mixed-Effect Modeling
- Longitudinal Data Analysis
- Survey Data Analysis: Weighting and Complex Samples
- Modeling Experimental Data

Child and Adolescent Development

- Child Maltreatment
- Word/language learning, Stuttering

Aging

- Healthy Aging, Morbidity, and Mortality
- Physical Activity
- Functional Status, Visual Impairment, Aphasia

Published work:

*indicates student coauthor

Refereed Articles:

- Gkartzonikas*, C., Losada-Rojas*, L. L., **Christ, S.**, Pyrialakou, V. D., & Gkritza, K. (2022). A multi-group analysis of the behavioral intention to ride in autonomous vehicles: evidence from three U.S. metropolitan areas. *Transportation*. <https://doi.org/10.1007/s11116-021-10256-7>
- Huffman*, M. K., **Christ, S. L.**, Ferraro, K. F., Klenosky, D. B., Marceau, K., & Amireault, S. (2022). Measuring Physical Activity Regulatory Styles and Identity Among Adults 55 Years or Older. *Journal of Aging and Health*, 8982643211063349. <https://doi.org/10.1177/08982643211063349>

- Mishra*, A. A., Marceau, K., **Christ, S. L.**, Schwab Reese, L. M., Taylor, Z. E., & Knopik, V. S. (2022). Multi-type childhood maltreatment exposure and substance use development from adolescence to early adulthood: A GxE study. *Child Abuse & Neglect*, *126*, 105508. <https://doi.org/10.1016/j.chiabu.2022.105508>
- Arkenberg*, R. H., Seidl, A., & **Christ, S.** (2021). Touch screen assessment of high-risk infants' word knowledge. *Canadian Journal of Speech-Language Pathology and Audiology*, *45*(3), 157–165. https://cjslpa.ca/files/2021_CJSLPA_Vol_45/No_3/CJSLPA_Vol_45_No_2_2021_1224.pdf
- Cho*, H., Forster, A., **Christ, S. L.**, Franks, M. M., Richards, E. A., & Rietdyk, S. (2021). Changes to gait speed when romantic partners walk together: Effect of age and obstructed pathway. *Gait & Posture*, *85*, 285–289. <https://doi.org/10.1016/j.gaitpost.2021.02.017>
- Coppola*, E. C., **Christ, S. L.**, Topp, D., Southwell*, K., Bailey*, K., & MacDermid Wadsworth, S. (2021). Trajectories of depression symptoms during the process of deployment in military couples. *Military Psychology*, *0*(0), 1–11. <https://doi.org/10.1080/08995605.2021.1974807>
- Elkhadragy*, N., **Christ, S. L.**, Bashawri, Y., & AlSaran, H. (2021). Physicians' self-efficacy, beliefs and intentions to provide tobacco cessation services: A cross-sectional study in Riyadh, Saudi Arabia. *Population Medicine*, *3*(April), 1–9. <https://doi.org/10.18332/popmed/134658>
- Gold*, Z. S., Elicker, J., Kellerman*, A. M., **Christ, S.**, Mishra*, A. A., & Howe, N. (2021). Engineering Play, Mathematics, and Spatial Skills in Children with and without Disabilities. *Early Education and Development*, *32*(1), 49–65. <https://doi.org/10.1080/10409289.2019.1709382>
- Huffman*, M. K., **Christ, S. L.**, Ferraro, K. F., Klenosky, D. B., Marceau, K., & Amireault, S. (2021). Questions to Measure Enjoyment of and Satisfaction With Physical Activity: Are They Appropriate for Use in an Older Population? *Innovation in Aging*, *5*(4), igab041. <https://doi.org/10.1093/geroni/igab041>
- Kaganovich, N., & **Christ, S.** (2021). Event-related potentials evidence for long-term audiovisual representations of phonemes in adults. *The European Journal of Neuroscience*, *54*(11), 7860–7875. <https://doi.org/10.1111/ejn.15519>
- Kaganovich, N., Schumaker, J., & **Christ, S.** (2021). Impaired Audiovisual Representation of Phonemes in Children with Developmental Language Disorder. *Brain Sciences*, *11*(4), 507. <https://doi.org/10.3390/brainsci11040507>
- Leonard, L. B., **Christ, S. L.**, Deevy, P., Karpicke, J. D., Weber, C., Haebig*, E., Kueser, J. B., Souto, S., & Krok, W. (2021). A multi-study examination of the role of repeated spaced retrieval in the word learning of children with developmental language disorder. *Journal of Neurodevelopmental Disorders*, *13*(1), 20. <https://doi.org/10.1186/s11689-021-09368-z>
- Lux, U., **Christ, S. L.**, & Walper, S. (2021). Coparenting Problems and Parenting Behavior as Mediating Links Between Interparental Conflict and Toddlers' Adjustment Difficulties in Germany. *Zeitschrift Fur Kinder- Und Jugendpsychiatrie Und Psychotherapie*. <https://doi.org/10.1024/1422-4917/a000835>
- Walsh, B., **Christ, S.**, & Weber, C. (2021). Exploring Relationships Among Risk Factors for Persistence in Early Childhood Stuttering. *Journal of Speech, Language, and Hearing Research: JSLHR*, *64*(8), 2909–2927. https://doi.org/10.1044/2021_JSLHR-21-00034

- Zheng*, D. D., Loewenstein, D. A., **Christ, S. L.**, Feaster, D. J., Lam, B. L., McCollister, K. E., Curiel-Cid, R. E., & Lee, D. J. (2021). Multimorbidity patterns and their relationship to mortality in the US older adult population. *PLoS One*, *16*(1), e0245053. <https://doi.org/10.1371/journal.pone.0245053>
- Christ, S. L.**, & Schwab-Reese, L. M. (2020). Shedding the Constraints of Formal Systems in Research on Child Maltreatment Through High-Quality Measurement and Broad Population Surveys. *International Journal on Child Maltreatment: Research, Policy and Practice*, *3*(1), 105–123. <https://doi.org/10.1007/s42448-019-00040-7>
- Leonard, L. B., Deevy, P., Karpicke, J. D., **Christ, S. L.**, & Kueser, J. B. (2020). After Initial Retrieval Practice, More Retrieval Produces Better Retention Than More Study in the Word Learning of Children With Developmental Language Disorder. *Journal of Speech, Language, and Hearing Research: JSLHR*, *63*(8), 2763–2776. https://doi.org/10.1044/2020_JSLHR-20-00105
- Mihalec-Adkins*, B. P., **Christ, S. L.**, & Day, E. (2020). An exploration of placement-related psychosocial influences on school engagement among adolescents in foster care. *Children and Youth Services Review*, *108*, 104616. <https://doi.org/10.1016/j.childyouth.2019.104616>
- Mishra*, A. A., Friedman, E. M., Mihalec-Adkins*, B. P., Evich*, C. D., **Christ, S. L.**, & Marceau, K. (2020). Childhood maltreatment exposure and physical functional limitations in late adulthood: examining subjective sleep quality in midlife as a mediator. *Psychology & Health*, *35*(5), 573–592. <https://doi.org/10.1080/08870446.2019.1657576>
- Zheng*, D. D., **Christ, S. L.**, Lam, B. L., Feaster, D. J., McCollister, K., & Lee, D. J. (2020). Patterns of Chronic Conditions and Their Association With Visual Impairment and Health Care Use. *JAMA Ophthalmology*, *138*(4), 387–394. <https://doi.org/10.1001/jamaophthalmol.2020.0052>
- Zheng*, D. D., McCollister, K. E., **Christ, S. L.**, Lam, B. L., Feaster, D. J., & Lee, D. J. (2020). Chronic condition patterns in the US population and their association with health related quality of life. *Preventive Medicine*, *136*, 106102. <https://doi.org/10.1016/j.ypmed.2020.106102>
- Friedman, E. M., Mroczek, D. K., & **Christ, S. L.** (2019). Multimorbidity, inflammation, and disability: a longitudinal mediational analysis. *Therapeutic Advances in Chronic Disease*, *10*, 2040622318806848. <https://doi.org/10.1177/2040622318806848>
- Gerwin*, K., Brosseau-Lapr e, F., Brown, B., **Christ, S.**, & Weber, C. (2019). Rhyme Production Strategies Distinguish Stuttering Recovery and Persistence. *Journal of Speech, Language, and Hearing Research: JSLHR*, *62*(9), 3302–3319. https://doi.org/10.1044/2019_JSLHR-S-18-0294
- Haebig*, E., Leonard, L. B., Deevy, P., Karpicke, J., **Christ, S. L.**, Usler, E., Kueser, J. B., Souto, S., Krok, W., & Weber, C. (2019). Retrieval-Based Word Learning in Young Typically Developing Children and Children With Development Language Disorder II: A Comparison of Retrieval Schedules. *Journal of Speech, Language, and Hearing Research: JSLHR*, *62*(4), 944–964. https://doi.org/10.1044/2018_JSLHR-L-18-0071
- Leonard, L. B., Deevy, P., Karpicke, J. D., **Christ, S.**, Weber, C., Kueser, J. B., & Haebig*, E. (2019). Adjective Learning in Young Typically Developing Children and Children With Developmental Language Disorder: A Retrieval-Based Approach. *Journal of Speech, Language, and Hearing Research: JSLHR*, *62*(12), 4433–4449. https://doi.org/10.1044/2019_JSLHR-L-19-0221

- Leonard, L. B., Karpicke, J., Deevy, P., Weber, C., **Christ, S.**, Haebig*, E., Souto, S., Kueser, J. B., & Krok, W. (2019). Retrieval-Based Word Learning in Young Typically Developing Children and Children With Developmental Language Disorder I: The Benefits of Repeated Retrieval. *Journal of Speech, Language, and Hearing Research: JSLHR*, *62*(4), 932–943. https://doi.org/10.1044/2018_JSLHR-L-18-0070
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- Mishra*, A. A., Friedman, E. M., **Christ, S. L.**, & Denning, M. (2019). The Association of Psychological Well-Being with Disablement Processes in a National Sample. *Applied Psychology. Health and Well-Being*, *11*(2), 262–285. <https://doi.org/10.1111/aphw.12152>
- Purwono, U., French, D. C., Eisenberg, N., & **Christ, S.** (2019). Religiosity and effortful control as predictors of antisocial behavior in Muslim Indonesian adolescents: Moderation and mediation models. *Psychology of Religion and Spirituality*, *11*(1), 55–64. <https://doi.org/10.1037/re10000178>
- Rector, J. L., **Christ, S. L.**, & Friedman, E. M. (2019). Well-being and Long-term Physical Activity Participation in Midlife Adults: A Latent Class Analysis. *Annals of Behavioral Medicine: A Publication of the Society of Behavioral Medicine*, *53*(1), 53–64. <https://doi.org/10.1093/abm/kay016>
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- Mishra*, A. A., **Christ, S. L.**, Schwab-Reese, L. M., & Nair*, N. (2018). Post-traumatic stress symptom development as a function of changing witnessing in-home violence and changing peer relationship quality: Evaluating protective effects of peer relationship quality. *Child Abuse & Neglect*, *81*, 332–342. <https://doi.org/10.1016/j.chiabu.2018.05.013>
- Zheng*, D. D., Swenor, B. K., **Christ, S. L.**, West, S. K., Lam, B. L., & Lee, D. J. (2018). Longitudinal Associations Between Visual Impairment and Cognitive Functioning: The Salisbury Eye Evaluation Study. *JAMA Ophthalmology*, *136*(9), 989–995. <https://doi.org/10.1001/jamaophthalmol.2018.2493>
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- Christ, S. L.**, Kwak*, Y. Y., & Lu*, T. (2017a). Adolescents' experience of parental psychological caregiving and neglect: Construct development. *The American Journal of Orthopsychiatry*, *87*(3), 326–336. <https://doi.org/10.1037/ort0000206>
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- Elias, C. M., Shields, C. G., Griggs, J. J., Fiscella, K., **Christ, S. L.**, Colbert, J., Henry, S. G., Hoh, B. G., Hunte, H. E. R., Marshall*, M., Mohile, S. G., Plumb, S., Tejani, M. A., Venuti, A., & Epstein, R. M. (2017). The social and behavioral influences (SBI) study: study design and rationale for studying the effects of race and activation on cancer pain management. *BMC Cancer*, *17*(1), 575. <https://doi.org/10.1186/s12885-017-3564-2>
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- Marini*, C. M., Wadsworth, S. M., **Christ, S. L.**, & Franks, M. M. (2017). Emotion expression, avoidance and psychological health during reintegration: A dyadic analysis of actor and partner associations within a sample of military couples. *Journal of Social and Personal Relationships*, *34*(1), 69–90. <https://doi.org/10.1177/0265407515621180>
- Alexander, S. C., **Christ, S. L.**, Fortenberry, J. D., Pollak, K. I., Østbye, T., Bravender, T., & Shields, C. G. (2016). Identifying types of sex conversations in adolescent health maintenance visits. *Sexual Health*, *13*(1), 22–28. <https://doi.org/10.1071/SH15080>
- Choi*, J. Y., Elicker, J., **Christ, S. L.**, & Dobbs-Oates, J. (2016). Predicting growth trajectories in early academic learning: Evidence from growth curve modeling with Head Start children. *Early Childhood Research Quarterly*, *36*, 244–258. <https://doi.org/10.1016/j.ecresq.2015.12.017>
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Book Chapters:

- Wadsworth, S. M., Whiteman, S., Lester, P., Stander, V., & **Christ, S.** (2022). Parental Deployment Parental deployments and Military Children Military children: A Century of Research. In J. E. Glick, V. King, & S. M. McHale (Eds.), *Parent-Child Separation: Causes, Consequences, and Pathways to Resilience* (pp. 161–188). Springer International Publishing. https://doi.org/10.1007/978-3-030-87759-0_7
- Walper, S., Amberg, S., Thönnissen*, C., & **Christ, S. L.** (2020). The role of gatekeeping in non-resident fathers' contact with their children: Mothers' and fathers' views. In H. Trappe & M. Kreyenfeld (Eds.), *Parental life courses after separation and divorce in Europe* (Vol. 12, pp. 169–191). Springer International Publishing. <https://doi.org/10.1007/978-3-030-44575-1>
- Muntaner, C., Ng, E., Vanroelen, C., **Christ, S. L.**, & Eaton, W. W. (2013). Social stratification, social closure, and social class as determinants of mental health disparities. In C. S. Aneshensel, J. C. Phelan, & A. Bierman (Eds.), *Handbook of the sociology of mental health* (2nd ed, pp. 205–227). Springer.
- Sterba*, S. K., **Christ, S. L.**, Prinstein, M. J., & Nock, M. K. (2011). Beyond treating complex sampling designs as simple random samples: Data analysis and reporting. In A. T. Panter & S. K. Sterba (Eds.), *Handbook of ethics in quantitative methodology* (pp. 267–292). Routledge.
- Barth, R. P., Guo, S., Weigensberg, E. C., **Christ, S. L.**, Bruhn, C. M., & Green*, R. L. (2010). Explaining reunification and reentry three-years after placement in out of home care. In M. B. Webb, K. Dowd, B. Jones Harden, J. Landsverk, & M. Testa (Eds.), *Child welfare and child well-being: New perspectives from The National Survey of Child and Adolescent Well-Being* (pp. 208–235). Oxford University Press. <http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780195398465.001.0001/acprof-9780195398465>
- Bollen, K. A., Bauer, D. J., **Christ, S. L.**, & Edwards, M. C. (2010). Overview of structural equation models and recent extensions. In S. Kolenikov, D. Steinley, & L. A. Thombs (Eds.), *Statistics in the social sciences: Current methodological developments* (pp. 37–79). Wiley.
- Izzo, C. V., Smith, E. G., Eckenrode, J. J., Biemer, P. P., & **Christ, S. L.** (2010). Latent classification of physical abuse as a predictor of adolescent functioning. In M. B. Webb, K. Dowd, B. J. Harden, J. Landsverk, & M. Testa (Eds.), *Child welfare and child well-being: New perspectives from The National Survey of Child and Adolescent Well-Being* (pp. 107–132). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780195398465.001.0001>
- Biemer, P. P., & **Christ, S. L.** (2009). Weighting survey data. In E. D. de Leeuw, J. J. Hox, & D. A. Dillman (Eds.), *International handbook of survey methodology* (Repr, pp. 317–341). Psychology Press.
- Biemer, P. P., & **Christ, S. L.** (2008). Constructing the survey weights. In P. S. Levy & S. Lemeshow (Eds.), *Sampling of populations: methods and applications* (4. ed). Wiley.
- Bollen, K. A., **Christ, S. L.**, & Hipp, J. R. (2004). Growth curve models. In M. S. Lewis-Beck, A. Bryman, & T. F. Liao (Eds.), *The SAGE encyclopedia of social science research methods*. Sage.

Reports:

- Elicker, J., Lane, S., Gold*, Z. S., Mishra*, A., & **Christ, S.** (2018). *Paths to QUALITY Evaluation – Phase 2: Final Report to the Indiana Office of Early Childhood and Out of School Learning Family and Social Services Administration*. Department of Human Development and Family Studies, Purdue University.
https://www.in.gov/fssa/pathstoquality/files/Final_PTQ_Evaluation_Progress_Report_4-18-18.pdf
- Miller, E. A., Miller, D. M., Judson, D. H., He, Y., Day, H. R., Zevallos, K., & Parker, J. D. (2014). *Linkage of 1986-2009 National Health Interview Survey with 1981-2010 Florida Cancer Data System (Series 2(167); Vital and Health Statistics)*. National Center for Health Statistics. http://www.cdc.gov/nchs/data/series/sr_02/sr02_167.pdf
- Lee, D. J., Davila*, E. P., LeBlanc, W. G., Caban-Martinez*, A. J., Fleming, L. E., **Christ, S.**, McCollister, K., Arheart, K., & Sestito, et al. (2012). *Morbidity and disability among workers 18 years and older in the Healthcare and Social Assistance sector, 1997-2007*. U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. <https://doi.org/10.26616/NIOSH PUB2012161>
- Biemer, P. P., **Christ, S.**, & Wiesen, C. (2005). *National Survey of Child and Adolescent Well-being (NSCAW): Statistical analysis manual*. National Data Archive on Child Abuse and Neglect.

Presentations:Invited presentations at regional, national, and international society meetings:

- Christ, S. L. (2020). *How do you catch a cloud and pin it down? Quantifying human and social constructs that are not directly measurable*. Invited presentation at the 2020 Women in Data Science (WiDS) Conference, West Lafayette, IN.
- Christ, S. L. (2018). *Psychological neglect in adolescence and mental well-being*. Invited presentation at the Deutsches Jugendinstitut (DJI) / Germany Youth Institute, Munich, Germany.
- Christ, S. L. (2016). *Alternatives to random assignment for large scale child outcome studies*. Invited presentation at the National Research Conference on Early Childhood (NRCEC), Washington, DC.
- Christ, S. L. (2016). *Methods for multilevel modeling and design effects in Add Health*. Invited presentation at the Add Health User's Conference, Bethesda, MD.
- Christ, S. L. (2014). *Modeling contextual data in the Add Health*. Invited presentation at the 2014 Add Health User's Conference, Bethesda, MD.
- Christ, S. L. (2011). *Child neglect and the socio-behavioral development of adolescents*. Invited presentation at the Sociology Colloquium, University of Notre Dame.
- Christ, S. L. (2004). *Using probability weights in modeling*. Invited presentation at the Annual Meeting of the Southern Sociological Society, Atlanta, GA.

Invited Panel Participation

Post-Talk panelist for Dr. Ronald Wasserstein talk, *Moving to World Beyond $p < 0.05$* , AMAP Special Event, Purdue University, 2019

Toxic Stress across the Lifespan, The Annual Mental Health Symposium. National Alliance on Mental Illness, Purdue University, 2019.

Presentations at Regional, National, and International Meetings:

- Christ, S. L., Mihalec-Adkins*, B., Coppola*, E. C., & Mishra*, A. A. (2021). *Extracurricular activities and school-based adult mentorship buffer some educational consequences of parental emotional neglect during adolescence*. Paper presented at the American Public Health Association Annual Meeting and Expo, San Francisco, CA.
- Mishra*, A. A., Marceau, K., & Christ, S. L. (2021). *Multi-type childhood maltreatment exposure and substance use development from adolescence to young adulthood: A gene-environment interaction study*. Presented at the annual meeting of Population Association of America
- Richards, E., Franks, M., Christ, S., Rietdyk, S., & Teas*, E. (2020). *Concordance of objectively measured physical activity and sedentary behavior between couples*. Paper presented at the American Public Health Association Annual Meeting and Expo, San Francisco, CA.
- Laurence, L., Deevy, P., Karpicke, J., Christ, S., Kueser, J., & Weber, C. (2020). *After initial retrieval practice, more retrieval produces better retention than more study in the word learning of children with DLD*. Poster to be presented at the Annual Symposium on Research in Child Language Disorders, Madison, WI.
- Christ, S. L., Mihalec-Adkins*, B., Coppola*, E. C., Langford*, J., & Mishra*, A. A. (2020). *The short- and long-term academic burdens of parental emotional neglect during adolescence*. Paper to be presented at the Society for Research in Adolescence Biennial Meeting, San Diego, CA. – Canceled due to COVID-19
- Richards, E., Franks, M., Christ, S., McDonough, M., & Forster, A. (2019). *Spouse concordance in objectively measured physical activity among older couples*. Podium presentation. International Society of Behavioral Physical Activity & Nutrition. Prague, Czech Republic.
- Christ, S. L., Walpor, S., & Thönnissen*, C. (2018). *Dynamic relations among partner and parental hostility, negative communication and child well-being*. Paper presented at the Deutsche Gesellschaft für Psychologie, Frankfurt, Germany.
- Lee, D. J., Zheng*, D. D., Christ, S. L., Lam, B. L., & McClure, L. A. (2018). *Visual impairment, multi-morbidity and their association with short term mortality*. Paper presented to the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting.
- Sagrestano, L. M., Christ, S. L., & Coombe, J. (2018). *Contraceptive use and change among participants in the German Family Panel Study*. Paper presented at the 10th European Feminist Research Conference. Göttingen, Germany
- Christ, S. L. (2018). *Alternative methods for utilizing multiple reporter data in longitudinal models*. Paper presented at the 6th PAIRFAM Interdisciplinary International Conference: Innovations in Family Panel Data, Munich, Germany.

- Christ, S. L. (2018). *Primary caregiver domestic violence victimization and their young children's development*. Paper presented at the World Association for Infant Mental Health (WAIMH) 16th World Congress. Rome, Italy.
- McDonough, M. H., Richards, E. A., Franks, M. M., Christ, S., & Marshall*, M. (2017). *Spousal attempts to support activity through pressure and persuasion associated with declines in physical activity in a walking intervention with older adult couples*. Paper presented at the Canadian Society for Psychomotor Learning and Sport Psychology conference, St. John's, NL.
- Elicker, J., Gold*, Z., Christ, S., Mishra*, A., & Lane, S. (2017). *Toddlers' and preschoolers' development as a function of participation in QRIS quality-rated child care: A longitudinal analysis*. Poster presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD
- Richards, E., Franks, M., McDonough, M., & Christ, S. (July 2017). *Walking for our health: Evaluation of randomized spousal physical activity pilot intervention*. Poster presentation. Sigma Theta Tau International's 28th International Nursing Research Congress. Dublin, Ireland.
- Richards, E., Franks, M., McDonough, M., & Christ, S. (2017). *Walking for our health: A randomized spousal physical activity intervention*. Poster presented at the Midwest Nursing Research Society Annual Conference. Minneapolis, MN.
- Elicker, J., Gold*, Z., Lane, S., Mishra*, A. & Christ, S. (2017). *Factors predicting quality advancement in QRIS: Provider characteristics and coaching support*. Invited webinar presentation to the Quality Initiatives Research and Evaluation Consortium, DHHS Office of Planning, Research, and Evaluation, Washington, DC.
- Elicker, J., Gold*, Z., Lane, S., Mishra*, A., & Christ, S. (2017). *Factors predicting quality advancement in QRIS: Provider characteristics and coaching support*. Invited symposium paper at the annual meeting of the Child Care and Early Education Policy Research Consortium, DHHS Office of Planning, Research, and Evaluation, Washington, DC.
- Schwichtenberg, A. J., Amstutz, J., Christ, S. L., Miller, M., & Ozonoff, S. (2016). *Sleep and developmental progress in infants at high-risk for autism*. Paper presented at the 2016 International Meeting for Autism Research, Baltimore, MD.
- Shields, C., Epstein, R., Griggs, J., Fiscella, K., Tejani, M., Elias, C., . . . Marshall*, M. (2016). *Effect of patient race and activation on management of uncontrolled cancer pain*. Paper presented at the 14th International Conference on Communication in Healthcare, Heidelberg, Germany.
- Christ, S. L., Kwak*, Y. Y., Lu*, T., & Coppola*, E. (2016). *Adolescent and young adult mental well-being resulting from caregiver psychological neglect in adolescence*. Paper presented at the 5th PAIRFAM Interdisciplinary International Conference: Parenting, Co-Parenting and Child Well-Being in Changing Families, Munich, Germany.
- French, D. C., Purwono, U., Eisenberg, N., & Christ, S. L. (2016). *Regulation moderates the relation between religiosity and antisocial behavior in Muslim Indonesian adolescents*. Paper presented at the 2016 Society for Research on Adolescents Biennial Meeting, Baltimore, MD.
- Schwichtenberg, A. J., Amstutz, J., Christ, S. L., Miller, M., & Ozonoff, S. (2016). *Sleep and developmental progress in infants at high-risk for autism*. Paper presented at the Sleep 2016, Associated Professional Sleep Societies, Denver, CO.

- Chen, C., Moore, K. J., Caban Martinez*, A. J., LeBlanc, W. G., Lee, C., Cifuentes, M., . . . Fleming, L. E. (2015). *Chemical and physical exposures among green and non-green collar workers in the United States*. Paper presented at the American Public Health Association Annual Meeting and Exposition, Chicago, IL.
- Christ, S. L. (2015). *Structural equation modeling as a global modeling framework with examples from the health sciences*. Paper presented at the Joint Statistics Meetings, Seattle, WA.
- Christ, S. L., Caban Martinez*, A. J., Cifuentes, M., LeBlanc, W. G., Arheart, K. L., Fernandez*, C. A., . . . , & Lee, D. J. (2015). *Self-rated health and depression among green collar workers: Job demand-control pathways to health*. Paper presented at the American Public Health Association Annual Meeting and Exposition, Chicago, IL.
- McClure, L. A., Lee, D. J., Fleming, L. E., Arheart, K. L., LeBlanc, W. G., Chen, C., . . . , & Caban Martinez*, A. J. (2015). *Green collar workers: Epidemiology of an emerging workforce*. Paper presented at the American Public Health Association Annual Meeting and Exposition, Chicago, IL.
- Schwichtenberg, A. J., Christ, S. L., Abel*, E. A., & Poehlmann-Tynan, J. (2015). *Circadian patterns in toddlers born preterm: Longitudinal associations with attentional and behavioral concerns*. Paper presented at the Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA.
- Schwichtenberg, A. J., Christ, S. L., Abel*, E. A., & Poehlmann-Tynan, J. (2015). *The roles of toddler circadian patterns on attentional and behavioral concerns in children born preterm*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.
- Christ, S. L. (2014). *Latent growth curve modeling of constructs measured with multiple items: Latent variables versus composite scores*. Paper presented at the SRCD Special Topic Meeting: Developmental Methodology, San Diego, CA.
- Zheng, D. D., Christ, S. L., Lam, B. L., Tannenbaum, S. L., & Lee, D. J. (2014). *Visual acuity and increased mortality: The role of allostatic load and functional status*. Paper presented at the American Public Health Association Meeting and Exposition, New Orleans, LA.
- Christ, S. L., & Lu*, T. (2013). *The impact of adolescents' exposure to caregiver psychological neglect and peer isolation on their depression*. Paper presented at the American Sociological Association Annual Meeting, New York, NY.
- Christ, S. L., Zheng, D. D., Lam, B. L., West, S. K., Swenor, B. K., Tannenbaum, S. L., & Lee, D. J. (2013). *Impact of visual function changes on mortality through changes in activities of daily living (ADL) and instrumental activities of daily living (IADL) among aging adults*. Poster presented at the American Public Health Association Annual Meeting and Exposition Boston, M.A.
- Zheng, D. D., Christ, S. L., West, S. K., Munoz, B., Swenor, B. K., Tannenbaum, S. L., . . . , & Lee, D. J. (2013). *Longitudinal relationships between visual acuity and depressive symptoms: the Salisbury Eye Evaluation Study*. Poster presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA.
- Berkoff, M. C., Chapman, M. V., & Christ, S. L. (2011). *Concordance of caseworker and caregiver identification of psycho-social problems in child welfare*. Paper presented at the Annual Conference of the Society for Social Work and Research Tampa, FL.

- Block, S. D., Christ, S. L., Runyan, D., Litrownik, A. J., Wiley, T., Dubowitz, H., . . . , & English, D. J. (2011). *Social support correlates of internalizing and externalizing trajectories among at-risk adolescents*. Paper presented at the Biennial Meeting of the Society for Research on Child Development
- Christ, S. L. (2011). *Holistic models of health: A structural equation modeling framework*. Paper presented at the American Public Health Association Annual Meeting and Exposition Washington D.C.
- Christ, S. L., Fleming, L. E., Lee, D. J., Dietz, N., Major, B., Bandiera*, F. C., . . . , & McCollister, K. E. (2011). *Impacts of work and work characteristics on smoking behavior among adolescents and younger adults*. Poster presented at the American Public Health Association Annual Meeting and Exposition Washington D.C.
- Liu, S. & Christ, S. L. (2011). *Drivers for successful implementation of school wellness policies: Implications for strategic planning process*. Paper presented at the American Public Health Association Annual Meeting and Exposition, Washington D.C.
- Block, S. D., Christ, S., & Runyan, D. (2010). *Children at risk: Factors affecting trajectories of resilience*. Paper presented at the International Society for the Prevention of Child Abuse and Neglect, Honolulu, Hawaii.
- Christ, S. L. (2009). *Optimal probability weighting methods in longitudinal methods for data with nonignorable unequal selection and nonignorable wave nonresponse*. Poster presented at the Joint Statistical Meetings, Washington D.C.
- Christ, S. L. (2009). *Defining and measuring child neglect in a developmental-ecological framework*. Poster presented at the 12th annual International Institute on Developmental Science conference, Chapel Hill, North Carolina.
- Christ, S. L., Lee, D. L., & The Ocular Epidemiology Research Group. (2009). *Mechanisms and moderators of the visual impairment and mortality association: The NHIS 1997-2000*. Paper presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Ft. Lauderdale, Florida.
- Christ, S. L. (2008). *Measuring change over time in the child behavior checklist (CBCL/YSR) accounting for random measurement error and reporter bias*. Poster presented at the 11th annual international Institute on Developmental Science conference, Jena, Germany.
- Christ, S. L. (2007). *Reliability estimation and testing using structural equation models* Paper presented at the American Sociological Association Annual Meeting and Exposition New York, NY.
- Christ, S. L., Lee, D. J., Lam, B. L., Zheng, D. D., Arheart, K. L., & Caban-Martinez*, A. J. (2007). *New advances in mortality analysis: Direct and indirect effects of visual impairment and ocular disease on mortality estimated in structural equation models*. Paper presented at the Fourth U.S. Symposium on Ocular Epidemiology, Sarasota, Florida.
- Zheng, D. D., Lam, B. L., Arheart, K. L., Christ, S. L., Caban Martinez*, A. J., & Lee, D. J. (2007). *Visual impairment and suicide mortality: National Health Interview Survey (NHIS) 1986-1996*. Paper presented at the Fourth U.S. Symposium on Ocular Epidemiology, Sarasota, FL.
- Arheart, K. L., Lee, D. J., Fleming, L. E., Chung-Bridges, K., Christ, S. L., LeBlanc, W. G., . . . Pitman, T. (2006). *Trends in health insurance coverage in US worker groups: The National Health Interview Survey (NHIS)*. Paper presented at the National Occupation Research Association Meeting, Washington, DC.

- Christ, S. L., Lee, D. J., Fleming, L. E., LeBlanc, W. G., Arheart, K. L., Chung-Bridges, K., . . . McCollister, K. E. (2006). *Depressive symptoms and older US workers: The National Health Interview Survey (NHIS) 1998-2003*. Paper presented at the National Occupation Research Association Meeting, Washington, D.C.
- Fleming, L. E., Lee, D. J., Caban Martinez*, A. J., LeBlanc, W. G., Chung-Bridges, K., Christ, S. L., . . . Pitman, T. (2006). *The health behaviors of the aging US workers: The National Health Interview Survey (NHIS) 1997-2003*. Paper presented at the National Occupation Research Association Meeting, Washington, DC.
- LeBlanc, W. G., Fleming, L. E., Lee, D. J., Christ, S. L., Chung-Bridges, K., Caban Martinez*, A. J., & Pitman, T. (2006). *Prevalence of recent skin examinations in US worker groups: The National Health Interview Survey (NHIS)*. Paper presented at the National Occupation Research Association Meeting, Washington, DC.
- Lee, D. J., Christ, S. L., Arheart, K. L., Chung-Bridges, K., LeBlanc, W. G., Caban Martinez*, A. J., . . . , & Pitman, T. (2006). *Smoking prevalence and healthcare provider smoking cessation advice among US worker groups: The National Health Interview Survey (NHIS)*. Paper presented at the National Occupation Research Association Meeting, Washington, DC.
- Lam, B. L., Christ, S. L., Lee, D. J., Zheng, D. D., Caban*, A. J. *Examination of associations between visual impairment and mortality risk using structural equation modeling*. Poster presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, April 2006.
- Christ, S. L. (2005). *Inference in structural equation modeling using samples with unequal probabilities of selection and misspecified models*. Paper presented at the Latent Variable Models and Survey Data for Social Sciences Research Montreal.
- Christ, S. L. (2004). *The socializing effects of school tracking systems on democratic citizenship*. Paper presented at the Annual Meeting of the Southern Sociological Society, Atlanta, GA.
- Christ, S. L. (2003). *The effects of household and family structures on adult civic and political participation in the U.S.* Paper presented at the Annual Meeting of the Southern Sociological Society, New Orleans, LA.

Graduate Student Led Presentations:

- Coppola*, E. C., Bailey*, K. M., Christ, S. L., & MacDermid Wadsworth, S. (2021). *Bivariate and cumulative patterns of risk and resilience among youth exposed to parental deployment*. Paper accepted for presentation at the annual meeting of the Society for Research on Child Development.
- McCall*, C. E., Franks, M. M., Marini*, C. M., Christ, S., Agnew, C. R., Wilson, S., & MacDermid Wadsworth, S. M. (2021, September 20). *Couples' cognitive interdependence predicts relationship satisfaction one year following a military deployment* [Poster presentation]. International Association for Relationship Research 2021 Virtual Conference.
- Mihalec-Adkins*, B. P., & Christ, S. L. (2020, November). *Alcohol Misuse as Both a Context and Consequence of Childhood Maltreatment: Preliminary Evidence From a Scoping Review*. National Council on Family Relations (NCFR), Families & Health Section; Session Title: Adverse Childhood Experiences and Health. (Virtual conference due to COVID-19)

- Coppola*, E. C., Bailey*, K. M., Christ, S. L., & MacDermid Wadsworth, S. (2020). *Risk and resilience factors among youth exposed to parental combat deployment*. In J. M. Duncan (Chair). *The fight at home: Understanding the contexts of stressful experiences for military families*. Symposium submitted for presentation at the annual meeting of the National Council on Family Relations. St. Louis, MO.
- Coppola*, E. C., & Christ, S. L. *Longitudinal trajectories of depression symptoms among U.S. service members and veterans*. Paper submitted for presentation at the Add Health Users Conference, Bethesda, MD.
- Coppola*, E. C., Bailey*, K. M., Christ, S. L., & MacDermid Wadsworth, S. M. (2020). *Risk and resilience factors among youth exposed to parental combat deployment*. Paper to be presented at National Conference of Family Relations, St. Louis, MO.
- Bailey*, K., Coppola*, E., Christ, S. L., & MacDermid Wadsworth, S. (2020). *Examining exposure to parental combat-zone deployment on youth internalizing behaviors: The role of family functioning*. Poster to be presented at the Society for Research in Adolescence Biennial Meeting, San Diego, CA. – Meeting canceled due to COVID-19.
- Coppola*, E. C., Christ, S. L., Topp, D., Southwell*, K., Bailey*, K., & MacDermid Wadsworth, S. (2019). *Trajectories of depression symptoms during the process of deployment in military couples*. Paper to be presented at National Conference of Family Relations, Fort Worth, TX.
- Mihalec-Adkins*, B. P., Christ, S. L., & Day, E. (2019). *An exploration of placement-related psychosocial influences on school engagement among adolescents in foster care*. Poster presented at the American Psychological Association Annual Convention. Chicago, IL.
- Mishra*, A. A., Schwab-Reese, L. M., & Christ, S. L. (2019). *Patterns of change over time in children's out-of-home placement: associated risk factors and outcomes*. Paper presented in a symposium at the biennial meeting of the Society for Research on Child Development, Baltimore, MD.
- Mishra*, A. A., & Christ S.L. (2019). *Trajectories of different types of aggressive behaviors among at-risk adolescence: examining contextual influences*. Poster presented at the biennial meeting of Society for Research on Child Development, Baltimore, MD.
- Mishra*, A. A., Friedman E.L., & Christ S.L. (2019). *The association of psychological well-being on disablement processes*. Poster presented at the American Psychological Association Annual Convention. Chicago, IL.
- Zheng*, D. D., Christ, S. L., Lam, B. L., McCollister, K. E., Feaster, D. J., & Lee, D. J.. (2019). *Patterns of chronic conditions and their association with visual impairment*. Paper presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Vancouver BC, Canada.
- Zheng*, D. D., McCollister, K. E., Feaster, D. J., Christ, S. L., Lam, B. L., & Lee, D. J. (2019). *Chronic condition patterns in the U.S. population and their association with health-related quality of life*. Poster presented at the American Public Health Association Aging Section. Philadelphia, PA.
- Zheng*, D. D., Christ, S. L., Feaster, D. J., Lam, B. L., McCollister, K. E., & Lee, D. J. (2019). *Chronic condition patterns in the U.S. population and their relationship with mortality*. Poster presented at the Gerontology Society of America. Austin, TX.
- Gold*, Z. S., Elicker, J., Schmitt, S. A., Purpura, D. J., Brophy, S. P., Christ, S. L., Kellerman*, A. M., Evich*, C. D., Frauhiger, A. E., & Mishra*, A. A. (2018). *Engineering play: Exploring associations with executive function, mathematical ability, and spatial ability in preschool*. Poster presented at the Annual Meeting of the Administration for Children and Families' National Research Conference on Early Childhood, Washington, DC.

- Mihalec-Adkins*, B. P., Warnock*, A., & Christ, S. L. (2018). *Do school engagement and connection protect against cognitive functioning deficits for adolescents experiencing emotional neglect?* Paper presented at the Society for Research in Child Development Special Topics Meeting: Conference on the Use of Secondary and Open Source Data in Developmental Science. Phoenix, Arizona.
- Mishra* A.A., & Christ S.L. (2018). *Buffering role of social support on the association between maltreatment exposure and externalizing trajectories.* Poster presented at the biennial meeting of Society for Research on Adolescence, Minneapolis, MN.
- Abel*, E. A., Schwichtenberg, A. J., Christ, S. L., & Brodhead, M. T. (2017). *Sleep in children with autism spectrum disorder: Exploring bidirectional relations with daytime challenging behaviors.* Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, TX.
- Abel*, E. A., Schwichtenberg, A. J., Brodhead, M. T., & Christ, S. L. (2017). *Autism spectrum disorder: Does sleep influence challenging behaviors during center-based behavioral treatment?* Poster presentation at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Kwak*, Y. Y., & Christ, S. L. (2017). *Reciprocal relationship between parental psychological aggression and adolescent externalizing problems: Does the reporter matter?* Poster presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.
- Marini*, C., MacDermid Wadsworth, S., Franks, M., Christ, S., & Wilson, S. (2017). *Stress generation and marital discord: Linking marital quality and mental health.* Poster presented at the National Council on Family Relations Annual Conference, Orlando, FL
- Marshall*, M., Franks, M. M., Richards, E., McDonough, M., Christ, S. (2017). *Walking for our health: Married partners' collaboration and physical activity.* Poster presented at the 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- Mishra*, A., Christ, S., & Mihalec-Adkins*, B. (2017). *The Mediating role of sleep on the associations between childhood maltreatment types and later life health conditions.* Paper presented at the Biennial meeting of the Society for Research in Child Development, Austin, TX.
- Mishra*, A. A., Mihalec-Adkins*, B. P., & Christ, S. L. (2017). *Dynamic associations between witnessing in-home violence, post-traumatic stress, and physical aggression.* Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Kwak*, Y. Y., & Christ, S. L. (2017). *Bidirectionality between parental psychological abuse and youth problem behaviors: Does the Reporter Matter?* Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Zheng*, D. D., Christ, S. L., West, S., Swenor, B. K., Lam, B. L., & Lee, D. J. (2017). *Longitudinal relationship between visual acuity and cognitive functioning in community residing older adults: The Salisbury Eye Evaluation Study.* Paper presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI
- Zheng*, D. D., Christ, S. L., Lam, B. L., & Lee, D. J. (2017). *Multi-morbidity and short term mortality in the U.S. population.* Poster presented at the American Public Health Association Aging Section. Baltimore, MD.
- Coppola*, E. C., Christ, S. L., Cardin, J. F., Bailey*, K., Southwell*, K., & MacDermid Wadsworth, S. (2016). *Trajectories of psychological functioning in military couples.* Poster presented at the Annual Meeting of the National Council on Family Relations, Minneapolis, MN.

- Coppola*, E., Christ, S. L., & Johnson*, A. M. (2016). *The lasting mental health burden of experiencing parental psychological neglect in adolescence*. Paper presented at the Add Health User's Conference, Bethesda, MD.
- Mishra*, A. A., & Christ, S. L. (2016). *Impact of peer relationship and exposure to violence on post-traumatic stress for children in-risk for maltreatment*. Poster presented at the 2016 Society for Research on Adolescents Biennial Meeting, Baltimore, MD.
- Zheng*, D. D., Christ, S. L., Lam, B. L., & Lee, D. J. (2016). *Multi-morbidity patterns and their relationship to visual impairment*. Paper presented at the American Public Health Association Annual Meeting, Denver, CO.
- Mishra*, A. A., Loeser*, M., & Christ, S. L. (2015). *Impact of multiple resilience factors on behavioral outcomes among adolescents involved with CPS*. Poster presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- Choi*, J., Elicker, J., & Christ, S. L. (2014). *Head Start children's developmental trajectories in math: An ecological perspective*. Paper presented at the American Educational Research Association Annual Meeting, Philadelphia, PA.
- Hur*, J. H., & Christ, S. L. (2014). *Evaluation of a measure of caregiver emotional abuse of adolescents*. Poster presented at the SRCDC Special Topic Meeting: Developmental Methodology, San Diego, CA.
- Kachan*, D., Christ, S. L., Fleming, L. E., Muennig, P., Guillermo, P., Tannenbaum, S. L., . . . Lee, D. J. (2014). *Healthcare cost and utilization of older adults: Where can we intervene?* Paper presented at the American Public Health Association Meeting and Exposition, New Orleans, LA.
- Kwak*, Y. Y., & Christ, S. L. (2014). *Children's depression change over time during the process of parents' divorce*. Poster presented at the NCFR 76th Conference, Baltimore, MD.
- Kwak*, Y. Y., & Christ, S. L. (2014). *Development of a new measure of caregiver psychological neglect of adolescents*. Poster presented at the SRCDC Special Topic Meeting: Developmental Methodology, San Diego, CA.
- Kwak*, Y. Y., Lu*, T., & Christ, S. L. (2014). *Organizational engagement and informal activities among adolescents involved with Child Protective Services (CPS) in the U.S.* Poster presented at the Society for Research in Adolescence Biennial Meeting, Austin, TX.
- Lowe*, K., Dotterer, A. M., & Christ, S. L. (2014). *Operationalizing parent involvement in college: A confirmatory factor analysis*. Poster presented at the National Council on Family Relations, Baltimore, MD.
- Fernandez*, C. A., Christ, S. L., LeBlanc, W. G., Arheart, K. L., Dietz, N. A., McCollister, K. E., . . . Lee, D. J. (2013). *Childhood trauma and its influence on occupational prestige in young adulthood*. Poster presented at the American Public Health Association Annual Meeting and Exposition Boston, MA.
- Fernandez*, C. A., LeBlanc, W. G., Arheart, K. L., Dietz, N., McCollister, K. E., Fleming, L. E., . . . Lee, D. J. (2013). *Effects of childhood victimization on future occupational prestige and income trajectories*. Paper presented at the International Conference on Occupational Stress and Health, Los Angeles, CA.
- Ocasio*, M. A., Fleming, L. E., LeBlanc, W. G., Christ, S. L., Caban-Martinez*, A. J., Arheart, K. L., . . . Sestito, J. (2013). *Young worker occupational surveillance in the United States: Opportunities and challenges*. Paper presented at the American Public Health Association Annual Meeting and Exposition, Boston, M.A.

- Zhang*, C., & Christ, S. L. (2013). *The relations between at-risk children's early peer-relations and language development*. Poster presented at the Biennial Meeting of the Society for Research on Child Development Seattle, WA.
- Upatising*, B., Christ, S. L., Hanson, G. J., Yih, Y., & Takahashi, P. Y. (2012). *Effects of telemonitoring on hospital and ED visits for older adults: An HGLM approach*. Paper presented at the INFORMS Workshop on Data Mining and Health Informatics, Phoenix, AZ.
- Lu*, T., & Christ, S. L. (2011). *Trajectories of caregiver warmth in relation to changes in perceived social support and children's externalizing behaviors: Growth analysis in children exposed to maltreatment*. Paper presented at the National Child Welfare Evaluation Summit, Washington D.C.

Undergraduate Student Led Presentations:

- Adams*, A., & Christ, S. (2016). *Measuring Aggression Types and Changes in Levels of Aggression across Age for the Population of Adolescents in Contact with Child Protective Services*. Poster presented at the Purdue Undergraduate Research & Poster Symposium and Purdue LSAMP Annual Research Banquet, West Lafayette, IN.
- Langford*, Jayla, & Christ, S. L. (2019). *The Value of Mentors for Young Adults*. Poster presented at the Purdue Undergraduate Research Conference., West Lafayette, IN.
- Rutsito*, K., Price*, N., & Christ, S. L. (2020). *Parent health correlates of child mental health trajectories for a population of at risk children*. Poster presented at the Indiana Public Health Association Meeting, Indianapolis, IN. – Canceled due to COVID-19

Extramural Funding:

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|-------------|--|
| 2021 - 2026 | Co-Investigator , R01 DC018593, Borovsky (PI)
National Institute on Deafness and other Communication Disorders
<i>Lexico-Semantic Abilities in Early Language Growth and Delay</i>
Total: \$3,588,441 |
| 2021 - 2026 | Co-Investigator , R01 DC019129, Lee (PI)
National Institute on Deafness and other Communication Disorders
<i>Implicit Structural Priming As A Treatment Component In Aphasia</i>
Total: \$3,719,848 |
| 2021 - 2026 | Co-Investigator , MacDermid Wadsworth (PI)
U.S. Army Medical Research & Development Command
<i>Long-Term Consequences of Mother's and Father's Wartime Deployments</i>
Total: \$1,267,673 |
| 2021 - 2026 | Co-Investigator , R01 DC014708, Leonard (PI)
National Institute on Deafness and other Communication Disorders
<i>Retrieval-Based Word Learning In Developmental Language Disorder</i>
Total: \$3,007,610 |

- 2020 - 2025 **Principal Investigator**, Michigan State University
Subcontract, R01 DC018000 Walsh (PI)
National Institute on Deafness and other Communication Disorders
Developmental Trajectories to Stuttering Persistence and Recovery
Subcontract: \$110,395
- 2019 - 2024 **Co-Investigator**, R01 DC017017, Kaganovich (PI)
National Institute on Deafness and other Communication Disorders
Audiovisual Processing in Children with Developmental Language Disorders
Total: \$2,034,460
- 2018 - 2023 **Co-Investigator**, R01 HD091373, MacDermid Wadsworth (PI)
Eunice Kennedy Shriver National Institute of Child Health and Human
*Effects During Adolescence of Early Childhood Exposure to Parental
Wartime Deployment*
Total: \$3,565,213
- 2017 - 2019 **Principal Investigator**
Spencer Foundation
*The Impacts of Emotional Neglect During Adolescence on Academic
Functioning and Long-term Educational Attainment: How do Schools
Facilitate Protection?*
Total: \$49,869
- 2017 - 2020 **Co-Investigator**, R21 DC015868, Lee (PI)
National Institute on Deafness and other Communication Disorders
Word vs. Structure-Driven Sentence Production in Aphasia
Total: \$447,859
- 2016 - 2021 **Co-Investigator**, R01 DC014708, Leonard (PI)
National Institute on Deafness and other Communication Disorders
Retrieval-Based Word Learning in Specific Language Impairment
Total: \$2,631,935
- 2016 - 2018 **Co-Investigator**, Elicker (PI)
Indiana Family and Social Services Administration-Child Care Bureau
*Evaluation of Paths to QUALITY, the Indiana Child Care Quality Rating
and Improvement System (QRIS): Phase 2*
Total: \$49,869
- 2015 - 2016 **Co-Investigator**, R21 DA037384, Matthias & Shields (PIs)
National Institute on Drug Abuse
*Identifying Communicative Factors affecting Opioid Management for
Chronic Pain*
Total: \$324,281

- 2014 - 2019 **Co-Investigator**, 12120283, Ward (PI)
National Science Foundation
MCTP: Sophomore Transitions: Bridges Into a Statistics Major and Big Data Research Experience via Learning Communities
Total: \$1,990,940
- 2013 - 2018 **Co-Investigator**, R01 AG041750, Friedman (PI)
National Institute of Aging
Living Well with Later Life Multimorbidity: A Biopsychosocial Approach
Total: \$1,200,000
- 2013 - 2018 **Co-Investigator**, R01 DC000559, Smith (PI)
National Institute on Deafness and other Communication Disorders
Physiological Correlates of Stuttering
Total: \$3,758,568
- 2014 - 2016 **Co-Investigator**, R00 MH092431, Schwichtenberg (PI)
National Institute of Mental Health
Self-Regulation and Sleep in Children at Risk for Autism Spectrum Disorders
Total: \$930,000
- 2011 - 2016 **Co-Investigator**, R01 CA155376, Shields & Epstein (PIs)
National Cancer Institute
Social and Behavioral Influences on Clinical Communication and Pain Management
Total: \$2,700,000
- 2015 – 2016 **Principle Investigator**, Loan Repayment Program Renewal
National Institute Health Pediatric Research LRP
Statistical Modeling in Child Development
- 2014 – 2015 **Co-Investigator**, MacDermid Wadsworth (PI)
National Institute of Food and Agriculture
Using Practical Rigor to Evaluate U.S. Military Family Support Programs: Development and Implementation Plans
Total: \$1,363,636
- 2012 - 2014 **Principle Investigator**, Loan Repayment Program Renewal
National Institute Health Pediatric Research LRP
Evaluating Maltreatment Effects on Adolescent Well-Being Using Advanced Modeling
- 2011 - 2013 **Principal Investigator**, University of Miami
Subcontract of R21 EY021187, Lee (PI)
National Eye Institute
Ocular and Health Trajectories: The SEE Study
Subcontract: \$35,000; Total: \$437,673

- 2010 – 2012 **Principle Investigator**, Loan Repayment Program
National Institute Health Pediatric Research LRP
Evaluating Maltreatment Effects on Adolescent Well-Being Using Advanced Modeling
- 2010 - 2012 **Principal Investigator**, University of Miami
Subcontract of R01 OH003915, Lee (PI)
CDC, National Institute Occupational Safety and Health
*Surveillance of Mortality and Morbidity in US Workers
(Health Disparities, Morbidity and Mortality in Youth Worker)*
Subcontract: \$28,000; Total: \$1,337,000
- 2009 - 2010 **Principal Investigator**, F32 HD059318
National Institute of Child Health and Human Development
Evaluating Maltreatment Effects on Adolescent Well-being Using Advanced Modeling
Total: \$102,394

Intramural Funding:

- 2022 - 2023 **Co-Investigator**, Purdue Clifford Kinley Trust Award, (Francis, PI)
Listening demand, balance and fall risk in older adults
Total: \$24,767
- 2021 - 2022 **Principal Investigator**, Ross-Lynn Research Scholar Program
The synergistic transmission of alcohol misuse and childhood emotional maltreatment: Improving measurement to establish accuracy and replication in population studies
Total: \$31,684
- 2019 - 2020 **Co-Investigator**, Indiana CTSI Community Health Partnerships – Trailblazer Award (Amireault, PI)
Factors Associated With the Maintenance of Physical Activity Beyond Program Termination: A Longitudinal Investigation Among Rural Older Adults
Total: \$24,430
- 2019 - 2020 **Principal Investigator**, Purdue Research Foundation Research Grant
The Impacts of Emotional Neglect During Adolescence on Academic Functioning and Long-Term Educational Attainment: How do Schools Facilitate Protection?
Total: \$30,657, Graduate RA funding for one year

- 2018 - 2019 **Co-Investigator**, Purdue Center for Families Hancock Fellowship, (Richards, PI)
Stepping Out: A Pilot Study of Older Couples' Paired Walking
Total: \$10,000
- 2016 - 2017 **Co-Investigator**, Purdue Clifford Kinley Trust Award, (Richards, PI)
Walking for Our Health. A Test of a Couple-Focused Approach to Promote Physical Activity
Total: \$19,998
- 2016 - 2017 **Principal Investigator**, Clifford Kinley Trust Award
Adolescent Aggressive Behaviors: Transmission of Violence Through Maltreatment Exposures
Total: \$20,000
- 2016 - 2017 **Principal Investigator**, Purdue Research Foundation Research Grant
Adolescent Aggressive Behaviors Resulting From Maltreatment Exposures
Total: \$26,802, Graduate RA funding for one year
- 2016 **Principal Investigator**, Undergraduate Research Enhancement Award, The Center for Families
Child Maltreatment and Child Development in Context
Total: \$500
- 2016 **Principal Investigator**, Purdue Research Foundation Summer Faculty Grant
Adolescent Aggressive Behaviors Resulting From Maltreatment Exposures
Total: \$8,000
- 2014 - 2016 **Principal Investigator**, Agricultural Research at Purdue Assistantships in Food and Agriculture
The Protective Effects of School and Community Engagement Among Adolescents at Risk for Maltreatment
Total: \$37,000, Graduate RA funding for two year
- 2014 **Principal Investigator**, Kontos Faculty Fellowship, The Center for Families
Child Maltreatment and Child Development in Context
Total: \$9,767
- 2013 - 2014 **Principal Investigator**, Purdue Research Foundation Research Grant
Evaluating Maltreatment Effects on Adolescent Well-Being Using Advanced Modeling
Total: \$26,000, Graduate RA funding for one year

- 2013 - 2015 **Principal Investigator**, Agricultural Research at Purdue, Assistantship in Food and Agriculture
The Protective Effects of School and Community Engagement Among Adolescents at Risk for Maltreatment
Total: \$37,000, Graduate RA funding for two years
- 2011 - 2012 **Principal Investigator**, Clifford Kinley Trust Award
Impacts of Child Maltreatment on Adolescent Development
Total: \$20,000
- 2011 - 2012 **Co-Principal Investigator**, Indiana CTSI Purdue Project Development Team
Determining the Key Drivers to Successful Implementation of School Wellness Policies in Preventing Childhood Obesity
Total: \$10,000

Statistical Consulting:

- 2019 - 2021 **Consultant**, 1918033, Beyerlein (PI)
NSF, Division of Social and Economic Sciences
Collecting a Representative Sample of Social Movement Events to Study Change Over Time
- 2012 - 2014 **Consultant**, R03 OH010124, Lee (PI)
CDC, National Institute Occupational Safety and Health
Green Collar Workers, The New Frontier
- 2012 - 2013 **Consultant**, Lee (PI)
Florida Department of Health Bankhead-Coley Cancer Research Program
Florida Cancer Health Disparities: The FCDS/NCHS Cancer Linkage
- 2009 - 2011 **Consultant**, R21 EY019096, Lee (PI)
National Eye Institute
Health and Economic Aspects of Ocular Disease in the US
- 2008 - 2010 **Consultant**, R01 OH003915, Fleming (PI)
CDC, National Institute Occupational Safety Health
Surveillance of Mortality and Morbidity in US Workers (Health Disparities, Morbidity and Mortality in Youth Worker)
- 2006 - 2009 **Consultant**, R03 EY016481, Lee (PI)
National Eye Institute
Epidemiology of Visual Impairment: The 1986-2002 NHIS

- 2006 - 2008 **Consultant**, R03 DA020748-01A1, Wells (PI)
National Institute on Drug Abuse
How Child Welfare Inter-Agency Cooperation may Reduce Youth HIV Risk Behaviors
- 2005 - 2007 **Consultant**, R01 OH003915, Fleming (PI)
CDC, National Institute Occupational Safety Health
Surveillance of Mortality and Morbidity in US Workers

Awards:

- 2020 Faculty Leadership Academy for Interdisciplinary Research (FLAIR), Fellow
- 2019 Honorable Mention for the National Foundation to End Child Abuse and Neglect (EndCAN) Disruption Paper Competition
- 2015 College of Science Team Award for Statistics Living Learning Community
- 2014 Center for Aging and the Life Course Outstanding Professor Award for Exceptional Teaching and Mentoring of Emerging Scholars in Aging
- 2009 Santen Pharmaceutical Travel Award for travel to 2009 ARVO meeting
- 2008 - 2009 T32 Postdoctoral Fellowship Award at the Center for Developmental Science, UNC
- 2000 - 2001 NSF Democracy Traineeship Full Award, UNC
- 1999 - 2000 NSF Democracy Traineeship Top Up Award, UNC

Mentorship:

Completed Dissertations Chaired or Co-Chaired:

- Yale, Melissa, Ph.D. / Educational Psychology – *Profiling Prostate Cancer Patient Preferences using Latent Models*, Ph.D., 2012 (unpublished).
- Chan, Wai, Ph.D. / Human Development & Family Studies – *How does Personality Contribute to Retirement Savings*, Ph.D., 2014 (unpublished).
- Kwak, Yoon Young, Ph.D. / Human Development & Family Studies – *Bidirectional Relationships between Ongoing Abusive Parenting and Adolescent Behavioral Problems and the Role of Peer Friendships: A Cross-Cultural Study*, 2017 (unpublished)
- Mishra, Aura, Ph.D. / Human Development & Family Studies – *The role of substance use trajectory on the association between childhood maltreatment and intimate partner violence: a gene-environment study*, 2021

Current Dissertations Chaired:

- Coppola, Elizabeth, Ph.D. / Human Development & Family Studies – *Depression vulnerability and resilience among service members and veterans*, expected Summer 2021
- Mihalec-Adkins, Brittany, Ph.D. / Human Development & Family Studies – *Parental experiences, engagement, and outcomes in child protective interventions: A mixed-methods exploration*, expected Spring, 2021

Completed Theses Chaired:

Mishra, Aura, M.S. / Human Development & Family Studies – *Impact of Peer Relationship and Exposure to Violence on Post-Traumatic Stress for Children at Risk for Maltreatment*

Co-Sponsor for NIH Predoctoral Fellows (F30/F31):

Caban-Martinez, Alberto, PhD 2011, *Occupational Health Disparities*, Currently Assistant Professor, Department of Public Health Sciences, University of Miami

Clarke, Tainya, PhD 2012, *Cancer Health Disparities Associated with Occupation*, Currently a Associate Research Fellow at the CDC

Kachan, Diana, PhD 2014, *Employment, Health, and Quality of Life in Older Adults*, currently finishing MD training University of Miami

Zheng, Diane, PhD 2019, *Health Disparities in Visually Impaired Adults with Multimorbidity*

Co-Mentor for NIH Dissertation Award (R36):

Mishra, Aura, Ph.D. expected 2020, *The role of substance use trajectory on the association between childhood maltreatment and intimate partner violence: a gene-environment study.*

Mentor for NSF Graduate Research Fellowship (GRFP)

Mihalec-Adkins, Ph.D. expected 2020, *Mapping the Pathways Responsible for Poor Educational Trajectories in Foster Youth.*

Teaching:

HDFS 613, Quantitative Methods I: Inferential Statistics and ANOVA (formerly titled, Statistical Approaches for Developmental and Family Researchers), taught in years 2010, 2011, 2012, 2013, 2018, 2019, 2020, 2021

HDFS 627, Multilevel Modeling in Development and Family Studies, taught in years 2013, 2014, 2015, 2016, 2019

HDFS 628, Structural Equation Modeling, taught in years 2011, 2013, 2014, 2015, 2018, 2020, 2021

STAT 522, Sampling and Survey Techniques, taught in years 2012, 2014, 2015, 2016, 2017, 2019, 2020, 2021, 2022

Professional Affiliations:

Member	American Educational Research Association
Member	American Public Health Association - Maternal and Child Health
Member	American Sociological Association - Children and Youth Section - Methodology Section
Member	American Statistical Association - Survey Research Methods - Statistical Education - Social Statistics
Member	Caucus for Women in Statistics
Member	Society for Research on Adolescence
Member	Society for Research in Child Development
Member	Society for Longitudinal and Life Course Studies

Editorial Activities:

<u>Associate Editor:</u>	<i>Child Development: Statistical Consulting Editor (2021 – present)</i>
	<i>Longitudinal and Life Course Studies: Methodology and Statistics Section (2020 – present)</i>
<u>Ad-Hoc Reviewer:</u>	<i>American Journal of Epidemiology</i> <i>American Journal of Public Health</i> <i>American Journal of Sociology</i> <i>American Sociology Review</i> <i>BMC Public Health</i> <i>Child Development</i> <i>Child Development Perspectives</i> <i>Children and Youth Services Review</i> <i>Current Sociology</i> <i>Developmental Psychology</i> <i>European Journal of Public Health</i> <i>JAMA Ophthalmology</i> <i>Journal of Adolescent Health</i>

Journal of Aging and Health
Journal of Children and Poverty
Journal of Clinical Epidemiology
Journal of Comparative Family Studies
Journal of Family Issues
Journal of Gerontology: Medical Sciences
Journal of Research on Adolescence
Journal of Primary Prevention
Population Research and Policy Review
Practical Assessment, Research, and Evaluation
Psychological Methods
PLOS One
Social Science Research
Victims and Offenders
Victims and Victimization
Youth Services Review

Grant Review:

- 2022 CDC, National Center for Injury Prevention and Control, Research Grants for Preventing Violence and Violence Related Injury (R01)
- 2021 The Israel Science Foundation, Personal Research Grants
- 2018 Indiana Clinical and Translational Sciences Institute, Collaborations in Translational Research Pilot Grant Program