Eunhye Ahn, MSW, PhD

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EDUCATION

2022 PhD **University of Southern California**, Los Angeles, CA
Suzanne Dworak-Peck School of Social Work
• **Dissertation**: *Fairness in Machine Learning Applied to Child Welfare*
Committee: Jacquelyn McCroskey (Chair), Emily Putnam-Hornstein, Fred Morstatter, Jungeun Olivia Lee, Rebecca Rebbe

2017 MSW **Monash University**, Melbourne, Australia
Department of Social Work

2010 BBA **Yonsei University**, Seoul, South Korea
School of Business

2009 **École Supérieure de Commerce et Management (ESCEM)**, Poitiers, France
School of Business and Management, Student Exchange Program

AREAS OF RESEARCH

Child Maltreatment; Child Welfare; Child and Family Policy; Child Protection Systems; Data Science; AI for Social Work; AI Ethics & Fairness; AI Governance

PROFESSIONAL EXPERIENCE

2022 – present **Assistant Professor**
Brown School of Social Work
Washington University in St. Louis

2024 – present **Faculty Affiliate**
AI for Health, Washington University in St. Louis

2022 – present **Faculty Affiliate**
Center for Innovation in Child Maltreatment Policy, Research and Training, Washington University in St. Louis

2017 – present **Research Assistant / Research Affiliate**
Children's Data Network, School of Social Work, USC

2019 **Research Fellow**
Data Science for Social Good Fellowship, Imperial College, UK
Predictive modelling to identify frequent 911 callers to improve emergency medical services in Memphis Fire Department

2015 – 2016 **Graduate Student Researcher**
Department of Human-Centered Computing, Monash University, Australia
Participatory Research and Ownership with Technology Information Project

2015 **Social Work Intern**
Homelessness & Domestic Violence Support, WAYSS, Australia

2010-2012 **B2C Sales and Marketing Manager**
Samsung Electronics, South Korea

PEER-REVIEWED PUBLICATIONS (*Student Author)

Published / Forthcoming

1. **Ahn, E.**, Lee, J. Y., Palmer, L., Rebbe, R., Tejeda, Y.*, & Cha, H.* (*forthcoming*). Family context and caregiver characteristics in substantiated child maltreatment: A report-level analysis. *Child Abuse & Neglect.*

2. **Ahn, E.**, McNellan, C., Prindle, J., Sattler, K., Foust, R., & Putnam-Hornstein, E. (*forthcoming*) Educational disparities among children who experienced maltreatment: A brief report from California. *Journal of Family Violence.* https://doi.org/10.1007/s10896-025-00967-1

3. Baez, J., **Ahn, E.**, Tamietti, A.*, Victor, B., & Goldkind, L. (2025) Clinical Social Workers' Perceptions of Large Language Models in Practice: Resistance to Automation and Prospects for Integration. *Journal of Evidence-Based Social Work.* https://doi.org/10.1080/26408066.2025.2542450

4. Son, H.*, Kim, J., & **Ahn, E.** (*Forthcoming*). The Differential Impact of Increasing and Decreasing Maternal Work-Family Conflict on Children's Executive Function Difficulties in South Korea. *European Child & Adolescent Psychiatry.* https://doi.org/10.1007/s00787-025-02790-x

5. Jones, D.*, **Ahn, E.**, McCoy, H., Jonson-Reid, M., & Drake, B. (2025). From juvenile justice involvement to incarceration in young adulthood: Do independent living services matter? *Children and Youth Services Review.* https://doi.org/10.1016/j.childyouth.2025.108352

6. Jonson-Reid, M., Ballard, E., Wang, S., Zhang, L., Chen, J. H., **Ahn, E.**, Allen, K., Setili, A., Dvalishvilli, D. (2025). Creating a Public Facing Dynamic Literature Map to Advance the Science in Child Maltreatment. *Children and Youth Services Review*. https://doi.org/10.1016/j.childyouth.2025.108271

7. Park, S., **Ahn, E.**, Ahn, T., Ahn, S., Park, S.*, Kwon, E., Ahn, S., & Yang, Y.* (*2025*). Artificial Intelligence (AI) and Aging in Place: A Scoping Review of Current Applications and Future Directions. *The Gerontologist.* https://doi.org/10.1093/geront/gnaf130

8. Palmer, L., Font, S., Reddy, J., Rebbe, R., & **Ahn, E.** (*2025*). Infants in the child welfare system: Exposure and risks of parental alcohol and drug misuse. *Maternal and Child Health Journal.* https://doi.org/10.1007/s10995-025-04085-8

9. Palmer, L., King, B., Eastman, A. L., **Ahn, E.**, & Putnam-Hornstein, E. (*2025*). Single parent births in California: A population-based examination of the risk of child protective service involvement. *Maternal and Child Health Journal.* https://doi.org/10.1007/s10995-025-04080-z

10. Jones, D.*, **Ahn, E.**, McCoy, H., Jonson-Reid, M., & Drake, B. (*2025*). Trajectories of ILS receipt and subsequent dual-system involvement: Examining the role of out-of-home placement type. *Children and Youth Services Review.* https://doi.org/10.1016/j.childyouth.2025.108212

11. **Ahn, E.**, Choi, M., Fowler, P., & Song, I. (2025). Artificial Intelligence (AI) Literacy for Social Work: Implications for Core Competencies, *Journal of Society for Social Work Research.* https://doi.org/10.1086/735187

12. Kim, H., Orsi-Hunt, R., Drake, B., Hollinshead, D., Fluke, J., Jones, D.*, Wilson, R., Jonson-Reid, M., & **Ahn, E.** (2025). Benefits of Linked Longitudinal Data Combining National Child Maltreatment Report Records and National Foster Care Records. *Child Abuse & Neglect.* https://doi.org/10.1016/j.chiabu.2025.107262

13. **Ahn, E.**, Tejeda, Y.*, & Yang, Y.* (*2024*). Examining Fairness in Machine Learning Applied to Support Families: A Case Study of Preventative Services. *Family Relations.* http://doi.org/10.1111/fare.13114

14. Ammari, T., Lee, Y. J., Lakhankar, A.*, & **Ahn, E.** (2024). Finding understanding and support: Navigating online communities to share and connect at the intersection of abuse and foster care experiences. In Proceedings of the 27th ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing (CSCW). San José, Costa Rica. https://doi.org/10.1145/3710985

15. Palmer, L., Littleton, T., Font, S. & **Ahn, E.** (*2024*). Beyond Child Abuse: The Array of Family Problems brought to the Child Welfare System. *Journal of Public Child Welfare.* https://doi.org/10.1080/15548732.2024.2421272

16. Lee, J. Y., **Ahn, E.**, Xu, A.*, Yang, Y.*, Chang, Y.*, Cha, H.*, & Ammari, T. (*2024*). Artificial Intelligence (AI) in Applied Family Research Involving Families with Young Children: A Scoping Review. *Family Relations.* https://doi.org/10.1111/fare.13090

17. **Ahn, E.**, Reddy, J., Rebbe, R., Palmer, L., & Putnam-Hornstein, E. (*2024*). Maternal Reports to the Child Protection System: A Longitudinal Analysis of Multiple Children. *Child Maltreatment.* https://doi.org/10.1177/10775595241281267

18. Naseh, M., Zeng, Y., **Ahn, E.**, Cohen, F. & Rfat, M. (*2024*). Mental health implications of forced family separation as the result of migration policies in the United States: A systematic review. *Social Science & Medicine.* https://doi.org/10.1016/j.socscimed.2024.116995

19. **Ahn, E.,** An, R., Jonson-Reid, M., & Palmer, L. (*2024*). Leveraging Machine Learning for Effective Child Maltreatment Prevention: A Case Study of Home Visiting Service Assessments. *Child Abuse & Neglect.* https://doi.org/10.1016/j.chiabu.2024.106706

20. **Ahn, E**., Morstatter, F., Waters-Roman, D., Palmer, L., & McCroskey, J. (*2024*). Qualitative Exploration of Children's Social Workers' Decision-Making Experiences and Perspectives on Fairness. *Journal of Public Child Welfare.* https://doi.org/10.1080/15548732.2024.2312846

21. Son, H.*, **Ahn, E.**, & Kim, J. (*2024*). Children's bullying victimization and maternal suicidal ideation among multicultural families in South Korea: Heterogeneity by Family Socioeconomic Status. *Social Science & Medicine.* https://doi.org/10.1016/j.socscimed.2023.116545

22. Prindle, J., **Ahn, E.,** Foust, R., & Putnam-Hornstein, E. (*2024*). Identifying risk of child welfare involvement in Orange County births with the Bridges Program. *Children and Youth Services Review.* https://doi.org/10.1016/j.childyouth.2023.107383

23. Putnam-Hornstein, E., Foust, R., Cuccaro-Alamin, S., Prindle, J., Nghiem, H., **Ahn, E.**, & Palmer, L. (*2023*). A Population-Based Study of Mental Health Diagnoses and Child Protection System Involvement among Medicaid-Insured Children. *The Journal of Pediatrics.* https://doi.org/10.1016/j.jpeds.2022.08.029

24. **Ahn, E.**, Prindle, J., Reddy, J., & Putnam-Hornstein, E. (*2023*). Predictors of Maternal recidivism in the child protection system. *Child Maltreatment.* https://doi.org/10.1177/10775595221100715

25. Foust, R., Hoonhout, J., Eastman, A.L., Prindle, J., Rebbe, R., Nghiem, H., Suthar, H., Cuccaro-Alamin, S., Palmer, L., Raj, S., **Ahn, E**., Hammond, I., McNellan, C., Reddy, J., Mayfield, K., Putnam-Hornstein, E., & McCorskey, J. (*2022*). The Children's Data Network: Harnessing the Scientific Potential of Linked, Administrative Data to Inform Children's Programs and Policies. *International Journal of Population Data Science.* https://doi.org/10.23889/ijpds.v6i3.1702

26. Putnam-Hornstein, E., **Ahn, E.**, & Prindle, J. (2021). Contact with the child protection system is pervasive, but are recent estimates correct? *Proceedings of the National Academy of Science.* https://doi.org/10.1073/pnas.2114676118

27. Putnam-Hornstein, E., **Ahn, E.**, Prindle, J., Magruder, J., Webster, D., & Wildeman, C. (2021). Response to letter to the editor submitted by Schmidt et al. *American Journal of Public Health.* https://doi.org/10.2105/AJPH.2021.306532

28. **Ahn, E.**, Gil, Y., & Putnam-Hornstein, E. (2021). Predicting youth at high risk of aging out of foster care using machine learning methods. *Child Abuse & Neglect*, *117*, 105059. https://doi.org/10.1016/j.chiabu.2021.105059

29. Putnam-Hornstein, E., **Ahn, E.**, Prindle, J., Magruder, J., Webster, D., & Wildeman, C. (2021). Cumulative rates of child protection involvement and terminations of parental rights in a California birth cohort, 1999-2017. *American Journal of Public Health, 111*(6), 1157-1163. https://doi.org/10.2105/AJPH.2021.306214

30. Palmer, L., **Ahn, E.**, Traube, D., Prindle, J., & Putnam-Hornstein, E. (2020). Correlates of entry into congregate care among a cohort of California foster youth. *Child and Youth Services Review*, *110*, 104772. https://doi.org/10.1016/j.childyouth.2020.104772

31. Eastman, A.L., Palmer, L., & **Ahn, E.** (2019). Pregnant and parenting youth in care and their children: A literature review. *Child and Adolescent Social Work Journal*, *36*, 571-581. https://doi.org/10.1007/s10560-019-00598-8

32. **Ahn, E.** (2017). Relational barriers and benefits of peer mentoring programs: Focusing on international students in Australia. *Advances in Social Work and Welfare Education*, *19*(2), 61-75.

Under Review/Revise and Resubmit

1. Palmer, L., **Ahn, E.**, Font, S., Lau, C., Zucaya, I., & Eastman, E. (*Revise & Resubmit*). A Call for Help? Are Adolescent Neglect Reports Indicators of Mental and Behavioral Health Struggles

2. Prindle, J., **Ahn, E**., Palmer, L., Eastman, A., & Putnam-Hornstein, E. (*Under review*) Validating a Predictive Risk Model for Child Abuse and Neglect With Adolescent Outcomes.

3. **Ahn, E.**, Park, K., Eastman, A., Palmer, L., & Tolchinsky, J. (*Under review*) Children Who Harmed Another Child: A Descriptive Analysis of Cases Identified Through the Child Protection System.

In Preparation

1. **Ahn, E.**, Vorobeychik, Y., & Yazdi, A. Simulation of CPS Using Machine Learning.

2. **Ahn, E.,** Goldkind, L., & Choi, M. A Comparative Analysis of Governance Structures for AI Development and Deployment in the Public Sector versus the Private Sector.

3. Choi, M., Goldkind, L., & **Ahn, E.** Social Workers' Experiences Toward AI

4. Goldkind, L., Choi, M. & **Ahn, E.** AI in the Non-Profit Sector

5. Palmer, L., Prindle, J., Eastman, A., **Ahn, E.,** & Putnam-Hornstein, E. From Risk to Response: The Impact of Child Protective Service Responses on Probation Entry Among Adolescents Classified as High Risk

BOOK CAHPTERS

1. **Ahn, E.,** & Angell, B. (*forthcoming*). AI in Criminal Justice and Rehabilitation: Addressing Algorithmic Bias and Promoting Fairness from a Social Work Perspective. In R. Ruopeng & M. Lindsey (Eds.), *Artificial Intelligence in Social Work: Bridging Technology and Humanity*

OTHER PUBLICATIONS

1. **Ahn, E.** (2025, September). Artificial Intelligence (AI) Governance Considering the Unique Characteristics of Public Service. *Welfare Trends.* People's Solidarity for Participatory Democracy. [in Korean]. 공공서비스의 특수성을 고려한 AI 거버넌스. 복지동향, 참여연대. https://www.peoplepower21.org/welfarenow/1999327

2. Orsi-Hunt, R., Kim, H., Drake, B., Wilson, R. A., Hollinshead, D. M., Jones, D., Ronson-Reid, M., Fluke, J., & **Ahn, E.** (2024, May 31). RAPIDS User Guide: Instruction for Working with the "Report And Placement Integrated Data System" http://ldbase.org/documents/5523ff46-15ea-4822-8db1-cd55a1feaf16

3. Kim, S., Han, E., Lee, W., Kim, S., Suh, J., Nah, H., Mah, H., Mah, M., Hyun, S., Yu, S., Cho, S., **Ahn, E.** & Han, H. (2024, January). Development of a Model for Discovering Children in Crisis Reflecting the Time Series of Information. Korea Social Security Information Service [In Korean]

4. Putnam-Hornstein, E., **Ahn, E.,** Vaithianathan, R., Parrish, J., Husa, R., Walton, M., Perry, J. P., Wulsin, C. S., Bradley, M. C., & Varley, B. (2022, October 25). What can we learn about the incidence of foster care placement from birth records?: Findings from the Cross Jurisdiction Model Replication Project. https://www.acf.hhs.gov/sites/default/files/documents/opre/replication_brief_cjmr_project_oct2022.pdf

5. **Ahn, E.** (2021). Machine Learning in Child Welfare: Application and Algorithmic Fairness. *Korea Institute for Health and Social Affairs (KIHASA) Global Social Security Review*. [in Korean]. 미국 아동복지 분야에서의 기계학습 활용과 공정성 이슈. 국제사회보장리뷰. http://dx.doi.org/10.23063/2021.09.12

6. Putnam-Hornstein, E., Prindle, J., Cuccaro-Alamin, S., Wiegmann, W., Magruder, J., Webster, D., **Ahn, E.,** & Foust, R. (2021). Methods to Estimate the Community Incidence of Child Maltreatment. https://www.acf.hhs.gov/sites/default/files/documents/opre/OPRE-Methods-to-Estimate-Community-Incidence-Child-Maltreatment-Dec2021.pdf

7. **Ahn, E.**, Foust, R., & Putnam-Hornstein, E. (2020). Charting the Path for Babies in the City and County of San Francisco

8. **Ahn, E.**, Foust, R., Putnam-Hornstein, E., & McCroskey, J. (2020). Charting the Path for Babies in Los Angeles County

9. **Ahn, E.**, Foust, R., & Putnam-Hornstein, E. (2020). Charting the Path for Babies in Orange County

EXTRAMURAL FUNDING

4/2023 – 6/2024	**Co-Principal Investigator** Understanding the nature of adolescent neglect and the role of the child protection system Transition-Age Youth Research and Evaluation Hub (Total: $20,000)
9/2022 – 8/2024	**Investigator** Center for Innovation in Child Maltreatment Policy, Research, and Training (CICM). NICHD (1P50HD096719)
1/2023 – 6/2023	**Principal Investigator** Children's Data Trust: Modelling Kindergarten Matriculation and Student Resilience Tides Center (The Bill and Melinda Gates Foundation & Heising-Simons Foundation) (Subcontract Total: $27,000)
6/2020 – 5/2021	**Principal Investigator** (Dissertation Funding) Fairness in Machine Learning Applied to Child Welfare First 5 Orange County Children and Families Commission (Total: $10,000)

INTRAMURAL FUNDING

11/2024- 8/2025	**Co-Principal Investigator** Institute for Strong Foundations of Policy Analysis Here and Next Spark Funding: Proposal Development Grant, WashU (Total: $16,000)
1/2024 – 12/2024	**Co-Principal Investigator** AI for Examining and Predicting Family Involvement with Child Protection System Here and Next Seed Grant Tier 2 Interdisciplinary Project Funding, WashU (Total: $50,000)
10/2023 – 9/2024	**Principal Investigator** Analyzing Child Maltreatment Risk in Relation to Paternity Establishment Changes at Birth Arlene Rubin Stiffman Junior Faculty Research Award (Total: $2,500), Brown School, WashU
6/2021 – 5/2022	**Principal Investigator** Fairness in Machine Learning Applied to Child Welfare University of Southern California Graduate School

(Total: $32,000)

FUNDING APPLICATION SUBMITTED

2025 **Co-Principal Investigator** (Under review)
<u>Equitable AI Integration in Higher Education: Supporting Instructors Through Evidence-Based Frameworks</u>
Vision Grant, Spencer Foundation

2025 **Co-Principal Investigator** (Rejected)
<u>Social Recovery through AI Governance for the Public Sector</u>
Social Science Korea Grant, National Research Foundation of Korea

2024 **Co-Principal Investigator** (Rejected)
<u>Empowering Social Workers in the Age of AI: Context-Sensitive Integration and Ethical Implementation in Korean Social Services</u>
Global Incubator Seed Grants, Washington University in St. Louis

2024 **Principal Investigator** (Rejected)
<u>Personalized Support for Families with Young Children Leveraging AI-Informed Recommender System</u>
Robert Wood Johnson Foundation

2024 **Principal Investigator** (LOI submitted and rejected)
<u>Tailoring Curriculum for Families with Young Children Leveraging AI-Informed Recommender System</u>
Caplan Foundation for Early Childhood

2024 **Co-Principal Investigator** (Rejected)
<u>Work-Family Life Course Patterns and Health in Late Middle Adulthood (PI: E. Kwon)</u>
National Institutes of Health

2024 **Investigator** (Rejected)
<u>Institute for Strong Foundations of Policy Analysis</u>
National Science Foundation, National Artificial Intelligence Research Institutes

2023 **Fellow** (Rejected)
<u>Developing sociotechnical frameworks for measuring and mitigating AI-induced harms in child welfare systems</u>
Microsoft Research AI & Society Fellows Program

2023 **Principal Investigator** (LOI submitted and rejected)
<u>Understanding the child protection system (CPS) involvement of transition-age youth who were reported for perpetrating child abuse and neglect</u>
Transition-Age Youth Research and Evaluation Hub

2022 **Collaborator** (Application submitted)
<u>Confronting Disinvestment in Metro St. Louis</u>
The William H. Danforth St. Louis Confluence Award

AWARDS AND SCHOLARSHIPS

2025 **Travel Award,** Institute for Social Research, University of Michigan

2021-2022   **Travel/Research Award,** USC Graduate School ($1,500)

2017-2021   **Hamovitch Summer Research Fellowship**, USC Suzanne Dworak-Peck School of Social Work

2019   **Research Fellowship**, Data Science for Social Good, Imperial College, London (£10,000)

2016   **Better Teaching, Better Learning Grant,** Monash University ($2,000)

2015-2016   **International Leadership Scholarship**, Monash University (merit-based full tuition for 2 years, AU$50,000)

2010   **New Practice Award**, Samsung Electronics Co., Ltd

2009   **Exchange Student Scholarship,** Mirae Foundation (tuition and stipend, KRW6,000,000)

2007   **Class MVP,** Yonsei University

PEER-REVIEWED PRESENTATIONS (*Presenting author)

1. Goldkind, L., Victor, B., Matthews, E., Baez, J., & **Ahn, E.** (January 2026). Roundtable: Flourish or Perish? Clinical Social Work and the Rise of AI Therapy. Accepted at the 30th Annual Conference of the Society for Social Work and Research (SSWR): Washington, DC.

2. **Ahn, E.,** Park, K., Eastman, A. L., Palmer, L., & Tolchinsky, J.* (January 2026). Children Who Harmed Other Children (CHOC): A Descriptive Analysis of Cases Identified Through the Child Protection System. Accepted at the 30th Annual Conference of the Society for Social Work and Research (SSWR): Washington, DC.

3. **Ahn, E.*,** Lee, Y. J., Tejeda, Y., Cha, H., Palmer, L., & Rebbe, R. (January 2026). Family Context and Caregiver Characteristics in Substantiated Child Maltreatment: A Report-Level Analysis. Accepted at the 30th Annual Conference of the Society for Social Work and Research (SSWR): Washington, DC.

4. **Ahn, E.*** (May 2025). A comparative analysis of governance structures for AI deployment in the public sector versus private sector. Accepted at the Atlanta Conference on Science and Innovation Policy: Atlanta, GA.

5. **Ahn, E.*,** Lee, J., Cha, H. & Tejeda, Y. (April 2025, withdrawn). The relationships of household composition, perpetrator characteristics, and child maltreatment patterns: A national analysis. Accepted at the Population Association of America (PAA): Washington, D.C.

6. Lee, J.*, **Ahn, E.,** Ammari, T., Xu, A., Chang, Y., & Cha, H. (January 2025). Leveraging artificial intelligence as a tool for rendering family-centered services: A scoping review. Accepted at the 29th Annual Conference of the Society for Social Work and Research (SSWR): Seattle, WA.

7. Jonson-Reid, M.*, Ballard, E., Pecora, P., Wang, S., Zhang, L., & **Ahn, E.** (January 2025). Navigating the Scientific Learning Collaborative (SLC) Evidence Map: Enhancing Research and Practice in Child Maltreatment through Transdisciplinary Collaboration. Accepted at the 29th Annual Conference of the Society for Social Work and Research (SSWR): Seattle, WA.

8. Kim, H.*, Jones, D., Jonson-Reid, M., Orsi-Hunt, R., Hollinshead, D., Fluke, J., Wilson, R., **Ahn, E.,** & Drake, B. (January 2025). Risk and protective factors for adverse

outcomes of child maltreatment reports, United States, 2006-2021. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

9. **Ahn, E.*,** Reddy, J., Rebbe, R., Palmer, L., & Putnam-Hornstein, E. (January 2025). Maternal involvement in child protection systems: A longitudinal analysis across multiple children. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

10. Kim, H.*, Orsi-Hunt, R., Drake, B., Hollinshead, D., Fluke, J., Jones, D., Wilson, R., Jonson-Reid, M., & **Ahn, E.** (January 2025). Report and placement integrated data system (RAPIDS): Benefits of linked longitudinal data combining national child maltreatment report records and national foster care records. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

11. Palmer, L.*, **Ahn, E.**, Eastman, A., Hammond, I., & Font, S. (January 2025). Adolescent neglect: What drives Child Protective Services involvement among older adolescents? Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

12. Jones, D.*, Tejeda, Y., Chen, J.-H., **Ahn, E.**, Kim, H., Jonson-Reid, M., & Drake, B. (January 2025). Different slopes for different folks? Diminishing minority returns in child maltreatment reporting and placement. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

13. Kim, H., Hollinshead, D.*, Drake, B., Orsi-Hunt, R., Fluke, J., Wilson, R., Jonson-Reid, M., Jones, D., & **Ahn, E.** (January 2025). Examining the relationships between state poverty-related and child welfare policies and child maltreatment report rates: A longitudinal analysis across US counties, 2007-2019. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

14. Ammari, T., Lee, J., Lakhankar, A., & **Ahn, E.*** (January 2025). Finding understanding and support: navigating online communities to share and connect at the intersection of abuse and foster care experiences. Accepted at the <u>29th Annual Conference of the Society for Social Work and Research (SSWR):</u> Seattle, WA.

15. **Ahn, E.*** (January 2024). Examination of fairness in machine learning applied to child welfare considering intersectionality. Presented at the <u>28th Annual Conference of the Society for Social Work and Research (SSWR):</u> Washington, DC.

16. Ahn, S., Xian, H., Scherrer, J., Mahmood, A., Kim, S., **Ahn, E.**, Beck, M., & Slavich, G. (2023). Sleep problems mediate the association between childhood adversity and late-life cognitive functioning. Presented at <u>the Gerontological Society of America (GSA)'s Annual Scientific Meeting, November 8 - 12, 2023:</u> Tampa, FL.

17. **Ahn, E.*** (September 2023). Informing decision-making for home visiting services with a machine learning approach. Paper presented at <u>the International Society for the Prevention of Child Abuse & Neglect (ISPCAN):</u> Edinburgh, Scotland.

18. Putnam-Hornstein, E.*, Vaithianathan, R., Cuccaro-Alamin, S., McCroskey, J., **Ahn, E.**, & McNellan, C. (January 2023). Developing and implementing a predictive risk model to support child protection supervisors: Results from Los Angeles County risk stratification pilot. Paper presented at the <u>27th Annual Conference of the Society for Social Work and Research (SSWR):</u> Phoenix, AZ.

19. **Ahn, E.** (January 2023). Evidence for and applications of risk assessment tools used by child protection agencies. Symposium organizer at the <u>27th Annual Conference of the Society for Social Work and Research (SSWR):</u> Phoenix, AZ.

20. **Ahn, E.***, Morstatter, F., Waters-Roman, D., & McCroskey, J. (January 2023). Qualitative exploration of the decision-making experiences and perspectives on fairness among child welfare workers. Paper presented at the 27th Annual Conference of the Society for Social Work and Research (SSWR): Phoenix, AZ.

21. **Ahn, E.***, Gil, Y., & Putnam-Hornstein, E. (Accepted: January 2022, withdrawn due to COVID). Predicting youth at high risk of aging out of foster care using machine learning methods. Paper presented at the 26th Annual Conference of the Society for Social Work and Research (SSWR): San Francisco, CA.

22. **Ahn, E.*** & Putnam-Hornstein, E. (Accepted: January 2022, withdrawn due to COVID). Fairness analysis of a risk stratification model developed to support child welfare supervisors. Presented at the 26th Annual Conference of the Society for Social Work and Research (SSWR): San Francisco, CA.

23. **Ahn, E.***, Prindle, J., & Putnam-Hornstein, E. (August 2020). A family-level analysis on dynamics of risk factors and child protective service re-referrals. Presented at the Data Days: Online

24. Putnam-Hornstein, E., **Ahn, E.***, & Prindle, J. (January 2020). A birth cohort study of termination of parental rights due to child abuse and neglect. Paper presented at the 24th Annual Conference of the Society for Social Work and Research (SSWR): Washington, DC.

25. Palmer L.* & **Ahn, E.** (November 2019). An examination of mental health correlates of entry into congregate care among a cohort of California foster youth. Paper presented at the American Public Health Association: Philadelphia, PA

26. **Ahn, E.***, Prindle, J., & Putnam-Hornstein, E. (January 2019). A family-level analysis on dynamics of risk factors and child protective service re-referrals. Paper presented at the 23rd Annual Conference of the Society for Social Work and Research (SSWR): San Francisco, CA.

INVITED PRESENTATIONS

1. **Ahn, E.** (Oct 2025). Algorithm to Impacts Harnessing AI to Promote Healthier Lives. Washington University in St. Louis: St. Louis, MO. (Panel Discussion with Aaron Bobick).

2. Fitzgerald, J., **Ahn, E.,** & Chun, Y. (Sept 2025). *Don't Just Send the "Data Person"! How to Cultivate Collaborative and Equitable Data Practices Across Roles*. Invited workshop presented at the Hyatt Regency St. Louis at The Arch, St. Louis, MO.

3. **Ahn, E.** (June 2025). AI for Social Work: Understanding Societal Impact, Governance Challenges, and Promoting Literacy. School of Social Work, Yonsei University: Seoul, South Korea.

4. **Ahn, E.** (May 2025). Context, Ethics, and Governance: Rethinking Data Science in the Public Sector. Seoul National University of Science and Technology: Online.

5. **Ahn, E.** (May 2025). AI Literacy for Social Work: Understanding Societal Impacts, Governance Needs, and Ethical Engagement. International Conference of the Korean Social Science Research Council: Seoul, South Korea.

6. **Ahn, E.** (April 2025). Data and Systems Science in Child Maltreatment Prevention and Intervention—Looking to the Future. Centennial Faculty Symposium, "A Century of

Progress, A Future of Possibilities", Brown School, Washington University in St. Louis: St. Louis, MO. (Panel Discussion with Melissa Jonson-Reid, Brett Drake, Patrick Fowler, Ellis Ballard).

7. **Ahn, E.** (Apr 2025). AI Literacy for Social Work: A Critical Approach to Understanding and Responding to Technological Change. Institute of Convergence Science Forum, Yonsei University: Seoul, South Korea.

8. **Ahn, E.** (Feb 2025). AI Literacy for Social Work: Implications for Core Competencies. Graduate School of Science and Technology Policy, Korea Advanced Institute of Science & Technology (KAIST): Daejeon, South Korea

9. **Ahn, E.** (Dec 2024). AI for Teaching. Brown School Faculty Meeting: St. Louis, MO. (Panel Discussion with Heather Cameron, Eric Fournier, Joshua Rusow).

10. **Ahn, E.** & Fowler, P. (Oct 2024). AI for Public Health: Developing an Ethical and Equitable Framework. AI for Health Symposium: St. Louis, MO. (Hosting a Panel Discussion with Hannah Kinzer, Alex DiChristofano, Yuanyuan Yang).

11. **Ahn, E.** (July 2024). Applying Machine Learning to Children and Family Services Considering Fairness. Graduate School of Science and Technology Policy, Korea Advanced Institute of Science & Technology (KAIST): Daejeon, South Korea

12. **Ahn, E.** (June 2024). AI Integration in Public Services: Focus on Child Welfare Systems. Institute of Convergence Science Forum, Yonsei University: Seoul, South Korea.

13. **Ahn, E.** (April 2024). Data Science in Child Welfare. Innovation-Technology-Inclusion Social Impact Forum, Ewha Women's University: Seoul, South Korea.

14. **Ahn, E.** (April 2024). Leveraging Data to Inform Policy and Practice. Child Abuse Prevention Month Virtual Webinar, Center for Innovation in Child Maltreatment Policy, Research and Training, Brown School, Washington University in St. Louis: Virtual. (Panel Discussion with Brett Drake, Derek Brown).

15. **Ahn, E.** (Oct 2023). AI and the Law. AI & Digital Health Summit: St. Louis, MO. (Panel Discussion with Michal Grinstein-Weiss, Patrick Fowler, Tyler Haupert).

16. **Ahn, E.** (Oct 2023). Intersection of AI & Human/Computer Interaction. AI & Digital Health Summit: St. Louis, MO. (Panel Presentation/Discussion with Ruopeng An, Chien-Ju Ho, Caitlin Kelleher, Wouter Kool).

17. **Ahn, E.** (July 2023). Applying Machine Learning to Children and Family Services Considering Fairness. Summer Institute in Computational Social Science, Korea Advanced Institue of Science & Technology (KAIST): Daejeon, South Korea

18. **Ahn, E.** (May 2023). The Child maltreatment emerging scholar. Leadership, Equity, and Diversity for Higher Education (LEAD) Annual Predoctoral Institute at the Center for Innovation in Child Maltreatment Research, Policy, and Training (CICM): Online.

19. **Ahn, E.** (May 2023). Applying Machine Learning to Children and Family Services Considering Fairness. Institute of Convergence Science Forum, Yonsei University: Online.

20. **Ahn, E.** (January 2023). Fairness in Machine Learning Applied to Child Welfare. Center for Precision Public Health, Korea University: Virtual

21. Putnam-Hornstein, E., **Ahn, E.**, Vaithianathan, R., Parrish, J., Husa, R., Walton, M., Perry, J. P., Wulsin, C. S., Bradley, M. C., & Varley, B. (October 2022). What can we learn about the incidence of foster care placement from birth records?: Findings from the Cross Jurisdiction Model Replication Project. Panel presentation at Mathematica: Online

22. **Ahn, E.** (March 2022). Fairness in Machine Learning Applied to Child Welfare. <u>First 5 Los Angeles</u>: Online

23. **Ahn, E.** (August 2021). Fairness in Machine Learning Applied to Child Welfare. Presented at the <u>PhD Student Research Symposium</u>: Online

24. **Ahn, E.**, Gil, Y., & Putnam-Hornstein, E. (April 2021). Modeling the Risk of Aging Out Among Youth in Foster Care using Machine Learning. Poster Presented at the <u>USC Center for Artificial Intelligence for Society Equity & AI Symposium</u>: Online.

25. **Ahn, E.**, Gil, Y., & Putnam-Hornstein, E. (June 2020). Modeling the Risk of Aging Out Among Youth in Foster Care using Machine Learning. Presented at the <u>CDN Brown Bag</u>: Online.

26. **Ahn, E.** & Putnam-Hornstein, E. (November 2019). Modeling the Risk of Aging Out Among Youth in Foster Care using Machine Learning. Presented at the <u>USC Center for knowledge-Powered Interdisciplinary Data Science</u>: Los Angeles, CA

27. **Ahn, E.***, Sands, H.*, Shewmake, C.*, Sotoodeh, M.*, Eckhoff, M.*, Short, S.*, Spratlin, K.*, & Shah, V.* (August 2019). Helping Emergency Medical Services to identify High Utilizers for Proactive Care Services. Presented at the <u>Data Science for Social Good</u>: London, UK. (*Equally contributed)

28. **Ahn, E.**, Prindle, J., & Putnam-Hornstein, E. (February 2020). A family-level analysis on dynamics of risk factors and child protective service re-referrals. Paper presented at the <u>CDN Brown Bag</u>: Los Angeles, CA

29. **Ahn, E.**, Prerna, G., Liliana, V. H., & Obana, M. (September 2016). Evaluation Research on the Peer Mentoring Program. <u>Department of social work, Monash University</u>: Melbourne, VIC.

30. **Ahn, E.** (April 2016). Presentation on Student Bursaries: The Peer Mentoring Program. <u>Office of the Vice-Provost Learning and Teaching</u>: Melbourne, VIC.

31. **Ahn, E.** (February 2016). Introduction of the Peer Mentoring Program to the Commencing Students. <u>MSW Orientation Day</u>: Melbourne, VIC.

TEACHING

Washington University in St. Louis
- **Foundations of Data Analysis (S90-5001), PhD Course**
  Instructor: Fall 2025, Fall 2024
- **Evaluation of Programs and Services (S50-5050), MSW Course**
  Instructor: Summer 2025, Fall 2024, Summer 2024, Spring 2023
  Co-Instructor: Spring 2023
- **Policy and Services for Children and Youth (S40-5771), MSW Course**
  Instructor: Spring 2024, Spring 2023

University of Southern California
- **Data-Driven Decision Making in Social Services (SOWK 721), DSW Course**

Instructor: Summer 2021
- o **Science of Social Work (SOWK 546), MSW Course**
  Co-Instructor: Fall 2020
- o **Research and Critical Analysis for Social Work with Children and Families (SOWK 608), MSW Course**
  Teaching Assistant & Guest Lecturer: Fall 2019
- o **Controversial Issues in Public Child Welfare (SOWK 619), MSW Course**
  Teaching Assistant: Fall 2018

Guest Lectures
- o Professional Development Seminar (BSDC 8800), WashU, Fall 2022, Fall 2024, Fall 2025
- o Evaluation of Programs and Services (S50-5050), WashU, Fall 2025
- o Introduction to Graduate Research in Computational and Data Sciences (DCDS 499), WashU, Fall 2024, Fall 2025
- o Introduction to AI for Health (CSE 4109), WashU, Fall 2025
- o International Child Welfare (S30-7821), WashU, Spring 2023, Spring 2025
- o Doctoral Professional Seminar (SOWO 919), UNC Chapel Hill, Spring 2024
- o Sociology of Health and Illness (SOC 4246), University of Minnesota, Spring 2024
- o Social Justice and Human Diversity (S15-5015), WashU, Fall 2023
- o TPS: Child Maltreatment Prevention (S55 MPH5325), WashU, Fall 2023
- o Institutional Inequality in American Political and Social Policy (SOWK 200), USC, Fall 2021

DISSERTATION AND QUALIFYING EXAME COMMITTEES

2025   Yadira Tejeda, MSW
Dissertation Committee Member, Brown School, WashU

2024   Hyewon Son
Master's Degree External Dissertation Committee Member, Korea University

2023   Dylan Jones, MSW
Qualifying Exam & Dissertation Committee Member, Brown School, WashU

SCHOOL, COMMUNITY, & PROFESSIONAL SERVICE

2025-present   **Course Lead,** Evaluation of Programs and Services, Brown School, WashU

2025   **Mentor,** Meet the Scientist Luncheon, SSWR 2025

2022-present   **Member,** Brown School Data Science Strategic Planning team, WashU

2020-2021   **Student Representative**, Social Justice Oriented Integrative Lens

2015-2016   **Organizer**, Peer Mentoring Program in the MSW Program, Australia

2013-2014   **Volunteer**, College Montrose Children's Place, Canada

2013   **Volunteer,** Inner City Health Associates, St. Michael's Hospital, Canada

2006-2009   **Volunteer,** Eden I Ville Children's Center, Korea

2008   **Policy Intern**, The National Assembly of the Republic of Korea, Korea

2008   **Intern**, The Beautiful Foundation, Korea

AD HOC REVIEWER

Child Abuse & Neglect
The Lancet Regional Health – Americas
Social Science Computer Review
Journal of Public Child Welfare
Global Social Welfare
Child Maltreatment
American Journal of Preventive Medicine
Child Abuse Review
Health Affairs Scholar
Journal of Evidence-Based Social Work
Social Sciences & Humanities Open

PROFESSIONAL AFFILIATIONS

Society for Social Work Research (SSWR)
Korean American Social Work Educators Association (KASWEA)
Data Science for Social Good Alumni

OTHER

"Bringing humanity to data science" (USC Suzanne Dworak-Peck Newsletter, March 2021)