

Curriculum Vitae

Wesley Furlong

Diana G. Garland School of Social Work Baylor University
811 Washington Ave., Waco, TX. 76701
(239) 233-7907
Wesley_Furlong1@baylor.edu

EDUCATION

DOCTOR OF PHILOSOPHY, School of Social Work, Baylor University (05/2022, anticipated).
Research areas: Causal inference methods (methodological) and Child Welfare and Non-Profit sector (empirical). Dissertation Chair: Dr. Gaynor Yancey.
MASTER OF SOCIAL WORK, Specialization: Biostatistics, Temple University (2018). With Distinction.
MASTER OF ARTS, Theology, Nazarene Theological Seminary (2004). With Distinction.
BACHELOR OF ARTS, Religious Studies, Trevecca Nazarene University (2000).

OTHER TRAINING

2020	Causal Inference in the Social Sciences, ICPSR, University of Michigan.
2020	Longitudinal Structural Equation Modelling, Curran-Bauer Analytics.
2020	Mixture Modeling and Latent Class Analysis, Curran-Bauer Analytics.
2018-2019	MicroMasters in Data, Economics, and Development Policy, Massachusetts Institute of Technology.
2018	Evaluating Social Programs, J-PAL, Massachusetts Institute of Technology. Applied
2018	Logistic Regression, Mailman School of Public Health, Columbia University.
	Grant Writing, Temple University.
2018	Assessing Neighborhoods with Spatial Epidemiology, Mailman School of Public
2017	Health, Columbia University.
	Statistics in R: Introduction to Probability and Data, Inferential Statistics, Linear
2017	Regression and Modeling.
	Geographic Information Systems, University of California Davis. Certified StratOP
2016	Facilitator.
2015	Family Court Mediation, Fl. State Supreme Court, University of South Florida.

FUNDED RESEARCH

2021	Program Evaluator: Crossnore School and Children's Home .
2020	Flourishing Cities Study with GoodCities, Mason, OH . (City of Mason, OH.).
2020	Census Bureau restricted use files, Family System protective factors for adolescent depression (Baylor University: Co-Principal Investigator: \$5,000).
2018-2019	Research Assistant, Temple University: Dr. Bernie Newman.

2018-2019	Program evaluator: Community Capacity Building to Prevent Human Trafficking, Berks County, PA. Rapid Cycle Continuous Quality Improvement evaluation model (Federal Department of Justice: Co-Principal Investigator: \$1,700,000).
2018-2019	Program evaluator: Philadelphia Public School System, After-school programs, Philadelphia, PA.
2017-2019	Program evaluator: Integrative Education and Training for TANF Participants, Lancaster, PA.
2017-2019	Program evaluator: WorkReady, TANF, Lancaster, PA.

Research Focus

Child Welfare Using administrative and survey data to build and apply predictive models for evidence-based policy and program decision-making; Assessing FFPSA policy implications.

Dissertation: *Estimating Predictive Factors for Therapeutic Foster Care Placement Disruptions*

1. Qualitative Study: Identifying Protective Factors in Therapeutic Foster Care Placement Disruptions through Triangulation (interviews with foster parents on both sides of a placement disruption and case worker)
2. Quantitative Study: The Foster Care Readiness Scale. A Self-report measure to assess therapeutic foster care readiness during licensing process: FACES IV (family system), Emotional Social Support (modified MSPSS), Time Margin, Parental Flexibility, and Trauma Behavioral Perspective.
3. Quantitative Study: Predicting Placement Stability in Therapeutic Foster Care through administrative and survey data. (A machine learning model to estimate the probability of a positive transition in therapeutic foster care).

Post-Dissertation:

1. Placement Stability Questionnaire: An early-detection model that automates a weekly text to current foster parents with 5 brief questions to assess placement stability and ELT data pipeline to analyze data and trigger responses.
2. Foster Attachment Quality Scale: A repeated measures approach to assessing attachment quality between foster parent and child. Designed for children with non-secure attachment styles. Administered by case workers.

Additional Research

Flourishing Communities

1. Harvard Institute of Human Flourishing 'Community of Practice' research group member.
2. Flourishing Measures subgroup member (Harvard Institute of Human Flourishing).

Homelessness Assisting Dr. Danielle Parrish and [Search Homeless](#) (Houston, TX). on applying predictive analytic methods (machine learning with H2O, latent class analysis, trajectory analysis, & an encouragement design using Propensity Score Matching) for program evaluation.

PUBLICATIONS

Peer-Reviewed Journal Articles

Manuscripts in Progress

1. Furlong, J.W., Madden, E. Relationship Continuity as a Program Outcome in Foster Care: A Mixed-Methods Case Study. *Child and Adolescent Social Work Journal*.
2. Furlong, J.W. Positive Parenting as a Protective Factor for Adolescent Depression: A Difference-in-Differences Study Between 2002-2018. *Social Work in Mental Health*.
3. Furlong, J.W., Scheffert, A. Trends in Major Depressive Episodes Among Adolescents and Association With Parent-Adolescent Connectedness. *Social Work Research*.

Manuscripts in Development

1. Parrish, D., Furlong, J.W., Zhao, Q. GBM-based Propensity Scores for ATT with Rapid Housing Program Evaluation.
2. Goodwin, B., Furlong, J.W., Madden, E. A Longitudinal Approach to Measuring Attachment in Foster Care.
3. Furlong, J.W., Yancey, G. Linking Administrative and Survey Data to Measure Community Wellness: A Case Study.

Technical Reports and Other Publications

1. One Good Job: Lancaster Commission to Combat Poverty.
2. City Asset Assessment Reports with GoodCities: Minneapolis and Colorado Springs.

PROFESSIONAL PRESENTATIONS

1. A Mixed-Methods Approach to Measuring Community Flourishing: A Case Study
Use of geographically weighted regression with primary and secondary data linked by tract ID and participatory action research methods. Submitted to: Society Social Work Research (2021).
2. Relationship Continuity as a Program Outcome in Foster Care: A Mixed-Methods Case Study.
We introduce a method for evaluating relationship continuity as a program outcome in child welfare agencies. Submitted to: Society Social Work Research (2021).
3. Positive Parenting as a Protective Factor for Adolescent Depression. NCSW National Conference (2020; rescheduled to 2021).
4. Using GIS and Participatory Action Research for Community Asset Assessments. NCSW National Conference (2020; rescheduled to 2021).
5. A Spatial Analysis of US Wealth Inequality from 1943-2019. CCDA National Conference (2020).
6. Can Trend Lines Provide a Systems Perspective to Community Health Assessments: A Case Study in the Application of Community Health Indices. Temple Graduate Research Symposium finalist.

EMPLOYMENT HISTORY

2018-Present	VP of Support Services, Global Pet Alliance (Starwood Animal Transport , Pacific Pet Transport , Global Pet Relocation , My Pet Cab). Lead Data, IT, Marketing, and HR departments.
2015-Present	Director of Church Development, Evana Network . Lead research and training initiatives for community development specializing in program evaluation, asset mapping, and capacity building.

2004-2015	Lead Pastor, Cape Christian Fellowship (www.capechristian.com). Weekly attendance between 2,500-3,000; 95 employees; Annual budget of \$3.7 million.
2012-2014	President, Samaritan Health and Wellness (www.capesamaritan.com). Led a team of medical and business professionals to start the first integrative medical practice for the uninsured and under-insured in Lee County, FL.

TECHNICAL SKILLS

R, SQL, Microsoft Azure, Microsoft Power BI, ArcGIS (ArcGIS Pro, Community Analyst), data integration ELT (Azure Data Factory, Fivetran, Integromat), NVivo, SPSS.

PROFESSIONAL AFFILIATIONS

National Association of Social Workers, Association for Research on Nonprofit Organizations and Voluntary Action, American Evaluation Association, American Statistical Association.

AWARDS AND SERVICE

2012-Present	Foster parent.
2020	Research associate, Racial Justice Coalition (Asheville). Digitized a map of Urban Renewal Program forced relocations (1978-1984) from archival data, conducted policy research on pre-trial release programs, and assisting with grant writing.
2014	Florida Difference Maker Award. FL. Department of Children and Families for Foster Care advocacy.
2016-2018	Lancaster Poverty Commission: Policy task force.
2012-2016	Hosted "Family Science" on Fox affiliate WFTX morning show, "The Morning Blend."