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BIOSKETCH

Teri A. Garstka, Ph.D. (Social Psychology, University of Kansas, 1997) leads the *Social Innovation Lab* at the University of Kansas *Lifespan Institute.* Her lab seeks to understand complex social systems and operationalize positive change within and between ecosystems. Dr. Garstka's interdisciplinary interests converge where research, data, and technology meet social good efforts. To that end, she co-created the *Tech-Enabled Community Resilience* model to better position community ecosystems for coordinated response and impact. Dr. Garstka also led the invention, development, and growth of social impact technology to measure what matters for kids and families - **DAISEY** - and to build community networks that improve health and well-being - **IRIS.** Dr. Garstka also led the five-year strategic design and implementation of the *Kansas Early Childhood Integrated Data* system and Data Trust for the state of Kansas. This body of work blends her subject matter expertise in applied research and evaluation, tech innovation, and strategic design in complex systems.

EXPERIENCE

2023 – present	Director, *Social Innovation Lab*, Lifespan Institute, University of Kansas
2013 – 2023	Associate Director, *Center for Public Partnerships and Research*, University of Kansas
2011-2013	Assistant Director, *Center for Public Partnerships and Research (formerly IERPS)*
2010-2011	Research Associate, *Institute for Educational Research and Public Services*, University of Kansas
2007-2010	Senior Research Associate, *Planning and Learning Technologies*, Arlington, VA
1999-2006	Assistant Research Professor, *Gerontology Center*, University of Kansas, Lawrence, KS
1997-1999	Research Associate, *Ringel Institute of Gerontology*, State University of New York, Albany, NY

EDUCATION

1997	Ph.D. Social Psychology, University of Kansas
1993	M.A. Social Psychology, University of Kansas
1991	B.A. Psychology, Purdue University

INVENTIONS - UNIVERSITY OF KANSAS

DAISEY (2013-2024). Social impact measurement system. www.daiseysolutions.org
IRIS (2016-2024). Community network and ecosystem tool. www.connectwithiris.org

SUBJECT MATTER EXPERTISE

Research and Evaluation
Cross-sector Partnerships & Large-Scale Systems Change - community-led network building, innovation methodology
Social Service Systems – programs for children, youth and families
- *Child Welfare, Early Care and Education, Public Health, Education*

Intergroup Relations – perceptions, attitudes, beliefs

Systems Strategy and Design
Ecosystem Mapping, Measurement Tools & Methods - dynamic change in networks over time; structure and composition, impact
Implementation and Intervention Frameworks - concept, practice, intervention design and method testing
Large-Scale Systems Change - alignment of policy, practice
Community-led Data Collaboratives & Impact Hubs -governance, partnerships, infrastructure

Data for Social Impact
Social Network Analysis – network health and function, network change over time, typology and compositional analysis
Insight/Foresight – discovery, signal-noise analysis, forecasting
Outcome Analysis – benchmark setting, indicator construction, impact analysis, data visualization
Social and Economic Return on Investment – cost analysis, longitudinal design, novel measurement

Technology and Data System Infrastructure
Tech Invention and Development - application architecture, use cases, testing/QA, production, performance, roadmapping
Cross-Systems Data Integration - design and linking, inter-agency collaboration, data sharing and governance
Shared Measurement Systems – data system design, data extraction, integration and analysis, business intelligence

MAJOR ACCOMPLISHMENTS

1. **Co-Design and Lead: Tech-Enabled Community Resilience** (2023-present). Tech-Enabled Community Resilience is a model for harnessing the power of networks in a community ecosystem to influence and change social and health outcomes. Hosted the inaugural Tech- Enabled Community Resilience Summit in Sept 2023 to bring together federal, state, community, and academic professionals across the country to speak on building resilient communities, finding shared value in collaborative ecosystems, and tech tools and analyses for measuring the impact of networks on individual and population level outcomes. https://www.tecresilience.com/

2. **Design and Implementation of Kansas Early Childhood Data Trust and Authorized Projects as Principal Investigator** (2019 - 2023). Led the development and enactment of a data trust agreement outlining the data governance structure among four state agencies administering early childhood services. The Data Trust is the foundation of the Kansas Early Childhood Integrated Data (ECID) approach. Designed and led two large-scale administrative data matching and analysis projects and established governance practices and structures. Multi- funded sources, cumulative total over $1.9M. https://kschildrenscabinet.org/data-trust/

3. **Co-Principal Investigator: Kansas Pre-School Development Grant** (2018-2023). The Preschool Development Grant Birth through Five (PDG B-5) grants are available to states and territories to support early childhood services for children birth to age five. $30M in funds were awarded to Kansas to support a needs assessment, strategic planning, family engagement, quality improvement, workforce compensation and supports, and direct services for young children. PDG B-5 grants support improved collaboration among existing programs as well as a mixed delivery system that includes child care and family child care providers, Head Start, state pre-kindergarten, and home visiting. Multi-year funding, cumulative total over $5.6M https://governor.kansas.gov/governor-kelly-announces-4-million-planning-grant-to-advance-statewide-early-childhood-system/

4. **IRIS Technology Invention and Principal Investigator (**2016-2023). IRIS is a web-based software tool used to build cross-sector community care networks and to streamline the service referrals to and from participating providers and partners. With the support of an evidence- informed implementation framework, IRIS enables efficient, secure, and timely referrals to community partners and organizations and closes the loop on what happens after a referral is made for accountability and transparency. Since 2018, IRIS has been implemented in over 40 individual community networks in five states. With over 1750 organizations to date, 72,200 referrals have been made and 41,900 families have been referred to needed services. Multi- funded sources, cumulative total over $1.5M. https://connectwithiris.org/

5. **DAISEY Technology Invention and Principal Investigator** (2013-2023). DAISEY is a web- based shared measurement system housed on a secure, HIPAA-compliant server at the University of Kansas. DAISEY is highly flexible, configurable, and a secure individual-level data system designed especially to handle large-scale evaluations and collective impact analysis. Since 2014, this data infrastructure tool is used in four states by seven public agencies administering services for children and families through eleven state and federal funding initiatives. With over 3400 users to date, individual level data has been collected on services and outcomes for over 407,000 children and families. Multi-funded sources, cumulative total over $12M. https://daiseysolutions.org/

PRINCIPAL INVESTIGATOR

Ecosystem and Network Development and Mapping (Funded > $280K)

- Entrepreneurial Ecosystem of BIPOC Child Care Providers in KC Metro, Case Study & Network Mapping, *E.W. Kauffman Foundation,* 2022-2025, Co-Principal Investigator

Network Building and Social Care Coordination Tool - IRIS (Integrated Referral and Intake System) (Funded > $1M)

- IRIS Implementation and SNA research, Kansas, 2018-23, Co-Director
- IRIS Implementation and SNA research, Illinois, 2018-24, Co-Director
- IRIS Implementation and SNA research, Massachusetts, 2020-24,, Co-Director
- IRIS Implementation and SNA research, Utah, 2018-24,, Co-Director

Systems Building in Early Childhood/Maternal and Child Health/Child Welfare/Education (Funded > $10M)

- Kansas Preschool Development Planning Grant #2, *Kansas Children's Cabinet, US Department of Health and Human Services, Administration for Children and Families (ACF),* 2023-2024, Co-Principal Investigator
- Kansas Preschool Development Implementation Grant, *Kansas Children's Cabinet, US Department of Health and Human Services, Administration for Children and Families (ACF),* 2020-2023, Co-Principal Investigator
- Learning Management System for Home Visitation Professional Development, *Kansas Department of Health and Environment US Health Resources and Services Administration (HRSA), 2020-2023,,* Principal Investigator
- Kansas Preschool Development Planning Grant #1, *Kansas State Department of Education, US Department of Health and Human Services, Administration for Children and Families (ACF),* 2019-20, Co-Principal Investigator
- Moving to What Matters in Child Welfare*, Cornerstones of Care, Kansas City, MO, Kauffman Foundation,* 2017-18, Principal Investigator
- Kansas Early Childhood Comprehensive Systems, *Kansas Department of Health and Environment, US Health Resources and Services Administration (HRSA),* 2013 – 16, Principal Investigator
- Project Launch, *Kansas Department of Health and Environment, US Substance Abuse and Mental Health Services Administration (SAMHSA),* (2013-2015), Evaluator 2010-12; Principal Investigator 2013-15
- Child Welfare- Education Collaboration to Improve Educational Stability, *US Department of Health and Human Services,* 2011-13, Principal Investigator

Research and Evaluation (Funded >$5M)

- Evaluation of Kansas Family First, *Kansas Department for Children and Families,* 2019-23, Co-Principal Investigator
- Evaluation and Needs Assessment for the Federal Maternal Infant and Early Childhood Home Visiting System for Kansas, *Kansas Department of Health and Environment,* 2018-20, Co-Principal Investigator
- Evaluation of the Kansas Maternal, Infant, and Early Childhood Home Visiting Program - Innovation Award, *Kansas Department of Health and Environment, US Health Resources and Services Administration (HRSA),* 2017-19, Principal Investigator
- Evaluation of the Kansas Reading Roadmap, *Kansas Department for Children and Families,* 2013-18, Principal Investigator
- Evaluation of the Kansas Maternal, Infant, and Early Childhood Home Visiting Program – Competitive Award, *Kansas Department of Health and Environment, US Health Resources and Services Administration (HRSA),* 2015-17, Principal Investigator
- Evaluation of the Center for Restorative Education, *Kansas Children's Service League,* 2011-15, Principal Investigator
- Evaluation of the Kansas Maternal, Infant, and Early Childhood Home Visitation Program – Development Award, *Kansas Department of Health and Environment, US Health Resources and Services Administration,* 2012-15, Principal Investigator
- Generations Project: Evaluating Healthy Families and Grandparent Support Groups for Pregnant Teens, *US Department of Health and Human Services,* 2010-13, Principal Investigator

Shared Measurement - DAISEY (Data Application and Integration Solution for the Early Years) (Funded > $12M)

- DAISEY Support, Training, and Technical Assistance, *Wisconsin Child Abuse and Prevention Board,* 2018-24, Co-PI
- DAISEY Support, Training, and Technical Assistance, *Wisconsin Department of Children and Families,* 2016-24, Principal Investigator (2015-16); Co-PI (2016-24).
- DAISEY Support, Training, and Technical Assistance, *Iowa Department of Public Health,* 2015-2024, Principal Investigator (2015-16, 2019-23); Co-PI (2016-19, 2023-2024).
- DAISEY Support, Training, and Technical Assistance, *Kansas Department of Health and Environment,* 2015 – 2024, Principal Investigator (2015-17); Co-PI (2017-24).
- DAISEY Support, Training, and Technical Assistance, *Kansas Children's Cabinet and Trust Fund,* 2014 – 2024, Principal Investigator (2014-2023), Co-PI (2023-2024)
- Federal Home Visiting Data Collection and Reporting System for Kansas, *Kansas Department of Health and Human Services, US Health Resources and Services Administration (HRSA),* 2011-2024, Principal Investigator (2011-18, 2019- 23); Co-PI (2018-19, 2023-24)
- Federal Home Visiting Data Collection and Reporting System for Nebraska, *Nebraska Department of Health and Human Services, US Health Resources and Services Administration,* 2011-2024, Principal Investigator (2011-2023), Co-PI (2024-24)
- DAISEY Support, Training, and Technical Assistance, *Kansas Department for Children and Families - Early Head Start,* 2015 – 24, Principal Investigator (2015-17, 2019-23); Co-PI (2017-19, 2023-24).

PUBLICATIONS

([Google Scholar Page](#))

Citations: 3489
***h*-index: 17**

Community Resilience and Social Networks

Bonnett, M., Ezeigwe, C., Kennedy, M.B., & Garstka, T.A. (2023). Using social network analysis to link community health and network strength, *Tech-Enabled Community Resilience Series*, *(2),* Orange Sparkle Ball, Atlanta, GA. DOI: 10.61152/SCSF6662

Vaziri, N., Bonnet, M., Kennedy, M.B., & Garstka, T.A. (2023). Linking community resilience to health and wellness. *Tech-Enabled Community Resilience Series*, *(1)*, Orange Sparkle Ball, Atlanta, GA. DOI: 10.61152/PVTK9816

Garstka, T.A., Harms, R., Barton, J., Galindo, L., Severin, L, & Biggs, J. (2021). *Developing Cross-Sector Referral Networks to Address Social Determinants of Health: Results from a Multi-Year Evaluation Before and During COVID-19*. University of Kansas, Lawrence KS.

Optimizing the Well-being of Children, Youth, & Families

Barton, J.., Jimenez, P., Biggs, J., Garstka, T.A., & Ball, T., (2020) Strengthening family engagement and relationships in home visiting programs through early screening and assessment practices. *Children and Youth Services Review*, *118*, 105495

Biggs, J., Garstka, T.A., Sprague-Jones, J., & Richardson, D. (2018). Brief Motivational Interviewing training for home visitors: Results for caregiver retention and referral engagement. *Children and Youth Services Review, 94,* pp 56-64.

Counts, J., Gillam, R., Garstka, T, & Urbach, E. (2018). How the Center for Public Partnerships and Research navigates complex social problems to make a collective difference. *Journal of Evidence-Informed Social Work.* Advance online publication. doi*:* 10.1080/23761407.2018.1449158*.*

Gillam, R., Counts, J. & Garstka, T. (2016). Collective impact facilitators: How contextual and procedural factors influence collaboration. *Community Development, 47 (2),* pp 209-224*.*

Garstka, T.A., Lieberman, A., Biggs, J., Thompson, B, & Levy, M. (2014). Barriers to cross-systems collaboration in child welfare, education, and the courts: Supporting educational well-being of youth in care through systems change. *Journal of Public Child Welfare*. Vol 8 (2), 190-211.

Levy, M., Garstka, T.A., Lieberman, A., Thompson, B., Metzenthin, J., & Noble, J. (2014). The educational experience of youth in foster care. *Journal of At-Risk Issues, 18(2).*

Collins-Camargo, C., & Garstka, T.A., (2014). Promoting outcome achievement in child welfare: Predictors of evidence-informed practice*. Journal of Evidence-Based Social Work*, *11 (5*), pp 423-436.

Garstka, T.A., Collins-Camargo, C., Hall, J. Neal, M., & Ensign, K. (2012). Implementing performance-based contracts and quality assurance systems in child welfare services: Results from a national cross-site evaluation. *Journal of Public Child Welfare*, *6*, 12-41.

Collins-Camargo, C., Hall, J., Flaherty, C., Ensign, K., Garstka, T.A., Yoder, B., & Metz, A. (2007). Knowledge development and transfer on public/private partnerships in child welfare service provision: Using multi-site research to expand the evidence base. *Journal of Professional Development, 10,* 14-31.

Understanding Aging and Intergenerational Relations

Garstka, T.A., Hummert, M.L., & Branscombe, N.R. (2005). Perceiving age discrimination in response to intergenerational inequity. *Journal of Social Issues, 61(2)*, 319-340.

Garstka, T.A., & Branscombe, N. (2005). Hiding your true age: How passing as younger or older in response to perceived age discrimination affects self-esteem. *Gerontologist, 45,* 450-450

Hummert, M.L. & Garstka, T.A., (2005). Older adults' perceptions of facial features and emotions: Age sterotyping ingroup members. Gerontologist, 45,412-413.

Garstka, T.A., Schmitt, M., Branscombe, N.R., & Hummert, M.L. (2004). How young and older adults differ in their responses to age discrimination. *Psychology and Aging*, *19*, 326-335.

Hummert, M.L., Garstka, T.A., Bonneson, J.L. & Ryan, E.B. (2004). The role of age stereotypes in interpersonal communication. In J.F. Nussbaum and J. Coupland (Eds.), *Handbook of Communication and Aging Research (2nd Ed)* (pp. 91-114). Mahwah: NJ: Erlbaum.

Hummert, M.L., Garstka, T.A., & Zhang, Y.B. (2004). Facial cues to age, perceived negative emotions, and age stereotyping. *Gerontologist, 44*, 226-226.

Zhang, Y.B., Hummert, M.L., & Garstka, T.A. (2003). Age stereotypes in Chinese culture. *Gerontologist, 43*, 173-173.

Zhang, Y. B., Hummert, M. L., & Garstka, T. A. (2002). Age stereotype traits of Chinese young, middle-aged, and older adults. *Hallym International Journal of Aging, 4,* 119-140*.*

Hummert, M.L., Garstka, T.A., O'Brien, L., Greenwald, A.W., & Mellot, D. (2002). Using the Implicit Association Test to measure age differences in implicit social perceptions*. Psychology and Aging*, *17*, 482-495.

Hummert, M.L., Garstka, T.A., O'Brien, L., Savundranayagam, M., & Zhang, Y.B., (2001). Implicit and explicit age stereotyping in social

interactions. *Gerontologist, 43*, 536-536.

Garstka, T.A., McCallion, P., & Toseland, R.W. (2001). Using support groups to improve caregiver health. In J. Nussbaum & M.L. Hummert (Eds.) *Aging, Communication and Health: Linking Research and Practice for Successful Aging* (pp. 75-98)*.* Mahwah, NJ: Erlbaum.

Toseland, R., McCallion, P., Smith, T. Huck, S., Bourgeouis, P., & Garstka, T.A. (2001). Health education groups for caregivers in an HMO. *Journal of Clinical Psychology, 57*, 551-570.

Hummert, M.L., Shaner, J.L., Garstka, T.A., & Henry, C. (1998). Communication with older adults: The role of age stereotypes, context and communicator age. *Human Communication Research*, *25*, 124-151.

Hummert, M.L., Garstka, T.A., & Shaner, J.L. (1997). Stereotyping of older adults: The role of target facial cues and perceiver characteristics. *Psychology and Aging*, *12*, 107-114.

Hummert, M.L., Shaner, J.L., & Garstka, T.A. (1995). Cognitive processes affecting communication with older adults: The case for stereotypes, attitudes and beliefs about communication. In J.F. Nussbaum and J. Coupland (Eds.), *Handbook of Communication and Aging Research* (pp. 105-131). Hillsdale, NJ: Erlbaum

Hummert, M.L., Garstka, T.A., & Shaner, J.L. (1995). Beliefs about language performance: Adults' perceptions about self and elderly targets. *Journal of Language and Social Psychology*, *14*, 235-259.

Hummert, M.L., Garstka, T.A., Shaner, J.L., & Strahm, S. (1995). Judgments about stereotypes of the elderly: Attitudes, age associations, and typicality ratings of young, middle-aged, and elderly adults. *Research on Aging*, *17*, 68-189.

Hummert, M.L., Garstka, T.A., Shaner, J.L., & Strahm, S. (1994). Stereotypes of the elderly held by young, middle-aged, and elderly adults. *Journal of Gerontology: Psychological Sciences*, *49*, 240-249.

Federal Reports for Child Welfare Initiatives

Garstka, T.A., Collins-Camargo, C., Hall, J., Neal, M., Ensign, K.E., Yoder, B., & Lee, E. (Sept, 2010). *Quality Improvement Center on the Privatization of Child Welfare Services – Cross-Site Evaluation.* Final report submitted to Children's Bureau, Administration for Children and Families, U.S. Department of Health and Human Services.

Center for Children and Family Futures, Planning and Learning Technologies, and Macro International. (Dec 2008). *Regional Partnership Grant Program to Improve Child Safety, Permanency and Family Stability of Children Affected by Methamphetamine and Other Substance Abuse: First Annual Report to Congress.* Report to Congress submitted to U.S. House of Representatives Committee on Ways and Means, U.S. Senate Committee on Finance. Contributor.