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ACADEMIC POSITIONS

2014-Present Frank J. Bruno Distinguished Professor of Social Work Research, Brown School of Social Work, Washington University in St. Louis

2016-Present Yangtze-River Chaired Professor of Xi'an Jiaotong University, China, appointed by the Ministry of Education, China

2015-Present Editor-in-Chief of the “Advanced Quantitative Techniques in the Social Sciences Series”, Sage Publications Inc

2021 Vice President of the Society for Social Work and Research

Elected Fellow (2014) of American Academy of Social Work and Social Welfare

The Inaugural (2014) Fellow of the Society for Social Work and Research

EDUCATION

Post-doctoral Training, Sociology, Brown University, Providence, RI, 1990-1991

Ph. D., Sociology, University of Michigan, Ann Arbor, Michigan, 1990.

M.A., Economics, Fudan University, Shanghai, China, 1985.

B.A., Economics, Fudan University, Shanghai, China, 1981.

Diploma of the China's First Training Program of Sociology, Nankai University, Tianjin, China, 1981.

HONORS AND AWARDS

- Named in the Stanford University - Elsevier list of the top 2% most-cited scientists in various disciplines worldwide. The database was created by experts at Stanford University, based on data from Elsevier's Scopus, the publicly available abstract and citation database of over 100,000 top scientists and their publications in scholarly journals. The most recent dataset is based on the August 1, 2021 snapshot from Scopus that is updated to the citation year 2020.
- Named in the list of the top 100 global contributors to social work journal scholarship by a 2022 study from SAGE Journals – I was ranked at 37 in that list.
- 2018 Distinguished Faculty Award of Brown School, Washington University in St Louis.
- Presented “Shaping social work science: what should quantitative research do?” at the School of Social Welfare at University of California Berkeley on September 16, 2013, as the inaugural **Berkeley Social Welfare Tony Tripodi Lecture on Research Methodology**.
- 2012 Most Outstanding Professor Award given by Doctoral Students of School of Social Work at UNC at Chapel Hill.

- 2010 Distinguished Teaching Award for Post-Baccalaureate Instruction, University of North Carolina at Chapel Hill.
- Dean’s Award of Teaching Excellence of the School of Social Work at UNC – Chapel Hill for the following academic years: 2004-05, 2005-06, 2006-07, 2008-09, 2009-10, 2011-12, 2012-13.
- The following paper won the “2005 Pro Humanitate Literary Award of Best Papers” by the North American Resource Center for Child Welfare: Wells, K., & **Guo, S.** (2004). Reunification of foster children before and after welfare reform. *Social Service Review* 78(1): 74-95.
- The Rockefeller Foundation **Post-Doctoral Fellowship**, 1990-1991; **Pre-Doctoral Fellowship**, 1988-1990. The Population Council **Honorary Fellowship**, 1990-1991; **Honorary Fellowship**, 1988-1990. The United Nations’ Population and Development Scholarship, 1985-1988.

GRANT AWARDS

- **Investigator, Chief Statistician, and Director of the Evaluation Core** of the NC-ACE project (PI Paul Smokowski) funded by CDC (a nearly 6.5-million-dollars project in the form of Ro1), 2010-2015. This project aims to establish North Carolina Academic Center for Excellence in Youth Violence Prevention. NC-ACE is the nation’s first *rural* Youth Violence Prevention Center and serves one of the most ethnically diverse rural counties in the United States
- A Pilot Study of the Translational Research to Adapt and Implement the *Making Choices* Program in the People’s Republic of China – **Principal Investigator**, funded by China’s National Population and Family Planning Commission (\$21,486), 4/01/06-3/31/09.
- A Matched Grant to Support the Pilot Study of Adapting and Implementing the *Making Choices* Program in the People’s Republic of China – **Co-Principal Investigator** (the other Co-PI: Mark Fraser) funded by the University of North Carolina at Chapel Hill (\$20,628), 4/01/06-3/31/09.
- Child Abuse and Neglect Discretionary Activities – Development of Innovative Methods to Child Welfare Research” – **Principal Investigator**, funded by the Children’s Bureau, US Department of Health and Human Services, in the amount of \$205,214 over two years (2003-2005).
- “Mental Health Services on Child Outcomes” – PI Richard Barth, **Co-investigator Shenyang Guo**, funded by Robert Wood Johnson Foundation in the amount of \$250,000 over two years.
- Co-Principal Investigator Kathleen Wells, **Co-Principal Investigator Shenyang Guo**, “Impact of Welfare Reform on Child Welfare”, a five-year (1998-2003) study funded by the Annie E. Casey Foundation (98.1123) in the amount of \$283,669, by the Gund Foundation (97-376) in the amount of \$18,911, and an extension grant funded by the Gund Foundation and the Cleveland Foundation in the amount of \$172,387.

RESEARCH POSITIONS IN FEDERALLY FUNDED PROJECTS

- Chief Statistician in R01MH104574-01 sponsored by the National Institute of Mental Health (07/14/2014 ~ 05/31/2021) – Principal Investigator: Leopoldo J. Cabassa, \$3,354,903, Peer-led Healthy Lifestyle Program in Supportive Housing

- NIDA Grant R01 07957 – Principal Investigator: Lynn Singer, Ph.D., Department of Pediatrics, \$1,500,000 (four years). This study investigated preschool and early school-age outcomes of children who had fetal cocaine exposure. I served as a statistical consultant (10%).
- NIDA Grant R01 07358 – Principal Investigator: Robert Arendt, Ph.D., Department of Pediatrics, \$1,450,000 (four years). This longitudinal study investigated sensory motor development of cocaine-exposed children. I served as a statistical consultant (10%).
- NIMH Grant MH42730 – Principal Investigator: Matig R. Mavissakalina, M.D., School of Medicine, Case Western Reserve University. This is a clinical study of panic disorders and assessment of the effectiveness of imipramine. I am serving as a statistical consultant (30 hours monthly).

CURRENT POSITION

Frank J. Bruno Distinguished Professor of Social Work Research, Research Director of Center for Social Development (starting from July 1, 2014),
George Warren Brown School of Social Work, Washington University in St. Louis

- Teaching statistics courses for the Ph.D. program.
- 2014-2021 Assistant Vice Chancellor for International Affairs – Greater China, Worked with Chancellor Mark Wrighton and Vice Chancellor James Wertsch to coordinate international affairs pertaining to Greater China for Washington University in St. Louis.
- Conducting research in the areas of child welfare, child mental health, program and practice evaluations, and research methodology.

PREVIOUS POSITIONS

Wallace H. Kuralt, Sr. Distinguished Professor (February, 2013 to June 2014),
School of Social Work, University of North Carolina at Chapel Hill

- Teaching statistics courses for the Ph.D. program.
- Conducting research in the areas of child welfare, child mental health, program and practice evaluations, and research methodology.

Guest Professor (June, 2008 to Present), East University of Science and Technology, Shanghai, China.

Professor (July, 2009 to February 2013), School of Social Work, University of North Carolina at Chapel Hill

Associate Professor, School of Social Work, University of North Carolina at Chapel Hill, 2002-June, 2009

Member of the “International Advisory Committee on Yangtze Delta Social Change Survey” (June 2009 to 2010), Fudan University. China.

Associate Professor, College of Social Work, University of Tennessee, 2000-2001

Assistant Professor, Mandel School of Applied Sciences, Case Western Reserve University, Cleveland, Ohio, 1999-2000

Senior Research Associate, Center on Urban Poverty and Social Change, Case Western Reserve University, Cleveland, Ohio, 1995-1998.

Senior Research Associate, School of Social Work at University of Michigan, 1991-1995.

INVITED LECTURES

1. Conducted the “Propensity Score Analysis” seminar for *Statistical Horizons* in October 2012; March, May, October 2013; April, November 2014; May 2015; October 2016; April 2017; April & October 2018; April & October 2019; Sept. 2020; March & October 2021; and March, October 2022.
2. Invited to give presentations on quantitative research methods at School of Social Work at Brigham Young University, March 27-29, 2013.
3. Invited to teach a doctoral level statistics course of “Longitudinal and Multilevel Analysis” in the following universities in China: Renmin University of China (July 3-19, 2013), and Shanghai University (July 22-August 6, 2013).
4. Invited to teach a doctoral level statistics course of “Advanced Topics in Causal Inferences: Propensity Score and Related Models” in the following four Universities in China: Hong Kong University of Science and Technology (May 30 to June 8, 2012), China’s Youth College of Political Sciences (June 21-29, 2012), Renmin University of China (July 2-18, 2012), and Peking University (July 3-24, 2012).
5. Workshop of “Propensity Score Analysis and Strategies for Its Applications to Child Welfare Research and Evaluation” provided to the National Data Archive on Child Abuse and Neglect (NADCAN) Summer Research Institute at Cornell University on June 15, 2011.
6. Workshop of “Propensity Score Analysis and Strategies for Its Application to Services Training Evaluation” provided to the 14th Annual National Human Services Training Evaluation Symposium at Cornell University on June 14, 2011.
7. A two-session Webinar on “Propensity Score Matching Strategies for Evaluating Substance Abuse Services for Child Welfare Clients”, invited and organized by the Administration on Children, Youth, and Families, Children’s Bureau, September 1 & 7, 2010.
8. SSWR Summer Quantitative Training Institute on “Propensity Score Analysis and Its Applications to Social Work Research” (July 28-30, 2010), conducted at University of Denver.
9. “Propensity Score Analysis and Its Applications to Social Work Research” (May 15, 2009), a one-day workshop invited and organized by Graduate School of Social Work, University of Denver.

10. "Propensity Score Analysis and Its Applications to Social Work Research" (April 3, 2009), a one-day workshop invited and organized by the Mandel School of Applied Social Sciences, Case Western Reserve University, Cleveland, OH.
11. "Propensity Score Analysis and Its Applications" (March 30, 2009), a one-day workshop sponsored by MetaMetrics, Inc. and conducted at the National Institute of Statistical Sciences/Statistical and Applied Mathematical Sciences Institute, Research Triangle Park, NC.
12. "Advanced quantitative methods workshop" (July 23-24, 2008), University of Wisconsin at Milwaukee.
13. "Propensity score matching and Heckman's difference-in-differences methods: A new device for program evaluation" (January 11, 2007), Pre-conference Workshop on Research and Statistics Methodology for the Annual Conference of Society of Social Work and Research, San Francisco, CA.
14. "Special Topics on Quantitative Research Methods" offered to the U.S. Office of Behavioral and Social Sciences Research 2006 NIH Summer Institute (July 23-28, 2006) at the University of North Carolina at Chapel Hill.
15. "Advanced Topics on Social Statistics – HLM, Survival Analysis, SEM, and Propensity Score Matching" (July 4-13, 2006), a course offered at the School of Business, East China University of Science and Technology, China.
16. "Advanced Topics on Social Statistics – HLM, Survival Analysis, SEM, and Propensity Score Matching" (May 17 to July 1, 2006), a course offered at the School of Social Development and Public Policy, Fudan University, China.
17. "Quasi-experimental strategies when randomization is not feasible: Propensity score matching" (June 9, 2005), invited presentation at the Children's Bureau Annual Conference on the IV-E Waiver Demonstration Project.
18. "Introduction to Propensity Score Matching" (January 28-29, 2005), workshop conducted at the School of Social Work at the University of Illinois at Urbana-Champaign.
19. "Propensity score matching and difference-in-differences estimator: A review and illustration" (October 11, 2004), presentation made to the Thurstone Psychometric Laboratory, Department of Psychology, University of North Carolina at Chapel Hill.
20. "Introduction to SEM" (July 26-28, 2004), workshop conducted at the Department of Pediatrics, School of Medicine, Case Western Reserve University.
21. "Introduction to HLM and its applications" (December 20, 2002), presentation made to the Institute for the Study and Prevention of Violence, Kent State University.
22. "Analyzing longitudinal rating data: A three-level HLM" (April 5, 2002), presentation made to the NIDA funded Social Work Research Center at the School of Social Work, University of Texas at Austin.

PUBLICATIONS

Books, Book Chapters, Reviews, and Critiques

21. Guo, S. Peng, J., Fu, L. (2022). *Toward a Livable Life: A 21st Century Agenda for Social Work* (In Chinese). A translation of Mark Rank's (Edited) book in the same title from English into Chinese. The original book was published by the Oxford University Press in 2020, and the Chinese translated book was published by China Social Sciences Press in 2022.
20. **Guo, S.**, (2020). Propensity score Analysis. In P. A. Atkinson, S. Delmont, M.A. Hardy, & M. Williams (Eds.), *SAGE Research Methods Foundations*. London, England: Sage Publications, Inc. <http://dx.doi.org/10.4135/9781526421036>
19. **Guo, S.**, (2017). Survival analysis. In M. E. Arterberry, K. L. Fingerman, & J. E. Lansford (Eds.), *The SAGE Encyclopedia of Lifespan Human Development*. Thousand Oaks, CA: Sage Publications, Inc.
18. **Guo, S.** & Fraser, W.M. (2015). *Propensity Score Analysis: Statistical Methods and Applications, Second Edition*. Thousand Oaks, CA: Sage Publications, Inc.
17. **Guo, S.** (2013). Advanced statistical analysis. Entry for the *Encyclopedia of Social Work Online*. New York: The Oxford University Press. <http://socialwork.oxfordre.com/>
16. **Guo, S.** (2012). Preface of the Chinese translation of "Propensity Score Analysis: Statistical Methods and Applications" (Zhigang Guo et al. translated), Chongqing, China: Chongqing University Press.
15. Bowen, N., & **Guo, S.** (2011). *Structural Equation Modeling*, New York, NY: The Oxford University Press.
14. Let's Be Friends Research Group. (2011). *Let's be friends: An interpersonal skills training manual for children* (Fraser, M. W., Peng, H., **Guo, S.**, Li, C., and 8 others, Trans.). Beijing, China: China Population Press.
13. **Guo, S.** (2010). *Survival Analysis*. New York, NY: The Oxford University Press.
12. **Guo, S.** & Fraser, W.M. (2010). *Propensity Score Analysis: Statistical Methods and Applications*. Thousand Oaks, CA: Sage Publications, Inc.
11. Barth, R.P., **Guo, S.**, Weigensberg, E., Christ, S.L., Bruhn, C.M., & Green, R.L. (2009). Explaining reunification and reentry 3 years after placement in out-of-home care, in Webb, M.B., Dowd, K.L., Harden, B.J., Landsverk, J., & Testa, M. (eds.) *Child Welfare and Child Well-being: New Perspectives from the National Survey of Child and Adolescent Well-being*. New York, NY: Oxford University Press.
10. **Guo, S.** (2008). Quantitative research. Entry for the *Encyclopedia of Social Work, 20th Edition*. New York: The Oxford University Press.

9. Barth, R.P., **Guo, S.**, Green, R.L. (2007). Kinship care and nonkinship foster care: Informing the new debate, in Haskins, Wulczyn, & Webb (Eds.) *Child Protection: Using Research to Improve Policy and Practice*, Washington DC: Brookings Institution Press.
8. **Guo, S.** (2000) "The need to conduct quantitative research rigorously: A critique". *Social Work Research, 24(1)*: 61-64.
7. **Guo, S.** (1999) "Data Management in Event History Analysis -- Using SPSS", in Guo, Z. (Eds.): *Social Statistical Methods*, 423-455, The People's University Press, Beijing, China.
6. **Guo, S.** (1997). "Book Review: New poverty: Families in postmodern society". *The Journal of Applied Social Sciences 21(2)*: 131-132.
5. **Guo, S.** (1997). "Book Review: Social control in China: A study of Chinese work units". *The Journal of Applied Social Sciences 21(2)*: 132-133.
4. **Guo, S.** (1996). "Fundamental Determinants of Fertility Decline in Urban China: Development or Policy?" in Goldstein, A., & Wang, F. (eds.): *China, Many Facets in Demographic Change*, 81-94, Westview Press, Colorado.
3. Schwartz, I., Ortega, R., **Guo, S.**, Gideon, F. (1995). *Raised by the Government*. Lanham, MD: Lexington Books.
2. Zhang, Z., **Guo, S.**, Zhang, R. (1984). *Population Explosion and Strategies*. Shanghai, China: Xue Lin Publications. (In Chinese)
1. **Guo, S.** (1983). "How to control China's population growth? – The impacts of mass education on reducing fertility," in Gui, S (eds.): *The Population Problem and Demographic Theories*, 47-56, Shanghai, China: Fudan University Press. (In Chinese)

Peer-reviewed Journals

122. Sun, X., **Guo, S.** (corresponding author), Peng, J., Li, N., & Fraser, MW. (2024). Comparison of two controlled trials designed to reduce aggressive behavior in China. *Research on Social Work Practice*, first published on August 31, 2024, <https://doi.org/10.1177/10497315241275492>
121. Yu, D. (corresponding author), **Guo, S.** (corresponding author), Yang, Y., Fu, L., McBride, T., & An, R. (2024). Governance policy evaluation in the United States during the pandemic: nonpharmaceutical interventions or else? *Annals of the American Association of Geographers 114(3)*, <https://doi.org/10.1080/24694452.2023.2292807>
120. Peng, J., Li, N., Sun, X., & **Guo, S.** (Corresponding Author), (2023). Strengthening the social information processing skills of third graders in rural China: Findings of 'Let's Be Friends (Shaanxi), Trial 2'. *Child & Family Social Work*, 1–12. <https://1620doi.org/10.1111/cfs.13080>
119. Peng, J., Li, J., Li, D., Fang, Y., Zhang, C., Fraser, MW, **Guo, S.** (Corresponding Author), (2023). Systematic review and meta-analysis of interventions to improve children's social information-processing skills. *Research on Social Work Practice*, first published on June 23, 2023, <https://doi.org/10.1177/10497315231182449>

118. **Guo, S.**, Yang, Y., Fu, L. (2023). Interventions to reduce racial bias and discrimination in the United States: a scoping review. *The Journal of the Society for Social Work and Research*, 14(1), 165-183. <https://doi.org/10.1086/723871>
117. Kohl, P.L., Dunnigan, A., Markovitz, L., Feely, M., Lewis, E.M., Auslander, W., **Guo, S.**, Jonson-Reid, M. (2023). Improving child behavior through parent training in child welfare services: a mixed-method study. *Children and Youth Services Review*. DOI:10.1016/j.chilyouth.2023.107269
116. Wang, X., Brown, D.S., Cao., Y., Ekenga, C.C., **Guo, S.**, & Johnson, K.J. (2023). Health insurance coverage and racial/ethnic disparities in U.S. childhood and adolescent cancer survival. *Journal of Pediatrics*, 257, 113378. DOI: 10.1016/j.jpeds.2023.02.022
115. Wang, X., Brown, D.S., Cao, Y., Ekenga, C., **Guo, S.**, & Johnson, K.J. (2023). Disparities in survival improvement for U.S. childhood and adolescent cancer between 1995 and 2019: An analysis of population-based data. *Cancer Epidemiology*. Epub May 18, 2023. DOI:10.1016/j.canep.2023.102380
114. **Guo, S.**, Li, N., Sun, X., Peng, J., & Fraser, M.W., (2022). The moderating effects of school resources on the impact of a school-based intervention on the social information-processing skills of third graders in rural China. *Journal of Community Psychology*, first published online April, 7, 2022, <https://doi.org/10.1002/jcop.22858>
113. Wang, X., Brown, D.S., Cao, Y., Ekenga, C.C., **Guo, S.**, Johnson, K.J. (2022). The impact of health insurance coverage on racial/ethnic disparities in US childhood and adolescent cancer stage at diagnosis. *Cancer*, 128(7), 3196-3203, <https://doi.org/10.1002/cncr.34368>
112. Cabassa. L. J., Stefancic, A., Lewis-Fernández, R., Luchsinger, J., Weinstein, L., **Guo, S.**, Palinkas, L., Bochicchio, L., Wang, X., O'Hara, K., Blady, M., Simiriglia, C., & McCrudy, M. (2021). Main outcomes of the peer-led healthy lifestyle intervention for people with serious mental illness in supportive housing. *Psychiatric Services*, 72 (5), 555-562. <https://doi.org/10.1176/appi.ps.202000304>
111. Cabassa, L.J. Stefancic, A., Chen, J.H., Park, M., Tuda, D., Hawes, M.R., **Guo, S.** (2022). Impact of moderating demographic variables on a health intervention for people with serious mental illness. *Research on Social Work Practice*. DOI:10.1177/10497315221102403
110. Kohl, P., Gyimah, E.A., Diaz, J.N., Kuhlmann, F.M., Dulience, S., Embaye, F., Brown, D.S., **Guo, S.**, Luby, J., Nicholas J., Turner, J., Chapnick, M., Pierre, J.M., Boncy, J., Fleur, R.St., Black, M., & Iannotti, L. (2022). Grandi Byen – supporting child growth and development through integrated, responsive parenting, nutrition and hygiene: study protocol for a randomized controlled trial. *BMC Pediatrics*. DOI:10.1186/s12887-021-03089-x
109. Gyimah, E.A., Kohl, P., Dulience, S., Diaz, J., Kuhlmann, F.M., Embaye, F., Nicholas J., Chapnick, M., Pierre, J., Fleur, R.St., Pierre, J.M., Boncy, J., **Guo, S.**, Brown, D.S, Luby, J., Black, M., Turner, J., & Iannotti, L. (2022). Grandi Byen – integrated responsive parenting, nutrition, and hygiene for child growth and development: Protocol for a randomized controlled trial. *Current Development in Nutrition*. DOI:10.1093/cdn/nzac072.013

108. Ssewamala, F., McKay, M., Bahar, O.S., Nabunya, P., Neilands, T., Kiyingi, J., Namatovu, P., **Guo, S.**, Nakasujja, N., & Mwebembezi, A. (2022). Suubi4StrongerFamilies: A study protocol for a clustered randomized clinical trial addressing child behavioral health by strengthening financial stability and parenting among families in Uganda. *Frontiers in Psychiatry*. DOI:10.3389/fpsy.2022.949156
107. Ssewamala, F., Bahar, O.S., Nabunya, P., Thames A., Neilands, T., Damulira, C., Mukasa, B., Bathwaite, R., Mellins, C., Santelli, J., Brown, D.S., **Guo, S.**, Namatovu, P., Kiyingi, J., Namuwonge, F., McKay, M. (2021). Suubi+Adherence-Round 2: A study protocol to examine the longitudinal HIV treatment adherence among youth living with HIV transitioning into young adulthood in southern Uganda. *BMC Public Health*. DOI:10.1186/s12889-021-10202-3
106. **Guo, S.**, An, R., McBride, T.D., Yu, D., Fu, L., Yang, Y. (2020). Mitigation interventions in the United States: an exploratory investigation of determinants and impacts. *Research on Social Work Practice*, first published online September 21, 2020, <https://doi.org/10.1177/1049731520957415>
105. Cabassa, L., Stefancic, A., Lewis-Fernandez, R., Luchsinger, J., Weinstein, L., **Guo, S.**, Palinkas, L., Bochicchio, L.A., Wang, X., O'Hara, K., Blady, M., Simiriglia, C., McCurdy, M.M. (2020). Main outcomes of a peer-led healthy lifestyle intervention for people with serious mental illness in supportive housing. *Psychiatric Services*. DOI:10.1176/appi.ps.202000304
104. Cabassa, L., Stefancic, A., Wang, X., **Guo, S.**, Lu, N.Y., Weatherly, C. (2020). Correlates of physical activity and cardiorespiratory fitness in racially and ethnically diverse people with serious mental illness in supportive housing. *Community Mental Health Journal*, published online 28 March, 2020. <https://dpo/prg/10.1007/s10597-020-00610-x>
103. **Guo, S.**, Peng, J., Fraser, M., Sun, X., Wu, F., & Day, S. (2020). Strengthening the social information-processing skills of Third Graders: A matched clusters trial of the Let's Be Friends program in rural China. *Research on Social Work Practice* 30(6). <https://doi.org/10.1177/1049731520921953>
102. **Guo, S.**, Fraser, M., & Chen, Q. (2020). Propensity score analysis: Recent debate and discussion. *Journal for the Society of Social Work and Research*, 11(3), <https://doi.org/10.1086/711393>
101. Kim H., Jonson-Reid, M., Kohl, P.L., Chiang, C., Drake, B., Brown, D.S., McBride, T.D., & **Guo, S.** (2020). Latent class analysis risk profiles: An effective method to predict a first re-report of maltreatment? *Evaluation and Program Planning*. DOI:10.1016/j.evalprogplan.2020.101792
100. Ssewamala FM, Sensoy Bahar O, Nabunya P, Thames AD, Neilands TB, Damulira C, Mukasa, B, Brathwaite R, Mellins C, Santelli J, Brown D, **Guo S**, Namatovu P, Kiyingi J, Namuwonge F, McKay MM. (2020). Suubi+Adherence-Round 2: A study protocol to examine the longitudinal HIV treatment adherence among youth living with HIV transitioning into young adulthood in Southern Uganda. *BMC Public Health*, 21(1): 1-21. doi.org/10.1186/s12889-021-10202-3

99. Sun, S., Nabunya, P., Byansi, W., Bahar, O.S., Damulira, C., Neilands, T.B., **Guo, S.**, Namuwonge, F., Ssewamala, F.M., (2019). Access and utilization of financial services among poor HIV-impacted children and families in Uganda. *Children and Youth Services Review*, published online Dec. 29, 2019. <https://doi.org/10.1016/j.chidyouth.2019.104730>
98. **Guo, S.**, Sun, X., Peng, J., & Fang, Y. (2019). The social psychological wellbeing of the left-behind children: Findings from a large random sample of Jingyang County in Shaanxi Province (in Chinese). *Population Research*, 43(6), 33-48
97. Wu, Q., **Guo, S.**, Evans, C.B.R., Smokowski, P., Bacallao, M., & Stalker, K. (2019). Modeling ecological risk, health promotion, and prevention program effects for rural adolescents. DOI:10.1086/701970
96. Rizo, C. F., Wretman, C. J., Macy, R. J., **Guo, S.**, & Ermentrout, D. M. (2018). A novel intervention for system-involved female intimate partner violence survivors: Changes in mental health. *American Journal of Orthopsychiatry*, 88(6), 681-690. <http://dx.doi.org/10.1037/ort0000332>
95. Jonson-Reid, M., Kohl, P., Drake, F., **Guo, S.**, McBride, T., Brown, D., & Kim, H. (2019). What do we really know about usual care child protective services? *Children and Youth Services Review*.
94. Jonson-Reid, M., Chiang, C., Kohl, P., Drake, B., Brown, D.S., **Guo, S.**, Kim, H., McBride, T. (2019). Repeat reports among cases reported for child neglect: A scoping review. *International Journal of Child Abuse & Neglect*. DOI:10.1016/j.chiabu.2019.03.013
93. Smokowski, P. R., Bacallao, M., Evans, C. B. R., Rose, R. A., Stalker, K. L., **Guo, S.**, Wu, Q., Barbee, J., & Bower, M. (2018). The North Carolina Youth Violence Prevention Center: Using a Multifaceted, Ecological Approach to Reduce Youth Violence in Impoverished, Rural Area. *Journal for the Society for Social Work and Research*. DOI:10.1086/700257
92. Despard, M., Grinstein-Weiss, M., **Guo, S.**, Taylor, S., Russell, B. (2018). Financial shocks, liquid assets, and material hardship in low- and moderate-income households: Differences by race. *Journal of Economics, Race, and Policy*. Online first: <https://doi.org/10.1007/s41996-018-0011-y>
91. Despard, M., **Guo, S.**, Grinstein-Weiss, M., Russell, B., Oliphant, J.E., & deRuyter, A. (2018). The mediating role of assets in explaining hardship risk among households experiencing financial shocks. *Social Work Research*, 42(3) 147-158. DOI:10.1016/j.chiabu.2019.03.013
90. Smokowski, P. R., Cotter, K. L., **Guo, S.**, & Evans, C. B. R. (2017). Scaling up a multifaceted violence prevention package: County level impact of the North Carolina Youth Violence Prevention Center. *Journal of the Society for Social Work and Research* 8(1), 10-44. DOI:10.1086/690560
89. Smokowski, P. R., **Guo, S.**, Evans, C. B. R. Wu, Q., Rose R.A., Bacallao, M., & Cotter K.L. (2017). Risk and protective factors across multiple microsystems associated with internalizing symptoms and aggressive behavior in rural adolescents: Modeling longitudinal

- trajectories from the rural adaptation project. *American Journal of Orthopsychiatry*. DOI:10.1037/ort0000163
88. Jonson-Reid, M., Drake, B., Kohl, P.L., Guo, S., Brown, D.S., McBride, T.D., Kim, H., Lewis, E. (2017). What do we really know about usual care child protective services. *Children and Youth Services Review*. DOI:10.1016/J.CHILDYOUTH.2017.09.019
87. Jensen, T.M., Shafer, K., **Guo, S.**, Larson, J. (2017). Differences in relationship stability between individuals in first and second marriages. *Journal of Family Issues*. DOI:10.1177/0192513X15604344
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SELECTED PRESENTATIONS AT PEER-REVIEWED CONFERENCES

1. **Guo, S.** (2017). “Pros and cons of propensity score analysis: current debates”, Workshop conducted at the 21st Annual Conference of the Society of Social Work and Research, New Orleans, LA.
2. **Guo, S.** (2016). “Four guiding principles for quantitative research using advanced statistical methods”, Workshop conducted at the 20th Annual Conference of the Society of Social Work and Research, Washington, DC.
3. **Guo, S.** (2015). “Modeling treatment effect heterogeneity: recent advances using propensity scores”, Workshop conducted at the 19th Annual Conference of the Society of Social Work and Research, New Orleans, LA.
4. **Guo, S.** (2014). “Propensity score subclassification and its applications to social work research”, Workshop conducted at the 18th Annual Conference of the Society of Social Work and Research, San Antonio, TX.
5. **Guo, S., Fraser, M.** (2014). “Introduction to propensity score analysis”, Invited workshop conducted at the 18th Annual Conference of the Society of Social Work and Research, San Antonio, TX.
6. **Guo, S.** (organizer of the symposium), (2014). “The role quantitative research plays in shaping the science of social work”, Symposium conducted at the 18th Annual Conference of the Society of Social Work and Research, San Antonio, TX.
7. **Guo, S.** (2013). “Maximum likelihood estimator: the untold stories, caveats, and tips for application”, Workshop conducted at the 17th Annual Conference of the Society of Social Work and Research, San Diego, CA.
8. **Guo, S.** (2013). “Enabling propensity score analysis in structural equation modeling: advanced topics in causal inference”, Workshop conducted at the 17th Annual Conference of the Society of Social Work and Research, San Diego, CA.
9. **Guo, S.** (2012). “Correction of rater effects in longitudinal research with three innovative methods”, Workshop conducted at the 16th Annual Conference of the Society of Social Work and Research, Washington DC.
10. **Guo, S., Wu, Q.** (2012). “Endogeneity and approaches to its correction: Advanced topics in program evaluation”, Workshop conducted at the 16th Annual Conference of the Society of Social Work and Research, Washington DC.
11. **Guo, S.** (2011). “Design of observational studies and its applications to social work research”, Workshop conducted at the 15th Annual Conference of the Society of Social Work and Research, Tampa, FL.
12. **Guo, S.** (Symposium Organizer) (2011). “Applying propensity score analysis to challenging research questions concerning causality”, Symposium conducted at the 15th Annual Conference of the Society of Social Work and Research, Tampa, FL.

13. **Guo, S.** (2010). “Matching estimators and their applications to social work research”, Workshop conducted at the 14th Annual Conference of the Society of Social Work and Research, San Francisco, CA.
14. **Guo, S.** (2010). “Hidden selection bias and Rosenbaum’s approach of sensitivity analysis”, Workshop conducted at the 14th Annual Conference of the Society of Social Work and Research, San Francisco, CA.
15. **Guo, S.** (2009). “Heckman sample selection model and its applications to social work research”, Workshop conducted at the 13th Annual Conference of the Society of Social Work and Research, New Orleans, LA.
16. **Guo, S.** (2009). “Optimal propensity score matching and its applications to social work evaluations and research”, Workshop conducted at the 13th Annual Conference of the Society of Social Work and Research, New Orleans, LA.
17. **Guo, S.** (2008). “Advanced topics in program evaluation: Statistical approaches”, Workshop conducted at the 12th Annual Conference of the Society of Social Work and Research, Washington DC.
18. **Guo, S., Wildfire, J., & Green, R.** (2008). “Introduction to econometric time series models”, Workshop conducted at the 12th Annual Conference of the Society of Social Work and Research, Washington DC.
19. **Guo, S.** (2007). “Advanced topics in structural equation modeling (SEM): Identification and beyond”, Workshop conducted at the Eleventh Annual Conference of the Society of Social Work and Research, San Francisco, California.
20. **Guo, S., & Lee, C.K.** (2007). “Statistical power of SEM in social work research: Challenges and Strategies”, presentation made at the Eleventh Annual Conference of the Society of Social Work and Research, San Francisco, California.
21. **Guo, S.** (2006). “Power analysis for advanced statistics models”, Workshop conducted at the Tenth Annual Conference of the Society of Social Work and Research, San Antonio, Texas
22. **Guo, S. & Barth, R.** (2005) “Running propensity score matching with Stata/PSMATCH2”. Workshop conducted at the Ninth Annual Conference of the Society of Social Work and Research, Miami, Florida.
23. **Guo, S. & Wall, A.E.** (2005) “Analyzing survey data with complex sampling design and weights: Demonstration of running SUDAAN and Mplus”. Workshop conducted at the Ninth Annual Conference of the Society of Social Work and Research, Miami, Florida.
24. **Guo, S. & Barth, R.** (2005) “Assessing the impact of kinship foster care vis-à-vis foster care on children’s well-being”. Presentation to the symposium organized by Barth R. on “Findings from NSCAW: Applying innovative methods to understanding services and outcomes for maltreated children” at the Ninth Annual Conference of the Society of Social Work and Research, Miami, Florida.

25. **Guo, S.** (2004) “Four innovative applications of Hierarchical Linear Modeling (HLM)”. Workshop conducted at the Eighth Annual Conference of the Society of Social Work and Research, New Orleans, LA.
26. **Guo, S., Barth, R., & Gibbons, C.** (2004) “Introduction to propensity score matching: A new approach to program evaluation”. Workshop conducted at the Eighth Annual Conference of the Society of Social Work and Research, New Orleans, LA.
27. **Guo, S.** (2003) “Advanced topics in event history analysis – Unobserved heterogeneity and beyond”. Workshop conducted at the Seventh Annual Conference of the Society of Social Work and Research, Washington, DC.
28. Wells, K., **Guo, S.,** Shafran, R.D., & Pearlmutter, S. (2003). “Deterioration of child welfare families under conditions of welfare reform”. Invited presentation at the Joint Center for Poverty Research Conference sponsored by the University of Chicago and Northwestern University, Washington, DC.
<http://www.icpr.org/conferences/oldconferences/childwelfare.html>.
29. **Guo, S.,** Hussey, D. (2002) “Childhood poverty, intergenerational dependence on welfare and their relation to child academic achievement: A multi-level analysis of CDS-PSID”. Oral presentation to the Sixth Annual Conference of the Society of Social Work and Research, San Diego, California.
30. Nugent, W., & **Guo, S.** (2002) “The Generalizability theory and its application to social work research”. Workshop conducted at the Sixth Annual Conference of the Society of Social Work and Research, San Diego, California.
31. Wells, K., & **Guo, S.** (2001) “The impact of welfare reform on foster care and child welfare in Cuyahoga County, Ohio”. Oral presentation to the Annual Research Conference of the Association for Public Policy, Analysis & Management, Washington, D.C.
32. **Guo, S.** (2001) “Communicating complicated statistical findings to social work practitioners” Workshop conducted at the Fifth Annual Conference of the Society of Social Work and Research, Atlanta, Georgia.
33. **Guo, S.,** Hussey, D. (2000) “Nonprobability sampling in social work research: Dilemmas, consequences, and strategies”. Paper presented at the APM conference of CSWE, New York, New York.
34. **Guo, S.,** Hussey, D. (2000) “Advanced topics in event history analysis” Workshop conducted at the Fourth Annual Conference of the Society of Social Work and Research, Charleston, South Carolina.
35. **Guo, S.,** Wells, K. (2000) “Analysis of grouped event data: methodological problems and strategies for social welfare research” Paper presented at the Fourth Annual Conference of the Society of Social Work and Research, Charleston, South Carolina.

36. Wells, K., **Guo, S.** (2000) "Impact of welfare reform on foster care and child welfare in Cuyahoga County, Ohio" Paper presented at the Fourth Annual Conference of the Society of Social Work and Research, Charleston, South Carolina.
37. Hussey, D., **Guo, S.**, Shlegelmilch, A. (2000) "Behavioral change trajectories of preadolescent residential treatment children: An HLM analysis" Paper presented at the Fourth Annual Conference of the Society of Social Work and Research, Charleston, South Carolina.
38. **Guo, S.** (1999). "Data analytic strategies for time series and entry cohort data". Paper presented in the panel discussion of "The impact of welfare reform on child welfare" at the 39th annual workshop of National Association for Welfare Research and Statistics, Cleveland, Ohio.
39. **Guo, S.**, Miller, B., & Hussey, D. (1999) "Application of HLM to Social Work Research". Paper presented at the Third Annual Conference of the Society of Social Work and Research, Austin, Texas.
40. **Guo, S.** (1998) "Postcensal poverty estimates for small areas: model validation strategies". Paper presented at the 7th International Conference on Applied and Business Demography, Annapolis, Maryland.
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- Associate Editor of *Journal of Society for Social Work and Research*; Editorial Board Member of *Social Work Research*; External Review Board member of *Social Service Review*; Consulting Editor of *Children and Youth Services Review*.
- Reviewed papers for *Demography*, *Social Work Research*, *Journal of Applied Social Sciences*, *Journal of Health and Social Behavior*, *Journal of Community Practice*, and *Family Relations*.