

## Shuyan Sun, Ph.D.

Department of Psychology, University of Maryland, Baltimore County  
1000 Hilltop Circle, Baltimore MD 21250

Phone: (410)4553431 Email: [suns@umbc.edu](mailto:suns@umbc.edu) Lab: <https://quantitative.umbc.edu/>

---

### Education

06/2012	Ph.D. in Quantitative Research Methodology	University of Cincinnati
08/2008	M.A. in Educational Studies	University of Cincinnati
06/2004	B.A. in Philosophy	Beijing Normal University

### Professional Experience

07/2018 - Present	Tenured Associate Professor of Quantitative Methods Department of Psychology, University of Maryland, Baltimore County
08/2012 - 06/2018	Tenure-Track Assistant Professor of Quantitative Methods Department of Psychology, University of Maryland, Baltimore County

### Grants & Sponsored Research

01/2023 - 12/2027	Louis Stokes New STEM Pathways and Research Alliance: USM LSAMP, National Science Foundation, \$3M, PI: Philip Rous Role: Co-Principal Investigator
09/2022 – 08/2027	University of Maryland FIRST Program, National Institutes of Health, \$13M. PIs: Dr. James Kaper and Dr. William LaCourse Role: Evaluation Core Co-Lead
02/2022 – 11/2023	A Comparison of Simultaneous and Sequential Bilingualism in Children with Autism Spectrum Disorder. Organization for Autism Research. PI: Dr. Mirela Cengher Role: Co-Principal Investigator
08/2021 – 07/2023	Racial Discrimination, Identity, Socialization and Civic Engagement among Asian American Families during COVID-19. Russell Sage Foundation. PI: Dr. Charissa Cheah Role: Co-Principal Investigator
07/2019 - 06/2024	STEM BUILD 2.0 at UMBC, National Institutes of Health, \$20M, PI: Dr. Philip Rous (UMBC Provost). Role: Program Evaluator
08/2017 - 07/2020	Meta-Analysis of Effectiveness of Simulation and Adaptive Learning Systems in STEM Education, National Science Foundation, \$299,773 Role: Principal Investigator

- 07/2017 - 06/2020      Understanding Engagement in College Math and Science Courses: A Psychometric Study, Spencer Foundation, \$50,000  
Role: Principal Investigator
- 12/2016 - 11/2022      University System of Maryland LSAMP: 2016-2021, National Science Foundation, \$5M, PI: Dr. Freeman A. Hrabowski (UMBC President)  
Role: Co-Investigator & Lead Researcher
- 07/2014 - 06/2019      STEM BUILD at UMBC, National Institutes of Health, \$18M, PI: Dr. Philip Rous (UMBC Provost)  
Role: Program Evaluator
- 06/2013 - 08/2013      A Multilevel Approach to Second-Order Meta-Analysis, University of Maryland Baltimore Country Summer Faculty Fellowship, \$6000  
Role: Principal Investigator
- 07/2011- 06/2012      Doctoral Dissertation Research: Cross-Classified Multiple-Membership Modeling for Multilevel Nonnested Data, National Science Foundation, \$1500, PI & Faculty Advisor: Dr. Wei Pan  
Role: Co-Principal Investigator

## Refereed Publications

- Castillo, M. I., **Sun, S.**, Frank-Crawford, M. A., & Borrero, J. C. (2022). Save the best for last I: Young adults demonstrate negative time preference - A replication and extension. *Behavior Analysis: Research and Practice*. <https://doi.org/10.1037/bar0000246>
- Castillo, M. I., **Sun, S.**, Frank-Crawford, M. A., Rooker, G. W., & Borrero, J. C. (2022). Save the best for last II: Whether one saves the best for last depends on outcome category. *Behavior Analysis: Research and Practice*. <https://doi.org/10.1037/bar0000247>
- Sun, S.**, Else-Quest, N. M., Hodges, L. C., French, A. M., & Dowling, R. (2021). The effects of ALEKS on mathematics learning in K-12 and higher education: A meta-analysis. *Investigations in Mathematics Learning*. <https://doi.org/10.1080/19477503.2021.1926194>
- Zhu, L., **Sun, S.**, Topoleski, L. D., Eggleton, C. D., Ma, R., Madan, D. (2021). Evaluation of STEM engagement activities on the attitudes and perceptions of mechanical engineering s-stem scholars. *ASME Journal of Biomechanical Engineering*, 143(12), 121006 (1-7). doi: 10.1115/1.4051715
- Zhao, A., Guo, Y., **Sun, S.**, Lai, M. H.C., Breit, A., & Li, M. (2021). The contributions of language skills and comprehension monitoring to Chinese reading comprehension: A longitudinal investigation. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2021.625555>
- Gay, B., Sonnenschein, S., **Sun, S.**, & Baker, L. (2020). Poverty, parent involvement, and children's reading skills: Testing the compensatory effect of the amount of classroom reading instruction. *Early Education and Development*. <https://doi.org/10.1080/10409289.2020.1829292>

- Maldonado, A. I., Farzan-Kashani, J., **Sun, S.**, Pitts, S. C., Lorenzo, J. M., Barry, R. A., Murphy, C. M. (2020). Psychometric properties and factor analysis of a short form of the Multidimensional Measure of Emotional Abuse. *Journal of Interpersonal Violence*. doi:10.1177/0886260520957668
- Becraft, J., Borrero, J. C., **Sun, S.**, McKenzie, A. (2020). A Primer for Using Multilevel Models to Meta-Analyze Single Case Design Data with AB Phases. *Journal of Applied Behavior Analysis*. <https://doi.org/10.1002/jaba.698>
- Domingo, Mariano R. Sto, Sharp, S., Freeman, A., Freeman, Thomas, Jr., Harmon, K. M., Wiggs, M. M., Sathy, V., Panter, A. T., Oseguera, L., **Sun, S.**, Williams, M. E., Templeton, J., Folt, C. L., Barron, E. J., Hrabowski, Freeman A., III, Maton, K., Crimmins, M., Fisher, C. R., Summers, M. F. (2019). Replicating Meyerhoff for inclusive excellence in STEM. *Science*, 364(6438), 335-337. doi: 10.1126/science.aar5540
- Vu, K., Cheah, C., **Sun, S.**, Zhou, N., Xue, X. (2019). Adaptation and assessment of the Child Feeding Questionnaire for Chinese immigrant families of young children in the United States. *Child: Care, Health and Development*. <https://doi.org/10.1111/cch.12715>
- Seo, Y. J., **Sun, S.**, Cheah, C. (2019). Confirming the multidimensionality of psychological well-being among Korean immigrant mothers in the United States. *International Journal of Mental Health*. <https://doi.org/10.1080/00207411.2019.1578612>
- Ren, H., **Sun, S.**, Cheah, C. S. L., Sang, B., & Liu, J. (2018). Confirmatory factor analyses of the Parent Attributions Questionnaire among Asian immigrant mothers. *International Journal of Behavioral Development*. doi: 10.1177/0165025418798492
- Balkaya, M., Cheah, C. S. L., Yu, J., Hart, C. H., & **Sun, S.** (2018). The role of temperamental shyness and maternal encouragement of modesty in Chinese American children's social adjustment. *Social Development*. doi: 10.1111/sode.12295
- Guo, Y, **Sun, S.**, Puranik, C., & Breit-Smith, A. (2018). Profiles of emergent writing skills among preschool children. *Child & Youth Care Forum*, 47(3), 421-442. doi: <https://doi.org/10.1007/s10566-018-9438-1>
- Özdemir, S. B., **Sun, S.**, Korol, L., Özdemir, M., & Stattin, H. (2018). Adolescents' engagement in ethnic harassment: Prejudiced beliefs in social network and classroom ethnic composition. *Journal of Youth and Adolescence*. doi: 10.1007/s10964-017-0795-0
- Seo, Y. J., Cheah, C. S. L., Özdemir, S. B., Hart, C. H., Leung, C. Y., & **Sun, S.** (2017). The mediating role of Korean immigrant mothers' psychological well-being in the associations between social support and authoritarian parenting style. *Journal of Child and Family Studies*, 1-11. doi: 10.1007/s10826-017-0936-9
- Zhou, N., Cheah, C. S. L., Liu, J., Li, Y., & **Sun, S.** (2017). The role of maternal and child characteristics in Chinese Children's dietary intake across three groups. *Journal of Pediatric Psychology*. 1-10, doi: 10.1093/jpepsy/jsx131
- Andorko, ND., Mittal, V., Thompson, E., Denenny, D., Epstein, G., Demro, C., Wilson, C., **Sun, S.**, Klingaman, E., DeVlyder, J., Oh, H., Postolache, TT., Reeves, G., & Schiffman, J. (2017). The association between sleep dysfunction and psychosis-like experiences

- among college students. *Psychiatry Research*, 248, 6-12. Retrieved from <https://doi.org/10.1016/j.psychres.2016.12.009>
- Sonnenschein, S., & **Sun, S.** (2016). Racial/ethnic differences in kindergartners' reading and math skills: Parents' knowledge of children's development and home-based activities as mediators. *Infant and Child Development*. doi:10.1002/icd.2010
- Cheah, C. S. L., Yu, J., Hart, C. H., Özdemir, S. B., **Sun, S.**, Zhou, N., ... & Sunohara, M. (2016). Parenting hassles mediate predictors of Chinese and Korean immigrants' psychologically controlling parenting. *Journal of Applied Developmental Psychology*, 47, 13-22. Retrieved from <https://doi.org/10.1016/j.appdev.2016.09.005>
- Maton, K. I., Beason, T. S., Godsay, S., Domingo, M. S. R., Bailey, T. S., **Sun, S.**, & Hrabowski, III, F. A. (2016). Outcomes and processes in the Meyerhoff Scholars Program: STEM PhD completion, sense of community, perceived program benefit, science identity, and research self-efficacy. *CBE-Life Sciences Education*, 15, ar48. doi:10.1187/cbe.16-01-0062
- Yu, J., **Sun, S.**, & Cheah, C. S. L. (2016). Multitrait-multimethod analysis of the Strengths and Difficulties Questionnaire in Asian-American preschoolers. *Assessment*, 23, 603-613. doi:10.1177/1073191115586459
- Yu, W., Cheah, C. S. L., & **Sun, S.** (2015). The moderating role of English proficiency in the association between immigrant Chinese mothers' authoritative parenting and children's outcomes. *The Journal of Genetic Psychology: Research and Theory on Human Development*, 176, 272-279. doi:10.1080/00221325.2015.1022503.
- Guo, Y., **Sun, S.**, Breit-Smith, A., Morrison, F. J., & Connor, C. M. (2015). Behavioral engagement and reading achievement in elementary-school-age children: A longitudinal cross-lagged analysis. *Journal of Educational Psychology*, 107, 332-347. Retrieved from <http://dx.doi.org/10.1037/a0037638>
- Yu, J., Cheah, C. S. L., Hart, C., **Sun, S.**, & Olsen, J.A. (2015). Confirming the multidimensionality of psychologically controlling parenting among Chinese-American mothers: Love withdrawal, guilt induction, and shaming. *International Journal of Behavioral Development*, 39, 285-292. doi:10.1177/0165025414562238.
- Sun, S.** & Wang, S. (2015). The Children's Depression Inventory in worldwide child development research: A reliability generalization study. *Journal of Child and Family Studies*, 24, 2352-2363. doi:10.1007/s10826-014-0038-x
- Sun, S.** & Pan, W. (2014). A methodological review of statistical methods for handling multilevel nonnested longitudinal data in educational research. *International Journal of Research & Method in Education*, 37, 285-308. doi:10.1080/1743727X.2014.885012
- Hwu, F., Pan, W., & **Sun, S.** (2014). Aptitude-treatment interaction effects on explicit rule learning: A latent growth curve analysis. *Language Teaching Research*, 18, 294-319. doi:10.1177/1362168813510381
- Sun, S.** & Pan, W. (2013). Investigating the accuracy of three estimation methods for regression discontinuity design. *Journal of Experimental Education*, 81, 1-21. doi:10.1080/00220973.2012.678410

- Hwu, F., & Sun, S. (2012). The aptitude-treatment interaction effects on the learning of grammar rules. *System*, 40, 505-521. Retrieved from <https://doi.org/10.1016/j.system.2012.10.009>
- Sun, S. (2011). Meta-analysis of Cohen's Kappa. *Health Services and Outcomes Research Methodology*, 11, 145-163. doi:10.1007/s10742-011-0077-3
- Sun, S., & Pan, W. (2011). The philosophical foundations of prescriptive statements and statistical inference. *Educational Psychology Review*, 23, 207-220. doi:10.1007/s10648-011-9157-8
- Sun, S., Pan, W., & Wang, L. (2011). Rethinking observed power: Concept, practice and implications. *Methodology*, 7, 81-87. doi:10.1027/1614-2241/a000025
- Sun, S., Pan, W., & Wang, L. (2010). A comprehensive review of effect size reporting and interpreting practices in academic journals in education and psychology. *Journal of Educational Psychology*, 102, 989-1004. doi:10.1037/a0019507

### Conference Presentations

- Sun, S. & French, A. (2023, April). Does faculty support predict college seniors' intention to pursue science careers. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Sun, S. (2019, March). *Examining Method Effect in Self-Report Measures of Learning Engagement*. Poster presented at the 2019 International Convention of The Association for Psychological Science, Paris, France.
- Nguyen, T., & Sun, S., (2019, April). *Different dimensions and distinct profiles of engagement in college math courses*. Poster presented at the 2019 Biennial Meeting of The Society for Research in Child Development, Baltimore, MD.
- Nguyen, T., & Sun, S., (2019, May). Confirming and identifying dimensions of learning engagement to predict performance in college STEM courses. Poster presented at the 2019 Convention of Association for Psychological Science, Washington, DC.
- Sun, S., Dowling, R., French, A., Hodges, L., Else-Quest, N. (2019, April). *The effects of ALEKS on mathematics learning from K-12 to higher education: A meta-analysis*. Poster presented at the annual meeting of the American Educational Research Association, Toronto, Canada.
- Sun, S. (2018, July). *Dynamic relations between engagement and college science learning: A six-week intensive longitudinal study*. Poster presented at the 25th Biennial Meeting of the International Society for the Study of Behavioral Development, Gold Coast, Queensland, Australia.
- Sun, S., French, A., & Dowling, R. (2018, July). *A meta-analysis of the effectiveness of adaptive learning systems in K-12 and higher education*. Poster presented at the 25th Biennial Meeting of the International Society for the Study of Behavioral Development, Gold Coast, Queensland, Australia.
- Sun, S. (2017, April). An Investigation of Measurement Invariance across Gender, Ethnicity, and Income Groups. Poster presented at the Biennial Meeting of the Society of Research in Child Development, Austin, TX.

- Sun, S.** & Trinh, M-H. (2017, April). The utility of Omega if Item Deleted in scale development. Poster presented at the Biennial Meeting of the Society of Research in Child Development, Austin, TX.
- Mendres-Smith, A. E., Borrero, J. C., Castillo, M. I., Davis, B. J., Becraft, J. L., **Sun, S.**, & Hussey-Gardner, B. (2016, December). The American Academy of Pediatrics' safe sleep and tummy time recommendations, two decades later: Examination of parents' and expectant parents' awareness of the recommendations and evaluation of a new, educational video. Poster presented at the Maryland Association for Behavior Analysis Conference, Baltimore, MD.
- Sun, S.** (2016, July). *The Validity of Engagement as a Multidimensional Construct: Evidence from the U.S. ECLS-K Study*. Poster presented at the 24th Biennial Meeting of the International Society for the Study of Behavioral Development, Vilnius, Lithuania.
- Sun, S.** (2016, July). *Sample Size Guidelines for Evaluating Treatment Effect in Intensive Longitudinal Studies*. Poster presented at the 24th Biennial Meeting of the International Society for the Study of Behavioral Development, Vilnius, Lithuania.
- Sonnenschein, S., **Sun, S.**, Galindo, C., & Dowling, R. (2016, July). *Racial/Ethnic Gaps in U.S. Children's Math Skills in Elementary School*. Poster to be presented at the 24th Biennial Meeting of the International Society for the Study of Behavioral Development, Vilnius, Lithuania.
- Yu, J., & **Sun, S.** (2016, April). Multilevel modeling of individual and familial factors associated with children's growth in self-regulation. Paper presented at the annual meeting of the American Educational Research Association, Washington, DC.
- Dowling, R. Sonnenschein, S., **Sun, S.**, & Baker, L. (2016, April). Advancing low-income english language learners vocabulary in preschool. Paper presented at the annual meeting of the American Educational Research Association, Washington, DC.
- Castillo, M. I., **Sun, S.**, Borrero, J. C. (2015, December). *Sampling error based on number of trials in acquisition research*. Poster presented at the 18th Annual Meeting of the Maryland Association for Behavior Analysis International, Baltimore, MD.
- Sun, S.**, Sonnenschein, S., & Dowling, R. (2015, March). *Predictors of child engagement in shared book reading: The role of parental Talk*. Poster presented at the Biennial Meeting of the Society of Research in Child Development, Philadelphia, PA.
- Simons, C., Sonnenschein, S., & **Sun, S.** (2015, March). *The home learning environment and achievement: Self-regulation and executive function as mediators*. Poster presented at the Biennial Meeting of the Society of Research in Child Development, Philadelphia, PA.
- Sonnenschein, S., **Sun, S.**, Simons, C., & Thompson, J.A. (2014, November). *Associations between parents' country of birth, race/ethnicity, parenting practices, and children's early academic skills*. Proposal submitted to the Special Topic Meeting of the Society of Research in Child Development: New Conceptualizations in the Study of Parenting-At-Risk, San Diego, California.
- Sun, S.** & Yu, J. (2014, September). *The effect of age on development: A methodological review of meta-analyses*. Poster presented at the Special Topic Meeting of the Society of Research in Child Development: Developmental Methodology, San Diego, CA.

- Yu, J., **Sun, S.**, & Cheah, C. (2014, September). *Psychometric properties of the Strengths and Difficulties Questionnaire in Asian-American Preschoolers*. Poster presented at the Special Topic Meeting of the Society of Research in Child Development: Developmental Methodology, San Diego, CA.
- Yu, J., Cheah, C., **Sun, S.**, & Craig, H. (2014, September). *Sociable and Non-sociable Profiles of Chinese-American Children and Associated Temperamental and Parenting Characteristics*. Poster presented at the Special Topic Meeting of the Society of Research in Child Development: Developmental Methodology, San Diego, CA.
- Sun, S.** & Yu, J. (2014, July). *Does harsh parenting cause low self-regulation in Chinese American preschoolers? A propensity score matching analysis*. Poster presented at the 23rd Biennial Meeting of the International Society for the Study of Behavioral Development, Shanghai, China.
- Sun, S.**, Sonnenschein, S., Simons, C., & Thompson, J.A. (2014, July). The immigrant paradox: Associations between Latino kindergartners' reading and mathematics skills, parents' knowledge of children's development and home-based practices. Poster presented at the 23rd Biennial Meeting of the International Society for the Study of Behavioral Development, Shanghai, China.
- Yu, J., **Sun, S.**, Cheah, C.S. L., & Pitts, S. C. (2014, July). Differential growth trajectories of self-control among White, Black, Hispanic, and Asian children in the U.S.: A multi-group latent growth model. Poster to be presented at the 23rd Biennial Meeting of the International Society for the Study of Behavioral Development, Shanghai, China.
- Sonnenschein, S., & **Sun, S.** (2014, April). *Kindergartners' Reading Skills in 1998 and 2011: Closing the Gap?* Poster presented at the special topic meeting of the Society of Research in Child Development, Alexandria, VA.
- Sonnenschein, S., **Sun, S.**, Thompson, J. A., & Simons, C. (2014, April). *Racial/ethnic differences in kindergartners' reading and math skills: Associations with parents' knowledge and home-based practices*. Poster presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Cheah, C.S.L., Yu, J., Ozdemir, S. B., Zhou, N, **Sun, S.**, Watanabe, M. Lim, H. J., & Hart, C. (2013, April). An ecological model predicting psychological control in Chinese versus Korean U.S. immigrant mothers. Poster presented at Society of Research in Child Development, Seattle, Washington.
- Sun, S.**, & Pan, W. (2013, April). *Are children's social skills measured invariantly over time by teacher ratings? A preliminary investigation using the ECLS-K data*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Sun, S.**, & Wang, S. (2013, April). *The Children's Depression Inventory in child development research: A reliability generalization study*. Paper accepted to present at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Guo, Y., Breit-Smith, A., **Sun, S.**, Biales, C. (2013, Dec). *The relationship between the quality of parent-child book reading and children's retelling skills*. Paper presented at the annual conference of the Literacy Research Association, Dallas, TX.

- Sun, S.**, & Pan, W. (2012, April). *The estimation performance of cross-classified multiple membership modeling and consequence of model misspecification*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.
- Sun, S.**, & Pan, W. (2012, April). *The consequence of ignoring student mobility in multilevel modeling of achievement growth*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.
- Sun, S.** (2011, July). *Iterative MIMIC for DIF detection in polytomous items with small samples and many DIF items*. Paper presented at the 76th Annual and the 17th International Meeting of the Psychometric Society, Hong Kong, China.
- Sun, S.** (2011, April). *Parameter recovery and class enumeration under misspecified growth mixture Models*. Paper presented at Division D Graduate Student 2011 In-Progress Research Gala, the annual meeting of the American Educational Research Association, New Orleans, LA.
- Sun, S.**, & Pan, W. (2011, April). *Investigating the accuracy of three estimation methods for regression discontinuity design*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Sun, S.**, Pan, W., & Breit-Smith, A. (2011, April). *Modeling individual trajectories and group transition in early reading development: An autoregressive latent trajectory analysis*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Wang, L., & **Sun, S.** (2011, April). *Disattenuation of negative bias in effect size and power estimation due to fallible measurement*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Wang, L., & **Sun, S.** (2011, April). *Multi-faceted Rasch modeling of rater-mediated evaluation data for dichotomous classification decisions*. Paper presented at the annual meeting of National Council on Measurement in Education, New Orleans, LA.
- Xu, Y., Shambley-Ebron, D., & **Sun, S.** (2011, March). *Understanding diabetes self-management: Chinese American and family members' perspectives*. Paper presented at annual research conference of Midwest Nursing Research Society, Columbus, OH.
- Xu, Y., Shambley-Ebron, D., & **Sun, S.** (2010, September). *Chinese-American views of diabetes self-management*. Paper presented at 2010 Conference of State of the Science Congress on Nursing Research, Washington, DC.
- Wang, L., & **Sun, S.** (2010, July). *Effect of modeling rater bias on dichotomous outcome measurement and inter-rater reliability in personnel evaluation*. Paper presented at the 75th Annual and the 16th International Meeting of the Psychometric Society, Athens, GA, United States.
- Wang, L., & **Sun, S.** (2010, July). *Impact and robustness of many-facet Rasch modeling of complex performance data adjusting for rater bias in dichotomous outcomes*. Paper presented at the IV European Congress of Methodology 2010 Conference, Potsdam, Germany.



- Sun, S.**, & Pan, W. (2010, April). *Extending reliability generalization to Cohen's  $\kappa$* . Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Profitt, A., **Sun, S.**, & Schlaak, J. (2010, April). *Do first-year experience programs increase persistence? A meta-analysis*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Hwu, F., Pan, W., & **Sun, S.** (2010, April). *Effects of foreign language aptitudes on the learning of grammar rules under two explicit learning conditions: A latent growth curve analysis*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Wang, L., & **Sun, S.** (2009, July). *Disattenuation of correlations due to fallible measurement in meta-analysis: A critique on the debate over "voodoo" correlations in social neuroscience*. Paper presented at the 74th Annual and the 15th International Meeting of the Psychometric Society, Cambridge, UK.
- Sun, S.**, Pan, W., & Wang, L. (2009, April). *Rethinking observed power: Concept, practice and implications*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Sun, S.**, & Pan, W. (2008, March). *A comprehensive review of effect size reporting and interpreting practices in academic journals in education and psychology*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

## Teaching

2012 - Present	PSYC 311 Research Methods in Psychology I PSYC 312 Research Methods in Psychology II PSYC 331 Experimental Psychology: Design and Analysis I PSYC 332 Experimental Psychology: Design and Analysis II  PSYC 611 Data Analytic Procedure I PSYC 711 Data Analytic Procedure II PSYC 715 Measurement of Behavior PSYC 717 Structural Equation Modeling
----------------	--

## Service to the Profession

2015 - 2017	American Educational Research Association Division D: Measurement and Research Methodology Outstanding Quantitative Dissertation Committee Member
2011- Present	Reviewer for 20 scholarly journals in social and behavioral research
2010 - 2016	Proposal reviewer for American Educational Research Association Annual Conferences

## **Service to the University and Department**

2022 - 2025	Chair, Asian and Asian American Faculty and Staff Council, University of Maryland, Baltimore County
2022 - 2023	Chair, Faculty Senate Honors and Awards Committee, University of Maryland, Baltimore County
2021	Contract Renewal Committee – Karrie Godwin
2021	Contract Renewal Committee - Adithyan Rajaraman
2021	Contract Renewal Committee - Mirela Cengher.
2021	Search Committee – Assistant Professor of Community Psychology
2020	Tenure and Promotion Committee - Laura Rose
2019	Contract Renewal Committee - Tasneem Khambaty
2017 - 2022	Faculty Senate Honors and Awards Committee, University of Maryland, Baltimore County
2017 - 2022	Asian and Asian American Faculty and Staff Council, University of Maryland, Baltimore County
2015 - 2017	University of Maryland, Baltimore County Graduate Research Conference Reviewer
2015 - 2017	University of Maryland, Baltimore County McNair Scholars Program Research Proposal Reviewer
2013 - 2021	Undergraduate Committee, Department of Psychology, University of Maryland, Baltimore County
2012 - Present	Graduate Faculty, Applied Developmental Psychology Ph.D. program Department of Psychology, University of Maryland, Baltimore County

## **Honors & Awards**

2018	The International Society for the Study of Behavioural Development Early Career Travel Award
2018	Society of Research in Child Development Teaching Institute Travel Award
2016	The International Society for the Study of Behavioural Development Early Career Travel Award
2012	University of Cincinnati College of Education, Criminal Justice, and Human Services Outstanding Graduate Student Award
2011	Psychometric Society Travel Award for the 76th Annual and the 17th International Meeting of the Psychometric Society
2011	AERA Division D Graduate Student 2011 In-Progress Research Gala 2nd Place
2011	AERA Educational Statistician SIG 2011 Best Student Paper Award Honorable Mention