LI-TING CHEN, Ph.D.

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Assistant Professor
Department of Educational Studies
College of Education & Human Development
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EDUCATION

Ph.D. Indiana University Bloomington 2013
Majors: Educational Psychology and Inquiry Methodology

M.S. National Taiwan University, Taipei, Taiwan 2003
Major: Psychology

B.S. National Chengchi University, Taipei, Taiwan 2001
Major: Psychology

ACADEMIC APPOINTMENTS

Assistant Professor, College of Education & Human Development, University of Nevada, Reno, July 2016 – present

Research Associate, Collaborative Research Initiative, Indiana University Bloomington, 2014 – June 2016

Adjunct Instructor, School of Education, Indiana University Bloomington, 2013 – 2014

Research Assistant, School of Education, Indiana University Bloomington, 2012 – 2013

Associate Instructor, School of Education, Indiana University Bloomington, 2006 – 2012

Researcher, the Committee of the Basic Competence Test for Junior High School Students, National Taiwan Normal University, Taipei, Taiwan, 2005

Research Associate, Department of Educational Psychology and Counseling, National Taiwan Normal University, Taipei, Taiwan, 2004 – 2005

Research Associate, Graduate Institute of Behavioral Sciences, Chang Gung University, Taipei, Taiwan, 2003 – 2004

Research Assistant, Institute of Health Policy and Management, National Taiwan University, Taipei, Taiwan, 2001–2003

PUBLICATIONS

Refereed Articles (** indicates equal authorship, * indicates students)

Chen, L.-T., Liu, L., & Tretheway, P.* (2021). Using multilayer videos for remote learning: Videos of session guidance, content instruction, and activity. *Computers in the Schools*, *38*(4), 322-353. https://doi.org/10.1080/07380569.2021.1989220 (CiteScore: 2.1)

Liu, L., **Chen, L.-T.**, & Pugh, K.[*] (2021). Online teaching and learning under COVID-19: Challenges and opportunities. *Computers in the Schools*, *38*(4), 249-255. https://doi.org/10.1080/07380569.2021.1989244 (CiteScore: 2.1)

Peng, C.-Y. J. & **Chen, L.-T.**[**] (2021). Assessing intervention effects in the presence of missing scores. *Education Sciences*, *11*(2), Article 76. https://doi.org/10.3390/educsci11020076 (CiteScore: 2.1)

Chen, L.-T. & Liu, L. (2021). Methods to analyze Likert-type data in educational technology research. *Journal of Educational Technology Development and Exchange*, *13*(2), 39-60. https://doi.org/10.18785/jetde.1302.04

Liu, L., **Chen, L.-T**., & Li, W.[*] (2020/2021). Influential factors on technology-based learning in science, mathematics, and engineering (SME): A case-analysis from 305 studies. *International Journal of Technology in Teaching and Learning*, *16*(2), 106-128.

Chen, L.-T., Ding, Q.-W.[*], Hsieh, C.-Y.[*], Chen, Y.-K.[*], Chiang, Y.-S.[*], Huang, S.-C. , Yang, T.-R.[*], Cheng, C.[*], Liou, P.-Y., & Peng, C.-Y. J. (2020). Effect size reporting practices in Taiwanese psychology and education journals: Review and beyond. *Chinese Journal of Psychology*, *62*(4), 553-592. https://doi.org/10.6129/CJP.202009_62(4).0006 (An international refereed journal sponsored by the Taiwanese Psychological Association)

Chen, L.-T. & Hsu, Y.-W. (2020). Socio-ecological predictors of frequent bike share trips: Do purposes matter? *International Journal of Environmental Research and Public Health*, *17*(20), Article 7640. https://doi.org/10.3390/ijerph17207640 (Impact factor: 3.390)

Chen, L.-T., & Liu, L. (2020). Social presence in multidimensional online discussion: The roles of group size and requirements for discussions. *Computers in the Schools*, *37*(2), 116-140. https://doi.org/10.1080/07380569.2020.1756648 (CiteScore: 2.1)

Chen, L.-T., Feng, Y.[*], Wu, P.-J., & Peng, C.-Y. J. (2019). Dealing with missing data by EM in single-case studies. *Behavior Research Methods*, *52*, 131-150. https://doi.org/10.3758/s13428-019-01210-8 (Impact factor: 6.242)

Chen, L.-T. & Liu, L. (2019). Content analysis of statistical power in educational technology research: Sample size matters. *International Journal of Technology in Teaching and Learning*, *15*(1), 49-75.

Chen, L.-T., Wu, P.-J., & Peng, C.-Y. J. (2019). Accounting for baseline trends in intervention studies: Methods, effect sizes, and software. *Cogent Psychology*, *6*(1), Article 1679941. https://doi.org/10.1080/23311908.2019.1679941 (Impact factor: 1.05)

Liu, L., **Chen, L.-T.**, & Li, W.[*] (2019). Social media in dynamic learning: Logistics and influential factors. *Journal of Educational Technology Development and Exchange*, *12*(1), 33-57. https://doi.org/10.18785/jetde.1201.03

Chen, L.-T. & Liu, L. (2018). Instructor's self-assessment of content design in online courses. *International Journal of Technology in Teaching and Learning*, *14*(1), 24-41.

Liu, L., & **Chen, L.-T.** (2018). Conducting synchronous assessment through web videoconference to improve online learning: Case outcomes with nonparametric analysis. *Journal of Educational Technology Development and Exchange*, *11*(1), 45-64. https://doi.org/10.18785/jetde.1101.04

Peng, C.-Y. J., & **Chen, L.-T**. (2018). Handling missing data in single-case studies. *Journal of Modern Applied Statistical Methods, 17*(1), Article 5. https://doi.org/10.22237/jmasm/1525133280 (SJR H-index: 25)

Howland, A. A., **Chen, L.-T.**, Chen, M.-E.*, & Min, M.* (2017). Exploring socio-demographics, mobility, and living arrangement as risk factors for academic performance among children experiencing homeless. *Preventing School Failure: Alternative Education for Children and Youth*, *61*(4), 268-279. https://doi.org/10.1080/1045988X.2016.1272541 (CiteScore: 1.4)

Chen, L.-T., & Peng, C.-Y. J. (2015). The sensitivity of three methods to nonnormality and unequal variances in interval estimation of effect sizes. *Behavior Research Methods, 47*(1), 107-126. https://doi.org/10.3758/s13428-014-0461-3 (Impact factor: 6.242)

Chen, L.-T., Peng, C.-Y. J., & Chen, M.-E.* (2015). Computing tools for implementing standards for single-case designs. *Behavior Modification*, *39*(6), 835-869. https://doi.org/10.1177/0145445515603706 (Impact factor: 3.368)

Peng, C.-Y. J., & **Chen, L.-T**. (2015). Algorithms for assessing intervention effects in single-case studies. *Journal of Modern Applied Statistical Methods*, *14*(1), 276-307. https://doi.org/10.22237/jmasm/1430454060 (SJR H-index: 25)

Peng, C.-Y. J., & **Chen, L.-T.** (2014). Beyond Cohen's *d*: Alternative effect size measures for between-subject designs. *The Journal of Experimental Education*, *82*(1), 22-50. https://doi.org/10.1080/00220973.2012.745471 (Impact factor: 2.623)

Chen, L.-T., & Peng, C.-Y. J. (2013). Constructing confidence intervals for effect sizes in ANOVA designs. *Journal of Modern Applied Statistical Methods*, *12*(2), 82-104. https://doi.org/10.22237/jmasm/1383278640 (SJR H-index: 25)

Peng, C.-Y. J., **Chen, L.-T.**, Chiang, H.-M., & Chiang, Y.-C. (2013). The impact of APA and AERA guidelines on effect size reporting. *Educational Psychology Review*, *25*,157-209. https://doi.org/10.1007/s10648-013-9218-2 (Impact factor: 8.705)

Lee, S.-H. T., Yen, L.-L., & **Chen, L.-T.** (2004). Children's problem behaviors, inter-parental conflict and maternal psychological distress. *Journal of Medical Sciences, 24*, 185-190. (SJR H-index: 17)

Special Issue Guest Editor

Chen, L.-T., Liu, L., & Pugh, K. (2021). Technology's challenge in K-12 and higher education: Dealing with a World Wide Pandemic [Special Issue]. *Computers in the Schools*, *38*(4).

Book Chapter

Warren, D. C., & **Chen, L.-T.** (2013). The Relationship between public service motivation and performance. In E. Ringquist (Ed.), *Meta-analysis for public management and policy* (pp. 442-474). New York, NY: Wiley/Josey-Bass.

PEER-REVIEWED PRESENTATIONS

(* indicates students)

Chen, L.-T., & Liu, L. (2021, March-April). *A combination of robust course Design, timely feedback, and flexibility for dealing with emergency situations*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education (online).

Liu, L., & **Chen, L.-T**. (2021, March-April). *Problem solving based assessment with synchronous interactive activities for online students' statistics learning*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education (online).

Chen, L.-T., & Liu, L. (2020, April). *Levels of interaction in online discussion: Case study of an online research methodology course*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education (online).

Chen, L.-T., & Liu, L. (2020, April). *Current research practice in information technology and teacher education: Quantitative design and effect size.* Paper presented at the annual meeting of Society for Information Technology and Teacher Education (online).

Liu, L., & **Chen, L.-T**. (2020, April). *Preparing teacher education students to assess technology-integrated teaching and learning.* Paper presented at the annual meeting of Society for Information Technology and Teacher Education (online).

Chen, L.-T., & Liu, L. (2019, March). *Suggested methods of effect size estimation for research in information technology and teacher education*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education, Las Vegas, NV.

Liu, L., **Chen, L.-T**., Li, W.[*], Hanselman, K.[*], & Zou, C.[*] (2019, March). *Online assessment of instructional videos: Using web conference and a content analysis tool*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education, Las Vegas, NV.

Chen, L.-T., Feng, Y.[*], Wu, P.-J., & Peng, C.-Y. J. (2018, April). *Dealing with missing data by EM in single-case studies*. Paper presented at the annual meeting of American Educational Research Association, New York, NY.

Peng, C.-Y. J., & **Chen, L.-T**. (2018, April). *Tau-U revisited: Can Tau-U combine nonoverlap with trend?* Paper presented at the annual meeting of American Educational Research Association, New York, NY.

Liu, L., **Chen, L.-T**., Li, W.[*], Zou, C.[*], & Pugh, K.[*] (2018, March). *Conducting web conferences to verify student identify and assess learning outcomes in online courses*. Paper presented at the annual meeting of Society for Information Technology and Teacher Education, Washington, DC.

Chen, L.-T., Andrade, A.[*], & Hanauer, M. J.[*] (2017, April). *Applying Bayesian statistics for estimating intervention effects in single-case designs.* Paper presented at the annual meeting of American Educational Research Association, San Antonio, TX.

Chen, L.-T., Howland, A. A., & Wu, P.-J. (2016, October). *Using propensity scores for estimating the effectiveness of mental health consultation enhancements in an evidenced-based home visiting program when the inclusion of an important covariate dominates the results of propensity*. Paper presented at the annual meeting of American Evaluation Association, Atlanta, GA.

Howland, A. A., Chen, M.-E.[*], Cornell, H. R.[*], & **Chen, L.-T.** (2016, April). *Goodwill Guides wrap-around enhancement for families participating in a home visiting program.* Paper presented at the annual meeting of American Educational Research Association, Washington, DC.

Chen, L.-T., Howland, A. A., Cornell, H. R.[*], & Anderson, J. A. (2015, April). *An exploratory study of program dropout in an* evidence-*based home visiting program*. Paper presented at the annual meeting of American Educational Research Association, Chicago.

Chen, M.-E.[*], Howland, A. A., Anderson, J. A., **Chen, L.-T.,** & Cornell, H. R[*]. (2015, April). *Propensity score matching and its application*. Paper presented at the annual meeting of American Educational Research Association, Chicago.

Chen, L.-T., & Peng, C.-Y. J. (2012, April). *Confidence interval estimations for standardized linear contrasts of means: The one-way fixed-effects between-subjects univariate cases*. Paper presented at the annual meeting of American Educational Research Association, Vancouver, British Columbia, Canada.

Chen, L.-T., & Peng, C.-Y. J. (2012, April). *Multiple imputation for confidence interval estimations for standardized linear contrasts of means: The one-way fixed-effects between-subjects univariate cases*. Poster presented at the annual meeting of American Educational Research Association, Vancouver, British Columbia, Canada.

Peng, C.-Y. J., & **Chen, L.-T.** (2011, April). *A taxonomy/typology of effect sizes indices for two-population differences*. Paper presented at the annual meeting of American Educational Research Association, New Orleans.

Carpenter, L., Alexander, J. M., & **Chen, L.-T.** (2011, March). *Mothers' scaffolding styles when discussing ethical dilemmas with their children*. Poster presented at the biennial meeting of Society for Research in Child Development, Montréal, Quebec, Canada.

Chen, L.-T., Alexander, J. M., & Johnson, K. E. (2007, March). *The effects of domain knowledge, intelligence, and metaconceptual knowledge on children's strategy use*. Poster presented at the biennial meeting of Society for Research in Child Development, Boston.

Chao, C.-C., Wu, Y.-Y., Tu, C.-C., **Chen, L.-T.**, Chang, H.-Y., & Onn, Y.-T. (2004). *Intervention study for child survivors of 1999 Taiwan earthquake*. Poster presented at the 112th annual convention of American Psychological Association, Honolulu.

Chao, C.-C., Wu, Y.-Y., Lee, L.-W., Tu, C.-C., Chang, H.-Y., & **Chen, L.-T.** (2003). *Children and disaster: A preliminary report of a school-based intervention program for child survivors of 1999 Taiwan earthquake*. Poster presented at the 3rd Congress of Asia Society for Child and Adolescent Psychiatry and Allied Professions, Taipei, Taiwan.

Lee, S.-H. T., **Chen, L.-T.,** & Yen, L.-L. (2003). *The relation between parenting behavior and fourth graders' internalizing behavior problems*. Poster presented at the 42nd annual convention of Taiwanese Psychological Association, Tainan, Taiwan.

Lee, S.-H. T., & **Chen, L.-T.** (2002). *The design and reliability of a children social anxiety scale*. Poster presented at the 110th annual convention of American Psychological Association, Chicago.

GRANTS AND SPONSORED RESEARCH

Submitted Grants

Chen, L.-T., & Liu, L. (January, 2022). "Advanced Quantitative Methods for Content Analysis: Doctoral Students Mentoring Program," Sponsored by AERA Education Research Service Projects (ERSP), $4,995.24.

Chu, P., **Chen, L.-T.**, Dascalu, S. M., Liu, L., Yang Y., Huhta, A., & Mohanty, M. K. (October, 2021). "Impact of Utilizing Immersive Virtual Reality and Dynamic Assessment on Mining Engineering Education from the Community of Inquiry Perspective," Sponsored by NSF Research on Emerging Technologies for Teaching and Learning (RETTL), Federal, $849,689.

Park, S.-Y., **Chen, L.-T.**, Clements-Nolle, K. D., Yun, G. W., Dahir, V. (June, 2021). "Marijuana message exposure, health knowledge, law knowledge, and confidence in knowledge as risk and protective factors of emerging adults' marijuana use," Sponsored by NIH Notice of Special Interest: Public Health Research on Cannabis, $328,260.89.

Awarded Grants

Chen, L.-T. (2021). "Integrating Immersive Virtual Reality into Existing Learning Settings to Maximize Learning Outcome," Technology Funds Sponsored by College of Education & Human Development, University of Nevada, Reno, $1,897.99.

Chen, L.-T. & Liu, L. (2020). "Using Multilayer Videos to Facilitate K-12 Hybrid/fully Online Teaching and Learning," Scholarly Activities Funds Sponsored by College of Education & Human Development, University of Nevada, Reno, $493.75.

Hsu, Y.-W., & **Chen, L.-T.** (2019). "Facilitators and Barriers of Bikeshare Usage for Health Promotion at the Micro and Macro Levels," New Scholarly Endeavor Grant Sponsored by Research & Innovation, University of Nevada, Reno, $2,500.

Chen, L.-T., & Liu, L. (2019). "Using IRT to Deal with Data Collected from Likert-Scale Questionnaires," Technology Funds Sponsored by College of Education, University of Nevada, Reno, $745.

Chen, L.-T. (2018). "Missing Data in Single-Case Research: Current Reporting Practices and Solutions," Scholarly Activities Funds Sponsored by College of Education, University of Nevada, Reno, $2,000.

Dockweiler, K. A., Gutierrez, M., Diamond, L. L., & **Chen, L.-T.** (2018). "Project Healthy Minds: A Multi-Tiered System of Support for Social Emotional and Behavioral Functioning," Sponsored by the Rogers Foundation Gift of Assurance, $25,000.

Not Awarded Grants

Chu, P., **Chen, L.-T.**, Dascalu, S. M., Liu, L., Yang Y., Huhta, A., & Mohanty, M. K. (January, 2021). "Impact of Utilizing Immersive Virtual Reality and Dynamic Assessment on Mining Engineering Education from the Community of Inquiry Perspective," Sponsored by NSF Research on Emerging Technologies for Teaching and Learning (RETTL), Federal, $848,913.

Chen, L.-T., & Liu, L. (2020). "Preparing Rural Communities for Hybrid-Flexible Teaching: Using ADDIE Model for Course Design and Educational Video Creation," Sponsored by Spencer Foundation – Research Grants on Education: COVID-19 Related Special Grant, $42,760.

Chen, L.-T., & de los Santos, E. X. (2020). "Opportunities, Difficulties, and Perceptions of Technology Integration from Teachers' and Parents' Perspectives with Coronavirus Pandemic," Technology Funds Sponsored by College of Education, University of Nevada, Reno, $3,708.

de los Santos, E. X., & **Chen, L.-T.** (2020). "Using Empirical Evidence of Student Learning to Support the Development of Biology Teachers' Science Assessment Literacy," New Scholarly Endeavor Grant Sponsored by Research & Innovation, University of Nevada, Reno, $2,500.

Liu, L., **Chen, L.-T.,** & Zhu, X. (2017). "IGE: Biomedical Engineering and STEM Education Doctoral Research Collaboration," Sponsored by NSF Research Traineeship (NRT), Federal, $377,325.

COURSES TAUGHT

University of Nevada, Reno

EDRS 640 Educational Measurements and Statistics (asynchronous online and face-to-face)

EDRS 700 Introduction to Educational Research (asynchronous online and face-to-face)
EDRS 745 Advanced Research Design (face-to-face)
EDRS 771 Advanced Educational Measurement (face-to-face)

Indiana University Bloomington
P 501 Statistical Methods Applied to Education (face-to-face)
Y 502 Intermediate Statistics Applied to Education (face-to-face)

DOCTORAL STUDENT COMMITTEES

Chair
Anne Mutiga, Information Technology in Education (In progress)
Hayaa Alhazani, Information Technology in Education (In progress)

Member
Brian P. Luckey, Information Technology in Education (In progress)
Dacia Randolph, Information Technology in Education (In progress)
Jeremiah Stark, Information Technology in Education (In progress)
Amanda Morrissey, Speech Pathology (In progress)
Stephanie King, Speech Pathology (In progress)
Archana Kumar, STEM (In progress)
Roberta Siracuse, Counseling (In progress)
Karen Pugh, Information Technology in Education (In progress)
Ping Wang, Information Technology in Education (In progress)
Jeffery Weinert, Information Technology in Education (In progress)
Kathy Hanselman, Information Technology in Education (2021)
Kimberly Hopkinson, Educational Leadership (2021)
Jessica Koltz, Counseling (2021)
Kelli Moore, Counseling (2020)
Kathy Goldsworthy (DNP), Nursing (2019)
Bethany Sheridan, Counseling (2019)
Mona Martinez, Counseling (2019)
Tricia Woodliff, Counseling (2018)

MASTER'S STUDENT COMMITTEES

Thesis Committee Member
Sam Dyer, Kinesiology (In progress)
Maria Reyes-Vargas, Human Development & Family Studies (2021)
Arjun Vettath Gopinath, Computer Science & Engineering (2021)
Sara Johnson, Human Development & Family Studies (2020)
Luyueh Chuang, Computer Science & Engineering (2020)

Project Committee Member
Laura Michelle Wilson, Elementary Education (In progress)
Sean Bryant, Secondary Education (2019)
Cun Li, Secondary Education (2019)
Robben Williams, Secondary Education (2018)
Kalyn Dodge, Secondary Education (2018)

Advisory Committee Member
Cecilia Wilson, Counseling (In progress)
Meg Mckinney, Counseling (In progress)
Kathryn Padmos, Counseling (In progress)
Georgina G Montejano, Counseling (In progress)
Raven Tipton, Counseling (In progress)
Paris Smallwood, Counseling (In progress)
Leslie Parnell, Counseling (In progress)
Nicole Riley, Counseling (In progress)
Jeremy Ruiz, Educational Leadership (In progress)
Desiree Chavez, Educational Leadership (In progress)
Patricia Wilson-Everett, Counseling (2021)
Cynthia Woodburn, Counseling (2021)
Haley Evans, Equity and Diversity in Education (2021)
Melody Mehrabi, Equity & Diversity in Education Settings (2021)
Jessica Lindsey, Human Development & Family Studies (2021)
Shelby Peterson, Human Development & Family Studies (2021)
Elizabeth Miller, Human Development & Family Studies (2021)
Paige Schanbacher, Counseling (2021)
Grettel Martinez, Counseling (2021)
Allison Ibsen, Educational Leadership (2020)
Manuel Ortiz, Educational Leadership (2020)
Marissa Arnold, Educational Leadership (2020)
Kathryn Butler, Educational Leadership (2020)
Katherine Paul, Educational Leadership (2019)
Shannon Earl, Educational Leadership (2019)
Aliya Tursunova, Educational Leadership (2019)
Shu-Ting Lin, Music (2018)

ACADEMIC HONORS

The School of Education Dissertation of the Year Award at Indiana University Bloomington	2014
Indiana University Office of International Services Scholarship	2012
The Trentham Travel Award at Indiana University Bloomington	2011
Richard C. Pugh Research Methodology Fellowship at Indiana University Bloomington	2010
The Trentham Travel Award at Indiana University Bloomington	2007

PROFESSIONAL ORGANIZATION MEMBERSHIPS

American Educational Research Association, Division D − Measurement and Research Methodology	2011 – present
American Educational Research Association, Division H − Research, Evaluation, and Assessment in Schools	2014 – present
American Educational Research Association, SIG-Educational Statisticians	2011 – present

American Evaluation Association 2015 – present

American Psychological Association, Division 5 − Quantitative and Qualitative Methods 2015 – present

Society for Information Technology and Teacher Education 2019 – present

PROFESSIONAL SERVICE

Editorial Activities

Statistics Editor of *Journal of Child and Family Studies* 2020 – present

Editorial Board of *Computers in the Schools* 2017 – present

Reviewing Activities

Reviewer of *International Journal of Human-Computer Interaction* 2020 – present

Reviewer of *Behavior Research Methods* 2019

Reviewer of *The Journal of Experimental Education* 2013, 2018, 2019

Reviewer of the Proposals for Global Conference on Education and Research (GLOCER) 2017

Reviewer of the *BMC Public Health* 2016

Reviewer of the Proposals for the American Evaluation Association Quantitative Methods TIG 2016

Reviewer of *Journal of Child and Family Studies* 2016 – present

Book Proposal Reviewer of University of California Press 2015

Reviewer of *PSICOLOGICA: International Journal of Methodology and Experimental Psychology* 2015

Reviewer of AERA Division D Graduate Student In-progress Research Gala 2015

Reviewer of *British Journal of Mathematical and Statistical Psychology* 2014

Reviewer of *International Journal of Behavioral Development* 2013

OTHER SERVICE

University Service

Member, ad hoc Student Course and Faculty Teaching Evaluation Committee (2021 – Present).

Member, University Technology Council (2018 – Present).

Member, University Faculty Activities Reporting Committee (2019).

College Service

Member, Conceptual Framework Taskforce of College of Education & Human Development (2021).

Member, Advisory Council of College of Education & Human Development (2020).

Member, Diversity Committee of College of Education & Human Development (2019 – present).

Co-chair, Diversity Committee of College of Education & Human Development (2019 – 2020, 2021– present).

Member, Research & Grant Committee of College of Education & Human Development (2018 – present).

Member, Doctoral Committee of College of Education (2017 – 2018).

Member, Graduate Assistantship Workgroup of College of Education (2017).

Member, Faculty Senate of College of Education (2016 – 2018).

PROFESSIONAL DEVELOPMENT

Funded Professional Development

Institute of Education Sciences Summer Research Training Institute: Single-Case Intervention Design and Analysis. Madison, WI. Funded for accommodation — June 2019

ICPSR Summer Program Workshop: Digging into the National Survey of Early Care and Education (NSECE): Exploiting the Potential of the Household and Provider Data from the NSECE. Ann Arbor, MI. Funded for travel stipend — June 2015

Other Professional Development

2-day Mentoring Mentors Workshop at University of Nevada, Reno. — Sep. 30-Oct. 1, 2021

AERA-ICPSR PEERS Data Hub Workshop: Cutting-edge Quantitative and Computational Methods for STEM Education Research. Online — February 2021

SAS Professor Workshop - SAS Visual Data Mining and Machine Learning on SAS Viya: Interactive Machine Learning. San Diego, CA. — January 2019

SAS Professor Workshop - Supervised Machine Learning Procedures Using SAS Viya in SAS Studio. San Diego, CA. — January 2019

SAS Professor Workshop - Applied Analytics Using SAS Enterprise Miner Workshop. San Diego, CA. — January 2018

SAS Professor Workshop - Survival Data Mining Using SAS Enterprise Miner Software Workshop. San Diego, CA. — January 2018

Conscious Discipline Summer Institute (CD1). Orlando, FL. — June 2015

Improvement Science Workshop at Carnegie Foundation for Advancement of Teaching. Stanford, CA. — November 2014

Writing Winning Grants Workshop. Indianapolis, IN. — September 2014

Scientific Writing from Reader's Perspective. Indianapolis, IN. — July 2014

PROGRAMMING AND SOFTWARE EXPEREINCE

SPSS, SAS, R, UCINET, LISREL, EQS, HLM, MPlus, BILOG-MG, MULTILOG