Curriculum Vitae

Li Cao

Office Address
Department of Educational Technology & Foundations   Phone: 678-839-6118
College of Education, University of West Georgia   Fax: 678-839-6097
1601 Maple Street   Email: lcao@westga.edu
Carrollton, GA, USA, 30118

Academic Achievement

Ph.D. Educational Psychology   McGill University, Canada   2001
Dissertation title: *Professors' Post-Class Reflection: A Case Study*

M.Ed. Curriculum and Instruction   Queen's University, Canada   1995
Thesis: *Changing Chinese higher curriculum from an information-oriented to a process-oriented pattern: An exploratory analysis*

M.A.   English Literature & Language   Sichuan University, China   1991
Thesis: *Influences of the Beat Generation Literature on American Culture*

B.A.   English Literature & Language,   Chongqing Jianzhu University, China   1982

Teaching Experience

Professor   University of West Georgia
Educational Technology & Foundations Department
Carrollton, Georgia
Fall 2013-Present

Associate Professor   University of West Georgia
Educational Technology & Foundations Department
Carrollton, Georgia
Fall 2007-2013

Assistant Professor   University of West Georgia
Counseling & Educational Psychology Department
Carrollton, Georgia
Fall 2001-2007

Assistant Professor   St. Mary's University of Minnesota
Doctor of Education in Leadership Program
Minneapolis, Minnesota
Fall 2000-2001

Course Taught	CEPD 2101 Developmental Psychology
	CEPD 2102 Childhood Development
	EDUC 2130 Exploring Learning & Teaching
	UTCH 3001 Knowing & Learning in Math & Science
	CEPD 4101 Educational Psychology
	ECED 4285/SPED 4785 Special Topics: Education in China
	CEPD 6101 Psychology of Classroom Learning
	CEPD 7152 Counseling Research & Program Evaluation
	MEDT 8484 Research Seminar I
	EDSI 9962 Qualitative Research Method
	EDSI 9998 Research for Doctoral Dissertation

Service to Institution & and Community

Committee Service (Fall 2001--present)

National Committee

Eastern Educational Research Association, Best Research Award Committee, 2015
American Educational Research Association, Division C Graduate Student Research Excellence Award Committee, Co-Chair, 2013, Chair, 2014
American Psychological Association, Division 15 Publications Committee, Multimedia Editorial Board Member, (2013, 2014)

State Committee

Content Advisory Committee, Georgia Professional Standard Commission, 2005, 2011
Georgia Assessments for the Certification of Educators (GACE), 2007

University Committees

Post-Tenure Appeal Review Committee, 2024-present
Asian Studies Minor Program Committee, 2017-present
Office of Education Abroad Search Committee, 2016
Faculty Advisory Committee to Provost 2014, 2015
Search Committee for Director of Center of Teaching and Learning, 2013
UTeach Faculty Advisory Committee, 2011-2013
Student Affairs Committee, 2011-2013
Senate Committee V (Student Life), 2010
Post-Tenure Review Committee, 2009-2010
5-Star Online Course Review Committee, 2009
University of West Georgia Faculty Senator, 2002-2005
Technology Planning Committee, 2002-2005

College of Education Committees

College of Education Promotion and Tenure Committee, on behalf of the Department of Special Education, 2024
College of Education Promotion and Tenure Committee, on behalf of the Department of Special Education, 2023 (Chair)

College of Education Promotion and Tenure Committee, 2022
College of Education Promotion and Tenure Committee, on behalf of the Department of Sport Management, Wellness, and Physical Education, 2018, 2019
Doctor of School Improvement Advisory Committee, 2011-2017
Seed Grant Selection Task Force, 2014
TechHUB-Teaching Material Center Advisory Committee, 2011-2014
Research Task Force, 2011-2012
Post-tenure Review Committee, 2008-2011
Graduate Programs Advisory Committee, 2011
Distance Learning Committee, 2001-2005, 2006-2010
Seed Grant Selection Committee, 2007
Research Method Council, 2007
Panel Member of Mentoring Committee Workshop, 2007
Assessment Advisory Committee, 2004-2005
Website Committee, 2001-2002
Celebration of Scholarship Committee, 2001-2002

Educational Technology & Foundations Department Committees
Instructional Technology Faculty Search Committee, 2022
Pre-Tenure Review Committee for Dr. Ye Chen, 2022
Pre-Tenure Review Committee for Dr. Logan Arrington, 2021
Leadership Team, 2017-2021
Department Chair Review Committee for Dr. Lara Willox, 2020
Pre-Tenure Review Committee for Drs. Melanie Lewis (chair), Angela Branyon, Sungwoong Lee, 2020
Tenure and Promotion Committee for Dr. Adriana D'Alba, 2017
Pre-Tenure Review Committee for Dr. Kim Huett (chair) and Dr. Adriana D'Alba, 2016
Promotion and Tenure Committee for the Department of Leadership, Research, and School Improvement, 2016
Educational Psychology Committee, 2011-present
Promotion and Tenure Committee, 2011, 2015-present
Tenure and Promotion Committee for Dr. Yun-Jo An, 2013
Research Faculty Search Committee, 2012
Pre-Tenure Review Committee for Dr. An & Dr. Yang, 2012
Educational Psychology Faculty Search Committee, Chair, 2010-2011
Post-Tenure Review Committee, 2011

Counseling & Educational Psychology Department Committees
Assessment Committee Chair, 2003-2010
Assessment Committee, 2001-2002
Educational Psychology Committees, 2001-2002, 2006-2010
Curriculum Committee, 2005-2010
Tenured Faculty Committee, 2009
CACREP Self-Study Committee, 2007
F Area Curriculum, 2006-2007
Student Review Committee, 2003-2005

Advising Experience

Doctoral Dissertation Committee, School Improvement 2004-06, 2009-10, 2014-2015
Doctoral Dissertation Committee, Professional Counselling & Supervision, 2010, 2011
Doctoral Dissertation Committee, School Improvement Chair, 2006-2009, 2012
College of Education Distance Mentor, 2005-2007, 2008
Ed.S. Oral Committee, in Counselling and Professional Guidance, 2007
M.Ed. Comprehensive Exam, Curriculum and Instruction Department, 2003-2004, 2006
M.Ed. Oral Exam, Media and Instructional Technology Department, 2004, 2007, 2011
M.Ed. Portfolio Review, Early Childhood Education and Intervention, 2010-present,

Participation in Professional Development Activities

University of California, San Francisco: Mastering National Surveillance System Design, February 27, 2025
Pearson Webinar -- AI Study Tool in select eTexts for Teacher Education, Counseling, and Communication Sciences, March 24, 2025

Adobe Digital Literacy Café Event: Generative AI Essential Skills and Student Learning Outcomes, Feb. 27, 2024
Adobe Digital Literacy Café Event: Designing and Assessing Generative AI Student Projects Mar. 27, 2024
NVivo 12, Lumivero Virtual Conference, Sept. 27-28, 2023
Simplify the Future of Qualitative Research with AI, Sept. 18, 2023
EchoExperience 2023 Virtual global community conference, June 20-21, 2023
Leveling Up to Fusion 360 Confirmation, May 8, 2023
CHERA-Assessment and feedback redesign in ChatGPT times, March 16, 2023
Peer Observation of Teaching by Dr. Ye Chen of CEPD 4101-E01 Educational Psychology, Spring 2023 (evaluation summary available upon request)
Peer Observation of Teaching to Dr. Ye Chen's MEDT 7458-E01 Instructional Multimedia Design and Development, Spring 2023 (evaluation summary available upon request)
Certificate, A Gentle Introduction to Machine Learning, Annual Meeting of the International Society for Data Science and Analysis, June 2, 2022
The Qualitative Report 13th Annual Conference "Research "For a Change": Time to Evoke, Provoke, and Invoke" Virtual Conference January 19 - 21, 2022.
Measuring educational opportunity in every community in America: Introduction to the Stanford Education Data Archive (SEDA), AERA ICPSR PEERs Data Hub Workshop https://edopportunity.org/get-the-data/ March 9, 2021.
Workshop on Learning Analytics -- A LASER Focus on Understanding and Improving STEM Education, AERA-ICPSR-PEERS, August 11, 2021.
Webinar -- Controversies in the Contemporary Studies of Motivation in Education Confirmation, American Psychological Association, October 29, 2021.
Webinar -- Controversies in the Contemporary Studies of Motivation in Education Confirmation, American Psychological Association, October 29, 2021.
Measuring Teaching at a Global Scale—Policy Perspectives on the Findings from the Global Teaching InSights Video Study: aera.net/GlobalTeachingInSights. AERA-OECD

Forum of American Educational Research Association and the Organisation of Economic Co-Operation and Development, November 24, 2020.
Peer Evaluation of Teaching to Dr. Thomas Peterson's EDUC 2110-03 Investigating Critical and Contemporary Issues in Education of Spring 2020
Recommendation to support the nomination of UWGLive for the Regents' Momentum Year Award for Excellence in Teaching and Curricular Innovation for UWG, Nov. 2018
Peer Evaluation of Teaching to Dr. Young Suh's SPMG 3662-E01 Management and Leadership in Sport of Fall 2018
American Evaluation Association Summer Evaluation Institute, Atlanta, June 17-20, 2018
Supporting letter for Dr. Ihor Pidhainy's Promotion and Tenure and Promotion to Associate Professor of History, 2018
Supporting letter for Dr. Li Yang's Promotion to Full Professor of Computer Science 2017
Supporting letter for Dr. Ihor Pidhainy's Pre-Tenure Review, History, 2016
Peer Evaluation of Teaching to Dr. Barbara Kawulich's EDSI 9962-N01 Qualitative Research of Spring 2014
Faculty Development Workshop the Department of Educational Technology and Foundations, February 11, 2013
7th Annual UTeach Institute Conference, Austin, TX, May, 2013
Guest lecture at doctoral seminar on Metacognitive Monitoring for ECI 709 Metacognition & Learning of NC State University, October 17, Raleigh, NC, 2012
6th Annual UTeach Institute-NMSI Conference, Austin, TX, June, 2012
UTeach Knowing & Learning in Math & Science Workshop, Tallahassee, FL May, 2012
Desire 2 Learn Summer Transfer (1102) Cohort, 2012
UWG Online Cohort (Instructional Design Certificate), 2011, 2012
7th Annual Conference on Dyslexia and SLD, New Delhi, India, 2011
iApollo Series, 2009-2010
Workshop Toolbox, 2009
Faculty Intensive Training, 2008, 2009,
Online Mentor-Mentee Professional Development, 2005-2007, 2009-2010

Editorial Positions

Advisory Board Member	*Editorial Board Member: Educational Support journal 2021-present*
	Annual Editions: Educational Psychology (10/11, 11/12, 12/13) McGraw-Hill, 2010-2013, 2015
	Educational Psychology Houghton Mifflin, 2007
	Qualitative Report, 2004-2009
Focus Group Panel Member	*eText System Dynamic Child* (Frank Manis), Pearson, 2016
	eText Focus Group, Pearson, 2013
	Educational psychology (Bohlin-Druwin-Reese), Sage 2013
	Educational psychology, Cengage, 2012
	Educational psychology (Moreno), Wiley, 2008-2009
	Educational psychology, Wiley, 2007
	A Primer in Pioneering Educational Theories, Allyn & Bacon, 2009-2010

Textbook Reviewer	*Educational Psychology* (Wininger et al.), Sage, 2023 *Let Nature Be Your Teacher: Integrating Nature-Based Learning in the Elementary Classroom– Book Proposal Review,* Rowman & Littlefield, 2020 *Educational Psychology's Response to Transformational Experiences in the Classroom –Edited Book Proposal Review,* Routledge, 2019 *Self-Efficacy in Instructional Technology Contexts*, Springer, 2017 *Educational psychology*, Allyn & Bacon, Houghton-Mifflin, Prentice Hall, McGraw-Hill, & Wadsworth, 2002-2015
Journal Reviewer	*The Internet and Higher Education, 2024, 2025* *Educational Psychology, 2022* *Metacognition and Learning, 2020* *Asia Pacific Journal of Education, 2019* *Learning and Individual Differences, 2014, 2018* *Educational Psychology, 2015, 2016, 2017* *Current Issues in Education, 2004, 2008, 2009, 2016* *Studies in Higher Education, 2014* *Instruction and Learning, 2012* *Teaching & Teacher Education, 2011* *Educational Research and Evaluation, 2006, 2009, 2010* *Journal of Computer Assisted Learning, 2007*
Grant Reviewer	Public Charter Schools Grant Programs for the Florida Department of Education 2010, 2011, 2012 School Improvement Grant Proposals for the Florida Department of Education 2011 Florida's 21st CCLC for the Florida Department of Education 2007

Participation in Community Activities and Service

- *Promoting Maker-Centered Instruction Through Virtual Classroom Activities,* presentation at 9th Annual Innovations in Pedagogy Conference, Carrollton, GA, May 18, 2022
- *Bringing makerspace to online learners: Prepare teachers for maker education*, presentation at IT Forum 2021, College of Education, UWG, October 2, 2021
- Bus Dream Hands-on STEM Activities of the COE Innovations Lab and Mobile Innovations Lab at local schools and communities, 2019 - present
- The 1st SWU International Immersion Program, Southwest University, China, July 2019
- External Reviewer of the Tenure and Promotion Committee of the Reading, Foundations, and Technology Department at Missouri State University, August-September, 2018

- Member of the invited international collaborators at the Affiliated Group Meetings of Modeling and Measuring Competencies in Higher Education – Validation and Methodological Innovations (KoKoHs) of AERA, New York, April 13, 2018
- Advisor to visiting scholar, Dr. Guoming Wang of Southwest University, China, August 2017 - January 2018.
- Member of the invited international collaborators at the Affiliated Group Meetings of Modeling and Measuring Competencies in Higher Education – Validation and Methodological Innovations (KoKoHs) of AERA, San Antonio, Texas, April 28, 2017
- Discussant, UWG Fall Book Discussion–Center for Diversity and Inclusion, Dec. 1, 2017
- Chair of the Educational Software and Videos session at the 9th International Conference on Education and New Learning Technologies, Barcelona, Spain, 3rd-5th, July 2017.
- Advisor to visiting scholar, Dr. Lin Yao of Southwest University, China, January - December 2016.
- Focus Group Member of Dynamic Child by Frank Manis, Pearson Publications, Oct. 2016
- Member of the invited international collaborators at the Affiliated Group Meetings of Modeling and Measuring Competencies in Higher Education – Validation and Methodological Innovations (KoKoHs) of AERA, Washington DC, April 10, 2016
- Advisor to visiting scholar, Dr. Zhengqing Wang of Southwest University, China, September 2015 – August 2016.
- Member of the invited international expert panel at the Affiliated Group Meetings of Modeling and Measuring Competencies in Higher Education (KoKoHs) of AERA, Chicago, IL, April 18, 2015
- Video Analysis Tool Pilot for Teacher Education, Pearson Publications, Oct.-Nov. 2014
- Member of the invited international expert panel at the Affiliated Group Meetings of Modeling and Measuring Competencies in Higher Education (KoKoHs) of AERA, Philadelphia, PA, April 4, 2014
- Member of the invited international expert panel on the International Colloquium for Young Researchers, Johannes Gutenberg University, Mainz, Germany, Nov. 14-16, 2013
- Improving Motivation, Performance and Attitudes of Children and Teachers (IMPACT) Program Summer Camp Evaluation, Boys & Girls Club Carrollton, GA 2012
- Effects of the IMPACT Program Summer Camp on UTeach Students' Desire to Pursue a Career in Education, Boys & Girls Club Carrollton, GA 2012
- Item Analysis: How to tell if a test item is working? Training session presented at Faculty Intensive Training Workshop, UWG, August 27, 2010
- Winning Strides Program: Effects of Equine Assisted Learning Activities on the Improvement of Coping Skills in Elementary Students, Hightower Trail Elementary School, Conyers, GA 2009
- Science for Youths: Gaining Interest, A Science Research Project, Kedron Elementary School, Peachtree City, GA 2009
- External Examiner of a Ph.D. dissertation, McGill University Montreal, Canada, 2008
- Guest Speaker at the Doctoral Seminar, North Carolina State University, 2006, 2007
- Featured Speaker to the Doctoral Saturday Seminar, UWG, 2004, 2005, 2006
- Evaluation of the New Century Laptop Computer Program at Sharp Creek Elementary School Carroll County, GA, 2004-2005

Honors and Grants

Award
2015   Distinguished Paper Award from the American Educational Research Association
        Distinguished Paper Award the Eastern Educational Research Association
2014   Best of the West Award for Strategic Imperative in Academic Affairs, UWG
2012   Outstanding Research Award, College of Education, University of West Georgia
2009   Distinguished Paper Award from the American Institute of Higher Education
        Apollo Award Excellence in Distance Teaching, Training, and Mentorship UWG
2006   Professional Accomplishments Award University of West Georgia
        Distinguished Paper Award the American Educational Research Association
        Distinguished Paper Award the Eastern Educational Research Association
2005   Distinguished Paper Award the American Educational Research Association
        Distinguished Paper Award the Eastern Educational Research Association

Grant
2022   Member of the Bus Dreams Research Team: *Providing Innovative Learning Opportunities to Rural Learners in the West Georgia Region.* $9,900 grant proposal submitted to Community Impact Grant.
2021   Member of the Bus Dream Research Team: *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia.* $397,959.80 grant proposal submitted to Spencer Foundation, not funded.
        Member of the Innovations Lab: *Combating Summer Slide: Bringing Innovative Activities to Haralson County and Heard County.* $6200. Funded by Community Foundation Grant.
2020   Member of the Bus Dream Research Team: *Building Capacity for 21st Century Skills through a Research-Practice Partnership in Rural Georgia.* $393,130.00 grant proposal submitted to Spencer Foundation, not funded.
        Member of the Bus Dream Research Team: *Using Failure to Advance Instruction and Learning (UFAIL) in Middle School STEM.* $456,895.00 grant proposal submitted to the NSF K-12 Discovery Research Program (DRK12), Not funded.
        Member of the Innovations Lab: *Combating Summer Slide: Bringing Innovative Activities to Heard County.* $5400 grant proposal submitted to Community Foundation Grant.
2019   Member of the Bus Dream Research Team: The 21st Century Naturalist: A research-practice collaboration. $74,810 grant proposal submitted to Spencer Foundation, not founded.
        Member of the Bus Dream Research Team: Creating an Active Learning Center in the College of Education's Innovations Lab. $67,000 grant proposal submitted to Steelcase Education, not founded.
2018   Member of Research Team: Bring STREAM to Low-Income, Rural Communities to Build Capacity for 21st Century Skills. $68,229.29 grant proposal submitted to American Honda Foundation, not founded.
2015   Director of Study Abroad in China Program: An International Initiative. $5,000 Requested and funded by COE Dean's Office, College of Education.
2014   Director of Study Abroad in China Program: An International Initiative. $4,800 Requested and funded by COE Dean's Office, College of Education.

2014   Co-Principal Investigator: The effectiveness of technology-enhanced tools in students' understanding of ERD (Entity-Relationship Diagram) to relational schema mapping (Renewal). $4,380. Funded by Office of UWise (University of West Georgia Institutional STEM Excellence) Mini-grant Program (FY15)-BOR STEM II Grant.

2014   Director of Study Abroad in China Program: An International Initiative. $4,325 Requested and funded by COE Dean's Office, College of Education.

2013   Co-Principal Investigator: Influence of Alternative Teacher Training Program on Undergraduate STEM Majors' Epistemological Beliefs Related to the Teaching and Learning of Mathematics. $6,470 President's Development Award grant proposal submitted to Office of Research and Sponsored Projects, UWG, not funded.

2013   Member of Research Team: Classroom Assessment in Mathematics and Science Education (CAMSE). $7,000 grant proposal submitted to UWise (University of West Georgia Institutional STEM Excellence) Mini-grant Program (2013-2014), not funded.

2013   Co-Principal Investigator: Validation of Multicultural Teaching Competence Inventory (MTC). Requested $9,494.22, awarded $ 6,151. Funded by the Office of Research and Sponsored Projects, UWG.

2012   Co-Principal Investigator: Developing and Validating a Scale to Assess Pre-Service Teachers' Multicultural Teaching Competence (MTC). $10,000 grant proposal submitted to College of Education Seed Grant Program, not funded.

2011   Team Member: *UWG UTEACH.* $1,300,000 grant funded by Georgia's Race to the Top Initiative (2011-2015). http://www.westga.edu/uteach/index_694.php

2009   Team Member: *The Effect of Equine Assisted Learning Activities on the Improvement of Coping Skills in Elementary Students.* $50,000 grant proposal submitted to the Horses and Humans Research Foundation, not funded.

2006   Funding of all expenses to attend the Workshop on Quasi-Experimental Design and Analysis in Education conducted by Dr. Thomas Cook and Dr. William Shadish Jr. at Northwestern University, March 27-31. Funded by the Spencer Foundation.

2006   Principal Investigator: *Promoting Learning through Interactive Online Activities: Examining Effects of the RICG Model for Designing Blended Classes.* Requested / awarded $750 and a laptop computer. Funded by the VPAA Office of UWG

2005   Principal Investigator: *Promoting Students' Self-Regulated Study Skills in Educational Psychology.* Requested $4,400, awarded $2,880. Funded by College of Education Seed Grant at UWG

2003   Principal Investigator: *Linking Teacher Preparation Program at UWG to Effective Practice in Schools: Using Authentic Assessment Methods to Promote Student Teachers' Effective Teaching.* Requested and awarded $1,000 Funded by P-16/STEP Grant at UWG Principal Investigator: *Using WebCT to Facilitate Student Learning*: Requested and awarded a Dell Laptop computer by the VPAA Office of UWG

2002   Principal Investigator: *Incorporating WebCT as Instructional and Research Tool in Teacher Education.* Requested and awarded $3,000 Funded by PT3 Grant at UWG

Professional Affiliations

Membership and Offices in Professional Societies
American Educational Research Association, 1999-present
American Evaluation Association, 2018

American Psychological Association, 2011-2016
Eastern Educational Research Association, 2002-2012, 2014
Association for Psychological Science, 2009-2010
European Educational Research Association, 2006-2007

Publications

Refereed Articles

Cao, L., & Mindrila, D. (in Review). Latent profiles of achievement goal orientation in online learning: Multiple-goal pursuit and academic achievement. *British Journal of Educational Psychology*.

Chen, Y., & Cao, L. (in Review). Flow to Learn: Exploring the flow of online learners in maker-centered learning. *Journal of Computer Assisted learning.*

Huang, L., Sun, J., Li, L., & Cao, L. (2025). Is household poverty alleviation associated with early childhood development? Evidence from Southwest China. *Early Childhood Research Quarterly, 74, 69-78.* https://doi.org/10.1016/j.ecresq.2025.08.007

Chen, Y., & Cao, L. (2024). Does prior teaching experience matter in maker-teacher professional development? Novice and veteran K-12 teachers' knowledge, attitudes, and design of maker lessons. *Journal of Digital Learning in Teacher Education, 40(2), 115-138.* https://doi.org/10.1080/21532974.2024.2345055

Chen, Y., Cao, L., & Zhang, Y. (2022). Teachers as makers: How K-12 teachers design 3D making lessons for classroom teaching. *Education and Information Technologies*. https://doi.org/10.1007/s10639-022-11475-w

Mindrila, D., & Cao, L. (2022). Latent profiles of online self-regulated learning: Relationships with predicted and final course grades. *International Review of Research in Open and Distributed Learning, 23*(3), 212-239. https://www.irrodl.org/index.php/irrodl/article/view/5946/5720

Chen, Y., Cao, L., Guo, L., & Cheng, J. (2022). Driving is believing: Using telepresence robots to access makerspace for teachers in rural areas. *British Journal of Educational Technology*, *53*, 1956-1975. https://doi.org/10.1111/bjet.13225

Chen, Y., & Cao, L. (2022). Promoting maker-centered instruction through virtual professional development activities for K-12 teachers in low-income rural areas. *British Journal of Educational Technology*, *53,* 1025-1048. https://doi.org/10.1111/bjet.13183

Peng, A., Li, M., Lin, L., Cao, L., & Cai, J. (2022). Problem posing and its relationship with teaching experience of elementary school mathematics teachers from ethnic minority areas in southwest China. *Eurasia Journal of Mathematics, Science and Technology Education, 18*(1), em2076. https://doi.org/10.29333/ejmste/11534

Peng, A., & Cao, L. (2021). How Chinese teach mathematics: Canadian teachers' perspective**.** *Frontiers of Education in China, 16*(1), 31-59. https://doi.org/10.1007/s11516-021-0002-7

Spencer, D., Nietfeld, J. L., Cao, L., & Difrancesca, D. (2021). Exploring the interplay between student attributions and metacognitive monitoring skills in a post-secondary classroom environment. *The Journal of Experimental Education, https://*doi.org/10.1080/00220973.2021.1897773

Peng, A., Cao, L., & Bo, Y. (2020). Reciprocal learning in mathematics problem posing and problem solving: An interactive study between Canadian and Chinese elementary school

students. *Eurasia Journal of Mathematics, Science and Technology Education, 16*(12), doi: https://doi.org/10.29333/ejmste/9130

An, Y., & Cao, L. (2017). Examining the characteristics of digital learning games designed by in-service teachers. *International Journal of Game-Based Learning, (7)*4, doi: 10.4018/IJGBL.2017100104

An, Y., & Cao, L. (2017). The effects of game design experience on teachers' attitudes and perceptions regarding the use of digital games in the classroom. *TechTrends, 61*(2), 162-170. doi:10.1007/s11528-016-0122-8

Yang, L., & Cao, L. (2016). The effect of MySQL Workbench in teaching Entity-Relationship diagram (ERD) to relational schema mapping. *International Journal of Modern Education and Computer Science*, *8*(7), 1-12. DOI: 10.5815/ijmecs.2016.07.01

DiFrancesca, D., Nietfeld, J. L., & Cao, L. (2015). A comparison of high and low achieving students on self-regulated learning variables. *Learning and Individual Differences*. DOI: 10.1016/j.lindif.2015.11.010

An, Y., & Cao, L. (2014). Examining the effects of metacognitive scaffolding on students' design problem solving in an online environment. *MERLOT Journal of Online Learning and Teaching. 10*(4), 552-568.

Yang, Y., & Cao, L. (2013). Differential influences of achievement approach goals and intrinsic/extrinsic motivation on help-seeking in e-learning. *Knowledge Management & E-Learning: An International Journal, 5*(2), 153-169.

Cao, L., Charlesworth, J., & Wojcik, R. (2012). School counseling students' perceptions of their practicum experiences and sites. *Tennessee Counselors Association Journal, 5*(1), 21-38.

Cao, L. (2012). Differences in procrastination and motivation between undergraduate and graduate students. *Journal of the Scholarship of Teaching and Learning, 12*(2), 39-64. http://josotl.indiana.edu/article/view/2018/1980

Cao, L. (2012). Examining 'active' procrastination from a self-regulated learning perspective, *Educational Psychology: An International Journal of Experimental Educational Psychology, 34*(4), 515-545. http://dx.doi.org/10.1080/01443410.2012.663722

Chibbaro, J., & Cao, L. (2008). Exploring perceptions of advocacy of professional school counselors and school counselors-in-training. *Georgia School Counseling Association Journal, 1*(1), 38-45.

Cao, L., & Nietfeld, J. L. (2007). Examining Relationships between Achievement Goals, Study Strategy, and Class Performance in Educational Psychology. *Teaching Educational Psychology, 2*(1), 1-20.

Cao, L., & Nietfeld, J. L. (2007). College students' metacognitive awareness of difficulties in learning the class content does not automatically lead to adjustment of study strategies. *Australian Journal of Educational and Developmental Psychology, 7,* 31-46.

Nietfeld, J. L., Cao, L., & Osborne, J. W. (2006). The effect of distributed monitoring exercises and feedback on performance, monitoring accuracy, and self-efficacy. *Metacognition and Learning, 1*(2), 159-179.

Nietfeld, J. L., Cao, L., & Osborne, J. W. (2005). Metacognitive monitoring accuracy and student performance in the postsecondary classroom. *The Journal of Experimental Education, 73*(1), 7-28.

Cao, L., & Nietfeld, L. J. (2005). Judgment of learning, self monitoring, and student performance in the classroom context. *Current Issues of Education 8*(4). Available at: http://cie.ed.asu.edu/volume8/number4/

Nietfeld, J., & Cao, L. (2003). Examining instructional strategies that promote pre-service teachers' personal teaching efficacy. *Current Issues in Education, 6*(11). Available at: http://cie.ed.asu.edu/volume6/number11/

Book Chapter

Yang, Y., & Cao, L. (2018). The Role of Learner Self-Efficacy in Online Test Anxiety and Help-Seeking. In Charles Hodges (Ed.). *Self-efficacy in Instructional Technology Contexts (pp. 35-56)*, Springer.

Cao, L. (2014). Comment on - Useful Strategies in Dealing with Primary Scientific Literature: An Expert-Novice Comparison (KOSWO). In C. Kuhn, M. Toepper, & O. Zlatkin-Troitschanskaia (Eds.). *Current International State and Future Perspectives on Competence Assessment in Higher Education: Report from the KoKoHs Affiliated Group Meeting at the AERA Conference on April 4, 2014 in Philadelphia, USA,* (KoKoHs Working Papers, 6, pp. 66-69). Berlin & Mainz: Humboldt University & Johannes Gutenberg University.

Cao, L., & Braun, E. (2014). Addressing Ecological Validity in Modeling and Measuring Competencies in Higher Education (KoKoHs). In C. Kuhn, M. Toepper, & O. Zlatkin-Troitschanskaia (Eds.). *Current International State and Future Perspectives on Competence Assessment in Higher Education: Report from the KoKoHs Affiliated Group Meeting at the AERA Conference on April 4, 2014 in Philadelphia, USA,* (KoKoHs Working Papers, 6, pp. 11-29). Berlin & Mainz: Humboldt University & Johannes Gutenberg University.

Cao, L. (2014). Prospects and challenges in modeling and measuring competencies in higher education: A reflection on the International Colloquium for Young Researchers at Mainz Germany. In M. Toepper, O. Zlatkin-Troitschanskaia, C. Kuhn, S. Schmidt, & S. Brückner (Eds.). *Advancement of Young Researchers in the Field of Academic Competency Assessment: Report from the International Colloquium for Young Researchers from November 14-16, 2013 in Mainz* (KoKoHs Working Papers, 5, pp. 31-37). Berlin & Mainz: Humboldt University & Johannes Gutenberg University.

Cao, L. (2012). What can teachers do to ensure in-depth learning in an age of digital speed? In K. T. Henson & B. F. Eller, *Educational Psychology for Effective Teaching (2nd ed.* pp. 288-289)*. Kendall Hunt.

Cao, L. (2012). How can today's teachers take advantage of current research on the cognitive development and functioning of students? In K. T. Henson & B. F. Eller, *Educational Psychology for Effective Teaching (2nd ed.,* pp. 289-290)*. Kendall Hunt.

Cao, L. (2009). Mixed method designs. In B. Erford (Ed.), *American Counseling Association Encyclopaedia of Counseling,* (pp. 339-341)*. American Counselling Association.

Book

Cao, L. (2009). *Exploring Professors' Thinking Through Post-Class Reflection: A Case Study*. VDM Verlag, Germany. http://www.amazon.com/Exploring-Professors-Thinking-Post-Class-Reflection/dp/3639158490/ref=sr_1_1?s=books&ie=UTF8&qid=1331073303&sr=1-1

Presentations (Fall 2002--Present)

Cao, L., & Mindrila, D. (2026, April 8-12). *Using the Motivated Strategies for Learning Questionnaire (MSLQ) to describe latent profiles of online learners: Examination across*

nine academic years. Proposal submitted to the American Educational Research Association Annual Meeting, Los Angeles, CA, United States.

Arslan, O., & Cao, L. (2026, April 8-12). *From human to augmented intelligence: Using Generative AI in planning for teaching among K-12 teachers.* Proposal submitted to the American Educational Research Association Annual Meeting, Los Angeles, CA, United States.

Huang, L., Sun, J., Li, L., & Cao, L. (2025, May 1-3). *Is Household Poverty Alleviation Associated with Early Childhood Development? Evidence from Southwest China.* [Paper Presentation]. Society for Research in Child Development Biennial Meeting, Minneapolis, MN, United States.

Mindrila, D., & Cao, L. (2025, April 23-27). *Using the Motivated Strategies for Learning Questionnaire (MSLQ) to identify Latent Profiles of Online Learners.* [Paper Presentation]. American Educational Research Association Annual Meeting, Denver, CO, United States.

Cao, L., & Mindrila, D. (2024, April 11-14). *Latent Profiles of Online Self-Regulated Learning and Goal Orientations: Relationships with Academic Achievement.* [Paper Presentation]. American Educational Research Association Annual Meeting, Philadelphia, PA, United States.

Chen, Y., & Cao, L. (2024, April 11-14). *How K-12 Teachers Design 3D-making Lessons: New Educational Possibilities for K-12 Classroom Teaching.* [Paper Presentation]. American Educational Research Association Annual Meeting, Philadelphia, PA, United States.

Mindrila, D., & Cao, L. (2023, April 12-16). *Latent Profile of Goal Orientations in Online Learning: Relationships with Academic Achievement.* [Paper Presentation]. American Educational Research Association Annual Meeting, Chicago, IL, United States.

Cao, L., & Chen, Y. (2022, July 24-27). *Equity and success: Maker-Centered PD for teachers in rural areas.* [Paper Presentation]. Distance Administration Conference, Jekyll Island, GA, United States.

Chen, Y., & Cao, L. (2022, April 21-26). *Driving is Believing: Effects of Using Telepresence Robots to Access Makerspace for Teachers in Rural Areas.* [Paper Presentation]. American Educational Research Association Annual Meeting, San Diego, CA, United States.

Grant, P. D., Arrington, T. L., Branyon, A. P., Willox, L., Che, Y., Cao, L., & Sungwoong, L. (2021, April 9-12). *Assessing the Needs of STEM Education Using a School/University Collaborative Research Model.* [Paper Session]. American Educational Research Association Annual Meeting, Orlando, FL, United States

Mindrila, D., & Cao, L. (2021, April 9-12). *Online Learning Goal Orientation and Student Performance: A Latent Profile Analysis.* [Roundtable Session]. American Educational Research Association Annual Meeting, Orlando, FL, United States.

Chen, Y., & Cao, L. (2021, April 9-12). *Effects of Maker-Centered Professional Development on Teachers' Knowledge and Attitude about Teaching with Maker Technology.* [Roundtable Session]. American Educational Research Association Annual Meeting, Orlando, FL, United States.

Branyon, A. P., Arrington, T. L., Willox, L., Cao, L. Sungwoong, L., & Che, Y. (2020, November 2-7). *A Research-Practice Partnership in Rural Georgia: Assessing Needs for 21st Century Skill Development.* [Roundtable Presentation]. Association for Educational

Communications and Technology International Convention, Jacksonville, FL, United States.

Chen, Y., & Cao, L. (2020, November 2-7). *Empowering teaching of K-12 educators through "Maker" and 3D design experiences.* Roundtable Session at the Association for Educational Communications and Technology International Convention, Jacksonville, FL, United States.

Mindrila, D., & Cao, L. (2020, April 17-21). *Self-regulation latent profiles in online learning: Relationships with the predicted performance and the course grade*. Paper Session at the American Educational Research Association Annual Meeting, San Francesco, CA, United States. http://tinyurl.com/qoalpx4 (Conference Cancelled).

Peng, A., Cao, L., & Yu, B. (2019, October 2-4). *Mathematics Problem Posing and Problem Solving of the Canadian and Chinese Elementary School Students: An Interactive Study between Two Sister Schools,* Paper presented at the 6th Annual International Conference on West-East (WE) Reciprocal Learning in Education, Windsor, Canada.

Cao, L., & Nietfeld, L. J. (2019, June 26-27). *Comparing the MSLQ and the OSLQ as Predictors of Academic Performance for Online Students.* Paper presented at the 2019 International Education and Psychology Conference, Paris, France.

An, Y., & Cao, L. (2018, April 13-17). *Characteristics of Digital Learning Games Designed by In-service Teachers.* Paper presented at the American Educational Research Association annual conference, New York City, USA.

Yang, L., & Cao, L. (2017, July 3-5). *A study of the effect of visualization in teaching entity-relationship diagram (ERD) to relational schema mapping.* Paper presented at the 9th International Conference on Education and New Learning Technologies. Barcelona, Spain.

Spencer, D., Pesout, O., Cao, L., & Nietfeld, J. (2017, April 27- May 1). *Effect of interest on monitoring accuracy and academic performance during weekly monitoring exercises*. Paper presented at the 2017 American Educational Research Association Annual Conference, San Antonio, TX.

Yang, Y., Taylor, J., & Cao, L. (2016, April 8-12). *Exploring the relationships of achievement goals, help-seeking types, and academic performance in online learning.* Poster presented at the American Educational Research Association annual conference, Washington, DC.

Duplechain, R., Westine, C., Cao, L., & Braun, B. (2016, February). *Traumatic Events, Performance on Standardized Tests, and School-Age Children.* Paper presented at the 39th Annual Conference of the Eastern Educational Research Association, Hilton Head, SC.

An, Y., & Cao, L. (2015, November). *The effects of game design experience on teachers' perceptions of digital games.* Paper presented at the 2015 Association for Educational Communications and Technology International Convention, Indianapolis, IN.

Cao, L., & Yang, Y. (2015, August). *Exploring factor structure of online help-seeking.* Paper presented at the 123rd Annual Convention of the American Psychological Association, Toronto, Ontario, Canada.

An, Y., & Cao, L. (2015, July). *Exploring teachers' pedagogical approaches and strategies in designing educational games.* Poster presented at the 11th Game-Based Learning Convention, Madison, WI.

Spencer, D., Cao, L., & Nietfeld, J. L. (2015, April). *Exploring the interplay between student attributions and metacognitive monitoring ability in a post-secondary classroom*

environment. Paper presented at the American Educational Research Association annual conference, Chicago, IL.

Yang, Y., Taylor, J., & Cao, L. (2015, April). *The 3 × 2 achievement goal model in predicting online test anxiety and help-seeking.* Paper presented at the American Educational Research Association annual conference, Chicago, IL.

Yang, Y., & Cao, L. (2015, February). *Influence of Achievement Goals and Self-Efficacy on Online Study Strategies.* Paper presented at the 2015 Annual Eastern Educational Research Association Conference, Sarasota, FL.

DiFrancesca, D., Nietfeld, J. L., & Cao, L. (2014, August). *A mixed-method comparison of high and low achieving students on self-regulated learning variables.* Poster presented at the 122nd Annual Convention of the American Psychological Association, Washington, DC.

Yang, Y., & Cao, L. (2014, August). *Achievement goals and types of help-seeking among online graduate students.* Poster presented at the 122nd Annual Convention of the American Psychological Association, Washington, DC.

Cao, L., & Braun, E. (2014, April). *Addressing ecological validity in modelling and measuring competencies in higher education.* Paper presented at the affiliated group meeting of KOKOHS at the 2014 American Educational Research Association annual conference, Philadelphia, PA.

Yang, Y., & Cao, L. (2014, April). *Achievement goals, intrinsic/extrinsic motivation, and help-seeking among online students: Comparing the 3 × 2 and 2 × 2 models.* Poster presented at the 2014 American Educational Research Association annual conference, Philadelphia, PA.

Cao, L., & Yang, Y. (2013, August). *What predicts online help seeking among undergraduate and graduate students?* Poster presented at the 121st Annual Convention of the American Psychological Association, Honolulu, HI.

Moore, L., & Cao, L. (2013, May). *Perceived benefits for mentors of pre-service secondary STEM teachers.* Poster presented at the 7th Annual UTeach Conference, Austin, TX.

An, Y. J., & Cao, L. (2013, April). *Examining the effects of metacognitive scaffolding on students' design problem solving in an online environment.* Paper presented at the 2013 American Educational Research Association annual conference, San Francisco, CA.

DiFrancesca, D., Nietfeld, J. L., & Cao, L. (2013, April). *A test of the general monitoring skill hypothesis using ecologically valid instruments.* Poster presented at the 2013 American Educational Research Association annual conference, San Francisco, CA.

Yang, Y., & Cao, L. (2013, April). *The roles of achievement approach goals in help-seeking in online learning.* Round Table Discussion at the 2013 American Educational Research Association annual conference, San Francisco, CA.

Cao, L. (2012, August). *Examining motivation, time management, and test performance of "active procrastinators".* Poster presented at the 120th American Psychological Association annual convention, Orlando, FL.

McClide, L. M., & Cao, L. (2012, February). *Increasing awareness of sexual misconduct policy among college students: Effectiveness of PAW²S program.* Poster presented at the Eastern Educational Research Association annual conference, Hilton Head Island, SC.

Cao, L. (2011, April). *Associations of passive and active procrastination with metacognitive beliefs, educational psychology self-efficacy, and achievement goals among college students.* Poster presented at the American Educational Research Association annual conference, New Orleans, LA.

Cao, L. (2011, April). *Differences in procrastination and motivation between undergraduate and graduate students.* Paper presented at the 6th International Conference of the American Institute of Higher Education, Charleston, SC.

Charlesworth, J., Cao, L., & Wojcik, R. (2010, February). *School counseling students' perceptions of their practicum experiences and sites.* Paper presented at the Eastern Educational Research Association annual conference, Savannah, GA.

Cao, L. (2010, April). *Those who choose to procrastinate: Achievement goal, motivation, study strategy, and test performance among college students.* Poster presented at the American Educational Research Association annual conference, Denver, CO.

Nietfeld, J., Cao, L., & Shores, L. (2010, April). *Can motivation and beliefs scales predict classroom performance?* Poster presented at the American Educational Research Association annual conference, Denver, CO.

Cao, L. (2009, April). *Examining procrastination vs. cramming from a self-regulated learning perspective.* Paper presented at the 3rd International Conference of the American Institute of Higher Education, Nashville, TN.

Charlesworth, J., & Cao, L. (2008, February). *Goal orientations & graduate counselling students' perceptions of typical vs. ideal counsellor educators.* Paper presented at the Eastern Educational Research Association annual conference, Hilton Head, SC.

Cao, L., Hoffmann, K., Huff, J., & Nietfeld, J. (2008, March). *Examining reader beliefs, situational interest, and monitoring accuracy across texts.* Poster presented at the American Educational Research Association annual conference, New York, NY.

Chibbaro, J., & Cao, L. (2007, February). *Exploring perceptions of advocacy of professional school counselors and school counselors in training.* Paper presented at the Eastern Educational Research Association annual conference, Clearwater, FL.

Cao, L., & Nietfeld, J. (2007, April). *Relationships among motivation, monitoring accuracy, and attribution for performance in educational psychology.* Poster presented at the American Educational Research Association annual conference, Chicago, IL.

Schraw, G., Nietfeld, J., Cao, L., & Olafson, L. (2007, September). *Metacognition and strategy use in the college classroom.* Paper presented at the Biennial meeting of European Association for Research on Learning and Instruction, Budapest, Hungary.

Cao, L., & Nietfeld, J. L. (2006, March). *Perceived achievement goals, strategy use, and achievement outcomes in educational psychology.* Paper presented at the Eastern Educational Research Association annual conference, Hilton Head, SC.

Cao, L., & Nietfeld, J. L. (2006a, April). *Relationships among motivation, monitoring accuracy, and attribution for performance in educational psychology.* Paper presented at the American Educational Research Association annual conference, San Francisco, CA.

Cao, L., & Nietfeld, J. L. (2006b, April). *College students' perceived difficulties in class content, choice of study strategies, and test performance in educational psychology*. Distinguished paper presented at the American Educational Research Association annual conference, San Francisco, CA.

Bruce, A. S., & Cao, L. (2006, March). *Establishing an academic alarm system: Identifying predictors of academic failure among high school freshmen students.* Paper presented at the Eastern Educational Research Association annual conference, Hilton Head, SC.

Proctor, C., & Cao, L. (2006, March). *Academic and personal/social development implications of internalizing behavior in high school juniors*. Paper presented at the Eastern Educational Research Association annual conference, Hilton Head, SC.

Nietfeld, J. L., & Cao, L. (2006, April). *What self-regulation variables predict course performance in educational psychology?* Paper presented at the American Educational Research Association annual conference, San Francisco, CA.

Nietfeld, J. L., & Cao, L. (2006, September). *The relationship between measures of children's metacognitive monitoring and reading comprehension performance.* Poster presented at the European Educational Research Association annual conference, Geneva, Switzerland.

Cao, L., & Nietfeld, J. L. (2005, April). *Exploring the relationships between self-efficacy and metacognition.* Paper presented at the American Educational Research Association annual conference, Montreal, Canada

Cao, L., & Nietfeld, J. L. (2005, April). *Judgment of learning, self-monitoring, and student performance in classroom context.* Distinguished paper presented at the American Educational Research Association annual conference, Montreal, Canada.

Cao, L., & Nietfeld, J. L. (2005, March). *College students' perceived difficulties in class content, choice of study strategies, and test performance in educational psychology.* Paper presented at the Eastern Educational Research Association annual conference, Sarasota, FL.

Nietfeld, J. L., & Cao, L. (2004, April). *The effects of extended monitoring training on performance and monitoring accuracy of pre-service teachers.* Paper presented at the American Educational Research Association annual conference, San Diego, CA.

Cao, L., & Nietfeld, J. L. (2004, February). *Judgment of learning, self-monitoring, and student performance in classroom context.* Paper presented at the Eastern Educational Research Association annual conference, Clearwater, FL.

Cao, L., & Nietfeld, J. L. (2003, May). *Using schema representations and traditional measures to assess student learning in educational psychology.* Poster session presented at the Canadian Society for the Study of Education annual conference. Halifax, Nova Scotia, Canada.

Cao, L., & Nietfeld, J. L. (2003, February). *Prompted monitoring of student performance in educational psychology.* Paper presented at the Eastern Educational Research Association annual conference, Hilton Head, SC.

Cao, L. (2002, April). *Professor's post-class reflection as interrelated process of rational and non-rational process: New findings and insights.* Paper presented at the American Educational Research Association annual conference, New Orleans, LA.

Nietfeld, J. L., & Cao, L. (2002, February). *Examining relationships between instructional strategies and student teachers' self-efficacy.* Round table discussion at the Eastern Educational Research Association annual conference, Sarasota, FL.