

Binbin Zheng

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ACADEMIC APPOINTMENT

Jan. 2014-date **Fixed-term Assistant Professor**
Department of Counseling, Educational Psychology and Special Education
Confucius Institute
Michigan State University

EDUCATION

2009-Dec. 2013 **Ph.D.**, School of Education, University of California, Irvine
Specialization in Language, Literacy, and Technology
Dissertation: *Social Media and Classroom Writing: Participation, Interaction, and Collaboration*
Committee Chair: Mark Warschauer
Committee Members: George Farkas, Rebecca Black, and Carol Olson

2012 **M.A.**, Education, University of California, Irvine
Qualifying paper: *Bloggging to learn: Participation and literacy among linguistically diverse fifth-grade students*

2009 **M.Ed.**, Educational Technology, Beijing Normal University
Thesis: *Using Wikis to Support Collaborative Learning in Higher Education*

2006 **B.S.**, Educational Information and Technology, East China Normal University
Thesis: *Using an Authentic Interactive Model to Facilitate Teaching and Learning in Moral Education*

AWARDS & HONORS

2015 Outstanding Paper Award, Society for Information Technology and Teacher Education International Conference

2012-2013 Recipient, Public Impact Distinguished Fellow Award, UC Irvine

2012 Recipient, The Training in Research Fellowship (TIRF), School of Education, UC Irvine

2012 Selected Participant, University of California Evaluation Center Institute for Training in Educational Evaluation

2011-2012 Recipient, National Science Foundation (NSF) Community for Advancing Discovery Research in Education (CADRE) Fellowship

2011 Recipient, Mosaic-UCEC Innovative Evaluation Research Award (IERA)

2010-2012 Recipient, Travel Grant for Paper and Poster Presentations, School of

	Education, UCI
2008	Recipient, Excellent Teaching Assistant Award, School of Online Education, Beijing Normal University
2006	Recipient, Excellent Graduating Student Award, Shanghai Municipal Education Committee
2005	Recipient, Excellent Youth Volunteer Award, East China Normal University
2005	Recipient, Second Place Award, <i>Daxia</i> Academic and Scientific Research Competition, East China Normal University
2004-2005	Recipient, Excellent All-round Student Award, East China Normal University
2004-2005	Recipient, First Place Excellent Academic Achievement Award, East China Normal University
2003-2004	Recipient, Excellent Academic Achievement Distinguished Award, East China Normal University
2002-2003	Recipient, Second Place Excellent Academic Achievement Award, East China Normal University

RESEARCH INTERESTS

Technology and Equity
 Language and Literacy Education
 Educational Program Evaluations

PUBLICATIONS

Books

Lin, C.-H., Zhang, D., & **Zheng, B.** (Eds.). (Contracted). *Preparing Foreign Language Teachers for Next-Generation Education*. Hershey, PA: IGI Global.

Journal Articles

Lin, C.-H., **Zheng, B.**, & Zhang, Y. (accepted). Interactions and learning outcomes in online language courses. *British Journal of Educational Technology*.

Zheng, B., Warschauer, M., Lin, C.-H., & Chang, C. (in press). Learning in one-to-one laptop environments: A meta-analysis and research synthesis. *Review of Educational Research*.

Yim, S., Warschauer, M., & **Zheng, B.** (in press). Google Docs in the classroom: A district-wide case study. *Teachers College Record*.

Lin, C.-H., & **Zheng, B.** (2015). Teaching Practices and Teacher Perceptions in Online World Language Courses. *Journal of Online Learning Research*, 1(3), 275-303.

Zheng, B. & Warschauer, M. (2015). Participation, interaction, and literacy achievement within a classroom online discussion environment. *Computers & Education*, 84, 78-89. doi: <http://dx.doi.org/10.1016/j.compedu.2015.01.008>

Zheng, B., Niiya, M., & Warschauer, M. (2015). Wikis and collaborative learning in higher education. *Technology, Pedagogy and Education*, 24(3), 357-374. doi: 10.1080/1475939X.2014.948041

- Zheng, B.**, Lawrence, J., Warschauer, M., & Lin, C.-H. (2015). Middle school students' writing and feedback in a cloud-based classroom environment. *Technology, Knowledge and Learning*, 20(2), 201-229. doi: 10.1007/s10758-014-9239-z
- Yim, S., Warschauer, M., **Zheng, B.**, & Lawrence, J. (2014). Collaborative writing with Google Docs and the Common Core Standards. *Journal of Adolescent & Adult Literacy*, 58(3), 243-254. doi: 10.1002/jaal.345
- Zheng, B.**, Arada, K., Niiya, M., & Warschauer, M. (2014). One-to-one laptops in K-12 classrooms: Voices of students. *Pedagogies: An International Journal*, 9(4), 279-299. doi: 10.1080/1554480X.2014.955499
- Zheng, B.**, Warschauer, M., Hwang, J.K., & Collins, P. (2014). Laptop use, interactive science software, and science learning among at-risk students, 23(4), 591-603. *Journal of Science Education and Technology*. doi: 10.1007/s10956-014-9489-5
- Warschauer, M., **Zheng, B.**, Niiya, M., Cotton, S., & Farkas, G. (2014). Balancing the one-to-one equation: Equity and access in three laptop programs. *Equity & Excellence in Education*, 47(1). doi: 10.1080/10665684.2014.866871
- Collins, P., Hwang, J. K., **Zheng, B.**, & Warschauer, M. (2013). Writing with laptops: A quasi-experimental study. *Writing & Pedagogy*, 5(2).
- Warschauer, M., **Zheng, B.** and Park, Y. (2013). New ways of connecting reading and writing. *TESOL Quarterly*, 47(4), 825-830. doi: 10.1002/tesq.131
- Zheng, B.**, Warschauer, M., & Farkas, G. (2013). Digital writing and diversity: The effects of school laptop programs on literacy processes and outcomes. *Journal of Educational Computing Research*, 48(3), 267-299. doi: 10.2190/EC.48.3.a
- Zhong, K., & **Zheng, B.** (2011). The design and practice of Wiki-based collaborative learning. *Open Education Research*, 17(1), 73-79.
- Warschauer, M., Arada, K., & **Zheng, B.** (2010). Laptops and inspired writing. *Journal of Adolescent & Adult Literacy*, 54(3), 221-223.
- Zhou, J., Zhong, K., & **Zheng, B.** (2010). Formative assessment of Wiki-based learning. *Distance Education in China*, 13(7), 34-38.
- Zheng, B.**, & Zhuang, X. (2008). Wiki-based design of learning activities. *Distance Education in China*, 2008(12), 36-40.

Book Chapters

- Zheng, B.**, Yim, S., & Warschauer, M. (in press). Social media in the writing classroom and beyond. In J. Lontas (Ed.), *TESOL encyclopedia of English language teaching*. Hoboken, NJ: Wiley.
- Lawrence, J. F., Warschauer, M., **Zheng, B.**, & Mullins, D. (2013). Research in digital literacy: Tools to support learning across the disciplines. In Ippolito, Lawrence, & Zaller (Ed.), *Adolescent literacy in the era of the common core: From research into practice* (pp. 117-129). Cambridge, MA: Harvard Education Press.
- Niiya, M., Warschauer, M., & **Zheng, B.** (2013). Emerging literacies in digital media and L2 secondary writing. In L.C. de Oliveira & T. Silva (Ed.), *L2 writing in secondary classroom: Student experiences, academic issues, and teacher education* (pp. 104-115). New York, NY: Routledge.
- Park, Y., **Zheng, B.**, Lawrence, J., & Warschauer, M. (2013). Technology-enhanced reading environments. In M. Thomas, H. Reinders & M. Warschauer (Eds.), *Contemporary computer-assisted language learning* (pp. 267-285). London, UK: Continuum.

Refereed Conference Proceedings

- Zheng, B.** & Lin, C.-H. (2016). World language teachers' transition from face-to-face to online teaching. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 858-861). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Liu, H., Lin, C.H., Zhang, D. & **Zheng, B.** (2016). Pre-service Language Teachers' Instructional Use of Technology: Factors and Barriers. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 2158-2163). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Zheng, B.**, Lin, C.-H. & Romig, N. (2015). Online teaching among world language teachers: What affects teaching practices?. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 1523-1530). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Lin, C.-H., **Zheng, B.**, & Zhang, Y. (2015). Interaction, satisfaction, and perceived progress in online language courses. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 350-356). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Zheng, B.**, Warschauer, M. & Farkas, G. (2011, March). Improving fourth grade writing through technology-enhanced instruction. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 4501-4508). Chesapeake, VA: AACE. Retrieved from <http://www.editlib.org/p/37045>.
- Zheng, B.**, & Zhuang, X. (2008, December). *Wiki-based collaborative learning activity design: A case study*. In *Proceedings of the 2008 International Conference on Computer Science and Software Engineering - Volume 05* (pp. 141-145). Wuhan, China. doi: 10.1109/CSSE.2008.954

Reports

- Warschauer, M., **Zheng, B.**, & Farkas, G. (2010). Final report on Saugus Union School District's SWATTEC program. Available at <http://community.saugusud.org/jklein/files/-1/1879/UCI-SUSD-final-report-2010.pdf>
- Warschauer, M., **Zheng, B.**, Farkas, G., & Arada, K. (2010). Final evaluation of Inspired Writing in Littleton Public Schools. Available at <http://littletonpublicschools.net/LinkClick.aspx?fileticket=ZW3L9KRfG2A%3D&tabid=656>

Manuscripts Submitted

- Zheng, B.** & Warschauer, M. (revise and resubmit). Blogging to learn: Language use and cognitive development among linguistically diverse fifth-grade students. [*submitted to a refereed journal*]

PRESENTATIONS

CONFERENCE PRESENTATIONS

- Zheng, B.**, Chang, C., Lin, C-H., & Warschauer, M. (2016, April). A meta-analysis of one-to-one computing on academic achievements. Paper presented at the American Educational Research Association Annual Meeting, Washington D.C.
- Zheng, B.**, Yim, S., & Warschauer, M. (2016, April). *Collaborative writing patterns in a cloud-based environment*. Paper presented at the American Educational Research Association Annual Meeting, Washington D.C.
- Zheng, B.** & Lin, C-H. (2016, March). *World language teachers' transition from face-to-face to online teaching*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Savannah, GA.
- Zheng, B., Li, J., & Romig, N. (2016, April). From face-to-face to the online environment: How did CSL teachers adjust their teaching? Paper presented at the Chinese Language Teachers Association, College Park, MD.
- Lin, C-H., **Zheng, B.**, & Freidhoff, J. (2016, March). *Does class size matter in online K-12 classes?* Paper presented at the Society for Information Technology and Teacher Education International Conference, Savannah, GA.
- Liu, H., Lin, C-H., Zhang, D., & **Zheng, B.** (2016, March). *Pre-service language teachers' instructional use of technology: Factors and barriers*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Savannah, GA.
- Zhang, Y., Lin, C-H., & **Zheng, B.** (2015, May). *Structuring self-regulated learning in online language courses*. Paper presented at the Computer Assisted Language Instruction Consortium, Boulder, CO.
- Lin, C-H., **Zheng, B.**, & Zhang, Y. (2015, April). *Interactions and learning outcomes in online language courses*. Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.
- Zheng, B.**, & Lin, C-H. (2015, April). *Feedback exchange among teachers and students using Google Docs*. Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.
- Zheng, B.**, Lin, C-H., & Romig, N. (2015, March). *Online teaching among world language teachers: What affects teaching practices?* Paper presented at the Society for Information Technology and Teacher Education International Conference, Las Vegas, NV.
- Lin, C-H., **Zheng, B.**, & Zhang, Y. (2015, March). *Interaction, satisfaction, and perceived progress in online language courses*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Las Vegas, NV. (Received the "Outstanding paper award")
- Zheng, B.**, Yim, S., Warschauer, M., & Lawrence, J. (2014, December). *Cloud-based collaborative writing and the Common Core Standards*. Paper presented at the Literacy Research Association Annual Conference, Marco Island, Florida.
- Ni, R., **Zheng, B.**, & Lin, C-H. (2014, October). *The effect of students' learning strategies on learning outcome in online second language courses*. Paper presented at the First CLTA International Symposium on Chinese Language Teaching and Learning, Bloomington, IN.

- Lin, C-H., Ni, R., Li, J., Romig, N., & **Zheng, B.** (2014, May). *Teaching foreign language courses online: A case study*. Paper presented at the Computer Assisted Language Instruction Consortium, Athens, OH.
- Hwang, J. K., Collins, P., **Zheng, B.**, & Warschauer, M. (2014, April). *Exploring the writing patterns of elementary school students as a function of their English proficiency*. Paper presented at the American Education Research Association Annual Meeting, Philadelphia, PA.
- Zheng, B.**, & Warschauer, M. (2013, December). *Developing students' sense of audience and authorship in an online discussion environment*. Paper presented at the Literacy Research Association Annual Conference, Dallas, Texas.
- Zheng, B.**, Lawrence, J., Warschauer, M., & Mullins, D. (2013, December). *Research and practice in digital literacy*. Paper presented at the Literacy Research Association Annual Conference, Dallas, Texas.
- Warschauer, M., **Zheng, B.**, & Lin, C.-H. (2013, May). *Collaborative writing in the cloud*. Paper presented at the American Educational Research Association Annual Meeting, San Francisco, California.
- Zheng, B.**, & Warschauer, M. (2013, April). *Teaching and learning in one-to-one laptop environments: A research synthesis*. Paper presented at the American Educational Research Association Annual Meeting, San Francisco, California.
- Warschauer, M., & **Zheng, B.** (2013, April). *One-to-one laptop program and science literacy development among linguistically diverse students*. Poster presented at the American Educational Research Association Annual Meeting, San Francisco, California.
- Hwang, J.K., Collins, P., Warschauer, M., Farkas, G., & **Zheng, B.** (2012, July). *Exploring the writing patterns of elementary school students as a function of their proficiency in English*. Poster presented at the 19th annual meeting of the Society for the Scientific Study of Reading, Montreal, Quebec, Canada.
- Zheng, B.**, Warschauer, M. (2012, June). *Writing and equity in a one-to-one laptop environment*. Paper presented at the International Society for Technology in Education, San Diego, California.
- Zheng, B.**, Warschauer, M. (2012, April). *Blogging to learn: Participation and literacy among linguistically diverse fifth-grade students*. Paper presented at the American Educational Research Association Annual Meeting, Vancouver, British Columbia, Canada.
- Zheng, B.**, Warschauer, M., and Farkas, G. (2012, April). *Literacy and laptops: Effects of a one-to-one program*. Poster presented at the American Educational Research Association Annual Meeting, Vancouver, British Columbia, Canada.
- Warschauer, M., **Zheng, B.** (2012, April). *Social media use and academic identity in a diverse K-12 district*. Paper presented at the American Educational Research Association Annual Meeting, Vancouver, British Columbia, Canada.
- Zheng, B.**, Warschauer, M. (2011, November). *New literacy development in a classroom blogging community*. Paper presented at the Literacy Research Association Annual Conference, Jacksonville, Florida.

INVITED TALK

Zheng, B. (2015, October). Digital literacy and diversity: Students' participation, interaction, and academic achievements. Department of Learning and Teaching, University of San Diego. San Diego, CA.

Lin, C-H., & **Zheng, B.** (2014, September). *Teaching practices and interaction: What works in online language courses*. Invited talk at the First Harvard International Conference on Chinese Pedagogy, Cambridge, MA.

WORKSHOP

Zheng, B. (2015, December). Computer-supported collaborative writing and L2. Online Chinese Teaching Workshop. East Lansing, Michigan.

Zheng, B. (2015, May). Teaching practices in world language courses. Workshop on Online Less Commonly Taught Languages Teaching. Bloomington, Indiana.

OTHER PRESENTATIONS

Warschauer, M., Farkas, G., Collins, P., **Zheng, B.**, and Hwang, J. (2012, June). Interactive science and technology instruction for English learners. Poster presented at the NSF Discovery Research K-12 PI meeting, Arlington, VI.

Zheng, B. (2011, October). *Bloggging to learn: Participation and literacy among linguistically diverse fifth-grade students*. Presented at the School of Education Brownbag Series, UC Irvine. Irvine, CA.

Zheng, B. (2011, January). *Digital media and writing in upper elementary schools: A mixed methods study*. Poster presented at the School of Education Alumni Symposium, UC Irvine. Irvine, CA.

PRESS

UCI feature: <http://news.uci.edu/features/bridging-the-educational-divide/>

EDUCATION WEEK:

http://blogs.edweek.org/edweek/DigitalEducation/2015/04/google_docs_doesnt_affect_test_scores.html

RESEARCH EXPERIENCE

Investigator

PI: Chin-Hsi Lin

Department of Counseling, Educational Psychology and Special Education, MSU

Jan. 2014-date Project: *Predicting Students' Success for Online Language Courses*

Graduate Student Researcher

PI: Mark Warschauer

School of Education, UC Irvine

Sept. 2011-Dec. 2013 Project: *Cloud-based Writing in K-12 Schools*

Sept. 2010-Dec. 2013 Project: *Interactive Science and Technology Instruction for English Learners*

June-Sept. 2010 Project: *Technology, Writing, and Academic Achievement*

Research Assistant

PI: Zhibo Liu
School of Educational Technology, Beijing Normal University
Mar.-June 2008 Project: *Using Information Technology to Enhance Education Quality in Rural Areas of China*

TEACHING EXPERIENCE

Guest Lecturer

Department of Counseling, Educational Psychology and Special Education, MSU
Fall 2015 **CEP 991:** Internet Research Methods

Guest Lecturer

Department of Learning and Teaching, University of San Diego
Fall 2015 **EDUC 541:** Second Language Acquisition and Development

Lead Instructor

Department of Counseling, Educational Psychology and Special Education, MSU
Summer 2015 **CEP 891:** The Social-Emotional Development of School-Aged Youth

Instructor

Department of Counseling, Educational Psychology and Special Education, MSU
Summer 2014 **CEP 891:** The Social-Emotional Development of School-Aged Youth

Guest Lecturer

School of Education, University of California, Irvine
Fall 2012 **EDU 212:** Literacy and Technology

Guest Lecturer

School of Education, University of California, Irvine
Fall 2012 **Course:** Vocabulary Learning of Academic Language

Online Teaching Assistant

School of Online Education, Beijing Normal University
Nov. 2007-June 2009 **Courses:** Distance Education; Curriculum Development; Educational Measurement and Assessment

Instructor

School of Continuing Education, Capital Normal University
Sept. 2008-Jan. 2009 **Course taught:** Photoshop CS2

Teaching Assistant

School of Educational Technology, Beijing Normal University

Mar. 2008-Mar. 2009 **Course:** Social Media and Web 2.0 Tools
Sept. 2007-Jan. 2008 **Course:** Theory and Practice of Multimedia Use in Education

Instructor

LEGO Education Center, Beijing, China

Oct. 2006-Aug. 2007 **Course taught:** Mechanical Power

Student Teacher

Shixi High School, Shanghai, China

Sept.-Nov. 2005 **Course taught:** Information Technology in High School

Volunteer Teacher

Nantang Elementary School, Anhui, China

Sept.-Oct. 2004 **Course taught:** English, Math, and Music

PROFESSIONAL SERVICE

2014-date Editor-in-Chief, Teaching Chinese in International Contexts
2014-date Editorial Board Member, Language Learning & Technology
2012-date Manuscript Review for Journals:
American Educational Research Journal, Behavior & Information
Technology, CALICO, Computer Assisted Language Instruction
Consortium Journal, Language Learning & Technology, Learning and
Individual Differences, Journal of Educational Computing Research,
Journal of Literacy Research, SAGE Open, *Science*, System: An
International Journal of Educational Technology and Applied Linguistics,
TESOL Quarterly, Educational Research and Evaluation
2011-date Proposal Review for Conferences:
American Educational Research Association Annual Meeting, Literacy
Research Association Conference, International Conference on Computer
Supported Collaborative Learning, International Society for Technology
in Education

UNIVERSITY SERVICE

2015 Search Committee, Technology and Second Language Education Faculty
Search, Michigan State University
2015 Panel Review, Chinese Teacher Certification Program, Michigan State
University
2012 Admissions Committee, School of Education, UC Irvine

RESEARCH SKILLS

Multiple linear regression, longitudinal data analysis, Hierarchical Linear Modeling,
Structural Equation Modeling, meta-analysis, social network analysis, content analysis
Statistics software: STATA, SPSS, AMOS, UCINET, HyperResearch

PROFESSIONAL QUALIFICATIONS

July 2006 Senior High School Teacher's Qualification Certificate of Information
Technology, Shanghai Municipal Education Committee
Dec. 2005 Professional Certificate of digital technician, Shanghai Bureau of Labor
and Social Security

PROFESSIONAL MEMBERSHIP

American Educational Research Association
Literacy Research Association
International Society for Technology in Education
International Society of the Learning Sciences
Society for Information Technology and Teacher Education
American Council on the Teaching of Foreign Languages