Dr. Meina Zhu, Ph.D.

Assistant Professor
Learning Design and Technology
Wayne State University

Email: meinazhuiu@gmail.com
Google Scholar: https://scholar.google.com/citations?user=p5ErZXUAAAAJ&hl=en&oi=ao

EDUCATION

Aug. 2015-July 2019	**Ph.D. in Instructional System Technology** **Minor in Human-Computer Interaction Design** Indiana University Bloomington (IUB), United States
Sep. 2008–Jul. 2011	**M.S. in Educational Technology** Beijing Normal University (BNU) Beijing, China
Sep. 2004–Jul. 2008	**B.S. in Educational Technology** Shandong Normal University (SNU) Jinan, China

PROFESSIONAL EXPERIENCE

August 2019-Present	**Assistant Professor, Learning Design and Technology, Wayne State University, Detroit, MI**
July 2018-July 2019	**Graduate Research Assistant** Learning Technologies, University Information Technology Services (UITS), Indiana University, Bloomington, IN
May 2018-Aug. 2018	**Instructional Designer** Elementary Engineering Group, Deren Education Co. Ltd. Wuxi, China
June 2017-Aug. 2017 **May 2016-Aug. 2016**	**Instructional Designer** Distance Learning Department, University of Southern Indiana, Evansville, IN
July 2011-July 2015	**Technical Support and Office Administrator** Department of Spanish and Portuguese, Beijing Foreign Studies University, Beijing, China
Jul. 2010- Sept. 2010	**Education Assistant**

Operation Group in LBS, International Business Machines Corporation (IBM), Beijing, China

Sept. 2009-Nov. 2009   **Learning Support**
Online Learning Group, Huaxiadadi Education Co. Ltd., Beijing, China

Jun. 2009-Oct. 2009   **Website User Experience Designer**
Online Learning Group, Beijing Normal University, Beijing, China
UX Designer of '***Construction of the supporting technical system for the innovation of teacher education***' project

RESEARCH EXPERIENCE

Research project (Indiana University, Bloomington, IN)

Jan. 2016- 2019   Self-directed Online Learning Environments (SOLE) Research Group led by Professor Curtis Bonk
Group member of **'*MOOCs, personalized learning and culture sensitivity'*** project

Sept.2015- 2019   Instructional Design Research Group led by Professor Elizabeth Boling
Group member of **'*Instructional designers' core judgment'*** project
Group member of **'Precedent in design'** project

Sept. 2017- 2019   Online Learning (IDEAL) Research Group led by Dr. Gamze Ozogul
Group member of **'*Cascading Communication in Teams in an Online Learning Environment'*** project

Sept. 2018- 2019   Computer Education Research Group led by Professor Anne Leftwich
Group member of a Google grant project-- **'*Examining the impact of socially relevant problem-based learning curriculum at the elementary level: Students' CS interest/knowledge and teachers' implementation needs*'** project

Jan. 2016-July 2018   Computer-Supported Collaborative Learning (CSCL) Research Group led by Dr. Kyungbin Kwon
Group member of '***Teacher's self-efficacy toward mobile technology matters***' project

Sep. 2015- July 2018   Online Teaching Research Group led by Dr. Yonjoo Cho
Group coordinator of **'*Assessing the needs of students and instructors to improve online courses'*** project

Research project (Beijing Normal University, Beijing, China)

Sept. 2008-Dec. 2009 **Research Assistant**
Mobile Learning Group
Researcher in '***The service system and key techniques of ubiquitous learning resource***' project (National Natural Science Foundation of China)

Dec. 2011-May 2012 **Research Assistant**
Mobile Learning Research Group
Group member of ***'Information service system of Beijing and its key problems'*** project

Dec. 2008-Oct. 2010 **Research Group Leader**
Mobile Learning Research Group
Group leader of '***The development and industrialization of the mobile terminal which supports IPV6***' project (National Natural Science Foundation of China)

May 2010-Aug. 2010 **Co-writer**
Textbook Writing Group, Adobe Co. and Beijing Normal University, Beijing, China
Co-writer of the training textbook '***Educational application and resources production of E-learning***'

RESEARCH FUNDING, CONTRACTS, & GRANTS

2023-2024   Seed Grant, Wayne State University, $10,000: Leveraging Artificial Intelligence for Computer Science Students' Self-directed Online Learning. PI: **Meina Zhu.**

2022-2023   University Research Grant, Wayne State University, $10,000: Enhance students' self-directed learning readiness, satisfaction, and engagement in online learning. PI: **Meina Zhu.**

2019-2022   Trends and Issues in Computer Science Education: Data Mining from Twitter, Wayne State University Big Data seed funding, $15,449, PI: **Meina Zhu;** Co-PI: Cheng Wang.

2019-2021   A Collaborative Research to Investigate Air Pollution in Detroit Using Big Data Approach, Wayne State University Big Data seed funding, $14,565, PI: Yaoxian Huang; Co-PIs: Sara Masoud and **Meina Zhu**.

2021-2022   Educational Development Grant, Wayne State University, $8,000: A Series of Emerging Learning Technology Courses Using Project-Based Learning &

Learning Analytics: The Design, Development, Delivery & Evaluation of Six New Courses. PI: Ke Zhang; Co-PI: **Meina Zhu**.

HONORS & AWARDS

2023	United States Distance Learning Association (USDLA) Rising Star Award (Gold Level)
2022	AERA Division C New Faculty Mentoring Program (NFMP) Award, AERA
2021	Outstanding Early Career Researcher Award- Technology, Instruction, Cognition, and Learning (TICL) Special Interest Group, AERA
2021	Outstanding International Research Collaboration Award - Technology, Instruction, Cognition, and Learning (TICL) Special Interest Group, AERA
2020	Outstanding AECT Conference Proposals- Distance Learning Division (DDL), AECT
2018	AECT Early Career Research Symposium Award, AECT
2018	Jerrold E. Kemp Instructional Systems Technology Fellowship Fund ($1,900) Indiana University
2018	L.C. and Sharon Larson Fund ($1,000), Indiana University
2018	OER Research Fellows, the Open Education Group.
2017	Jerrold E. Kemp Instructional Systems Technology Fellowship Fund ($5,00), Indiana University
2017	L.C. and Sharon Larson Fund ($1,000), Indiana University
2015	School of Education Fellowship, Indiana University
2010	Academic Excellent Scholarship, Beijing Normal University

PUBLICATIONS: PEER-REVIEWED JOURNAL ARTICLES

1. **Zhu, M.,** Berri, S., Huang, Y., & Masoud, S. (accepted). Enhancing computer science and engineering students' self-directed learning and satisfaction with online learning. *Computers and Education Open.*

2. Li, Z., **Zhu, M**., Kadirova, D., Bonk, C. (accepted). Towards self-directed learning: How do Nepali adolescents learn with MOOCs? *Distance Education.*

3. Wang, C., Qu, P., & **Zhu, M.** (accepted). Course Design Practices Using Open Educational Resources (OER)-Enabled Pedagogy in Language Teacher Education. *The Journal of Applied Instructional Design.*

4. **Zhu, M.,** & Wang, C. (accepted). Core competencies of K-12 computer science education from the perspectives of college faculties and K-12 teachers. *International Journal of Computer Science Education in Schools.*

5. Doo, M.-Y. & **Zhu, M.** (2023). A meta-analysis of effects of self-directed learning in online learning. *Journal of Computer Assisted Learning.* http://doi.org/10.1111/jcal.12865

6. **Zhu, M.,** Berri, S., Koda, R., & Wu, Y**.** (2023). Exploring students' self-directed learning strategies and satisfaction in online learning. *Education and Information Technologies.* https://doi.org/10.1007/s10639-023-11914-2

7. Zhang, K. & **Zhu, M.** (2023). Facilitate online problem-based learning using 4S PBL: Strategies and technologies. *Distance Learning.* https://doi.org/10.6084/m9.figshare.21695633.v1

8. Bonk, C. J. & **Zhu, M.** (2023). On the trail of self-directed learners. *ECNU Review of Education.* doi: 10.1177/20965311231169795

9. Doo, M.-Y., **Zhu, M.,** & Bonk, C. J. (2023). A systematic review of the research trends in online learning during COVID-19: Documenting the sudden shift. *Online Learning, 27* (1). http://dx.doi.org/10.24059/olj.v27i1.3405

10. **Zhu, M.** & Wang, C. (2023) Computer science teaching strategies, challenges and K-12 teachers' professional development opportunities and need. *Computers in the Schools,* 1-22. https://doi.org/10.1080/07380569.2023.2178868

11. Doo, M.-Y., **Zhu, M.,** & Bonk, C. J. (2023). Influences of self-directed learning on learning outcomes in MOOCs: Meta-analysis. *Distance Education, 44*(1), 86-105. https://doi.org/10.1080/01587919.2022.2155618

12. **Zhu, M.** & Ergulec, F. (2023). Strategies for online collaborative learning assessment: A systematic review. *Distance Education*, *44*(3), 522-543. https://doi.org/10.1080/01587919.2022.2150127

13. Malik, K. & **Zhu, M.** (2023) Do project-based learning, hands-on activities, and flipped teaching enhance student's learning of introductory theoretical computing classes? *Education and Information Technologies, 28* (3), 3581-3604. https://doi.org/10.1007/s10639-022-11350-8

14. **Zhu, M. &** Zhang, K. (2023). Promote collaborations in online problem-based learning in a user experience design course: Educational design research. *Education and Information Technologies, 28* (6), 7631-7649. https://doi.org/10.1007/s10639-022-11495-6

15. **Zhu, M.** & Bonk, C. J. (2022). Guidelines and strategies for fostering and enhancing online

self-directed learning. *Open Learning: The Journal of Open and Distance Learning.*
https://doi.org/10.1080/02680513.2022.2141105

16. Zhang, K. & **Zhu, M.** (2022). Define "Learning Engineering" with the TRAP Framework. *Engineering Technology Open Access Journal*, *4*(2). https://dx.doi.org/10.19080/ETOAJ.2022.04.555635

17. Lee, Y. & **Zhu, M.** (2022). Digital game-based learning can develop students' literacy skills and meet learning standards. *Computers in the Schools, 39*(3), 274-296. https://doi.org/10.1080/07380569.2022.2075163

18. **Zhu, M.,** Sari, A. R., & Lee, M. M. (2022). Trends and issues in MOOC learning analytics empirical research: A systematic literature review (2011-2021). *Education and Information Technologies,* 27(7), 10135-10160. https://doi.org/10.1007/s10639-022-11031-6

19. **Zhu, M.,** Bonk, C. J., & Berri, S. (2022). Fostering self-directed learning in MOOCs: Motivation, learning strategies, and instruction. *Online Learning, 26*(1), 153-173. doi: 10.24059/olj.v26i1.2629

20. Gamze, O., **Zhu, M.,** & Phillips, T. (2022). Student perceptions and actuals of cognitive presence: A case study of an intentionally designed asynchronous online course. *Online Learning*, *26*(1), 38-57. doi: 10.24059/olj.v26i1.3051

21. **Zhu, M.** (2022). Designing and delivering MOOCs to motivate learners for self-directed learning. *Open Learning: The Journal of Open and Distance Learning.* https://doi.org/10.1080/02680513.2022.2026213

22. **Zhu, M.** & Zhang, Y. (2022). Medical and public health instructors' perceptions of online teaching: A qualitative study using technology acceptance model 2. *Education and Information Technologies, 27* (2), 2385-2405. https://doi.org/10.1007/s10639-021-10681-2

23. Masoud, S., **Zhu, M.,** Rickli, J., & Djuric, A. (2022). Challenges and Future Directions for Extended Reality-enabled Robotics Laboratories During COVID-19. *Technology Interface International Journal*, 14.

24. **Zhu, M.** & Doo, M.-Y. (2022). The relationship among motivation, self-monitoring, self-management, and learning strategies of MOOC learners. *Journal of Journal of Computing in Higher Education, 34*(2), 321-342. https://doi.org/10.1007/s12528-021-09301-2

25. **Zhu, M.** & Kadirova, D. (2022). Self-directed learners' perceptions and experiences of learning computer science through MIT OCW. *Open Learning: The Journal of Open and Distance Learning, 37*(4), 370-385. https://doi.org/10.1080/02680513.2020.1781606

26. Phan, T., **Zhu, M.**, & Pau, M. (2021). The effects of technological professional

development training on faculty's perceptions and actual use of technology. *Educational Media International, 58*(4), 335-354. https://doi.org/10.1080/09523987.2021.1989767

27. Liao, JYC, Ottenbreit-Leftwich, A., **Zhu, M.,** Jantaraweragul, K., Christie, L., Krothe, K., Sparks, K. (2021). How can we support online learning for elementary students? Perceptions and experiences of technology award-winning K-6 teachers. *TechTrends, 65*(6), 939-951. https://doi.org/10.1007/s11528-021-00663-z

28. **Zhu, M. (**2021). Enhancing MOOC learners' skills for self-directed learning. *Distance Education, 42*(3), 441-460. https://doi.org/10.1080/01587919.2021.1956302

29. **Zhu, M.,** Berri, S., & Zhang, K. (2021). Effective instructional strategies and technology use in blended learning: A case study. *Education and Information Technologies, 26*(5), 6143-6161. https://doi.org/10.1007/s10639-021-10544-w

30. Phan, T., Pau, M., & **Zhu, M**. (2021). Faculty's profile uses of technology in the classroom: How their uses of technology are affected by their teaching goals and perceptions of instructional technology. *Contemporary Educational Technology, 13*(3). https://doi.org/10.30935/cedtech/10885

31. Masoud, S., Mariscal, N., Huang, Y., & **Zhu, M.** (2021). A sensor-based data driven framework to investigate PM2.5 in the greater Detroit area. *IEEE Sensors Journal, 21*(14), 16192-16200. doi: 10.1109/JSEN.2021.3076041.

32. **Zhu, M**., Sabir, N., Bonk, C. J., Sari, A., Xu., S., & Kim, M. (2021). Addressing learner cultural diversity in MOOC design and delivery: Strategies and practices of instructors and experts. *Turkish Online Journal of Distance Education, 22(2),* 1-25. https://doi.org/10.17718/tojde.906468

33. **Zhu, M.** & Basdogan, M. (2021). Examining social learning in an active learning classroom through pedagogy-space-technology framework. *Journal of Learning Space, 10*(1), 15-26. http://libjournal.uncg.edu/jls/article/viewFile/2025/1523

34. Tomita, K., Alangari, H., **Zhu, M.**, Ergulec, F., Lachheb, A., & Boling, E., (2021). Challenges implementing qualitative research methods in a study of instructional design practice. *TechTrends 65*, 144–151.https://doi.org/10.1007/s11528-020-00569-2

35. An, Y., **Zhu, M.,** Bonk, C. J., & Lin, L. (2021). Exploring instructors' perspectives, practices, and perceived support needs and barriers related to the gamification of MOOCs. *Journal of Computing in Higher Education, 33*(1), 64-84. https://doi.org/10.1007/s12528-020-09256-w

36. **Zhu, M.,** Sari, A. R., & Lee, M. M. (2020). A comprehensive systematic review of MOOC research: Research techniques, topics, and trends from 2009 to 2019. *Educational*

Technology Research and Development 68(4), 1685-1710. https://doi.org/10.1007/s11423-020-09798-x

37. **Zhu, M.** (2020). Effective pedagogical strategies for STEM education from instructors' perspective: OER for educators. *Open Praxis,12* (2), 257-270. https://dx.doi.org/10.5944/openpraxis.12.3.1074

38. **Zhu, M.** & Bonk, C. J. (2020). Technology tools and instructional strategies for designing and delivering MOOCs to facilitate self-monitoring of learners. *Journal of Learning for Development, 7*(1), 31-45. https://jl4d.org/index.php/ejl4d/article/view/380/447

39. **Zhu, M.,** Bonk, C. J., & Doo, M.-Y. (2020). Self-directed learning in MOOCs: Exploring the relationships among motivation, self-monitoring, and self-management. *Educational Technology Research and Development, 68*(5), 2073-2093. https://doi.org/10.1007/s11423-020-09747-8

40. **Zhu, M.,** Basdogan, M., & Bonk, C. J. (2020). A case study of the design practices and judgments of novice instructional designers. *Contemporary Educational Technology, 12*(2). https://doi.org/10.30935/cedtech/7829

41. Phan, T., & **Zhu, M.** (2020). Professional development journey in MOOCs by pre-and in-service teachers. *Educational Media International, 57*(2), 148-166. https://doi.org/10.1080/09523987.2020.1786773

42. Doo, M. Y., **Zhu, M.,** Bonk, C. J., & Tang, Y. (2020). The effects of openness, altruism, and instructional self-efficacy on work engagement of MOOC instructors. *British Journal of Educational Technology, 51*(3), 743-760. https://doi.org/10.1111/bjet.12882

43. Doo, M., Tang, Y., Bonk, C. J., & **Zhu, M**. (2020). MOOC instructor motivation and career development. *Distance Education, 41*(1), 26-47. https://doi.org/10.1080/01587919.2020.1724770

44. Sari, A. R., Bonk, C. J., & **Zhu, M**. (2020). MOOC instructor designs and challenges: What can be learned from existing MOOCs in Indonesia and Malaysia? *Asia Pacific Education Review, 21*(1), 143-166. https://doi.org/10.1007/s12564-019-09618-9

45. **Zhu, M.,** & Bonk, C. J. (2019). Designing MOOCs to facilitate participant self-monitoring for self-directed learning. *Online Learning, 23*(4), 106-134. http://dx.doi.org/10.24059/olj.v23i4.2037

46. **Zhu, M.** & Bonk, C. J. (2019). Designing MOOCs to facilitate participant self-directed learning: An analysis of instructor perspectives and practices. *International Journal of Self-Directed Learning, 16*(2), 39-60. https://6c02e432-3b93-4c90-8218-8b8267d6b37b.filesusr.com/ugd/6c1db2_3ab135498618442abe908811fb68a1b2.pdf

47. **Zhu, M.,** Herring, S. C., & Bonk, C. J. (2019). Exploring presence in online learning through three forms of computer-mediated discourse analysis. *Distance Education, 40*(2), 205-225. https://doi.org/10.1080/01587919.2019.1600365

48. **Zhu, M.,** Bonk, C. J., & Sari, A. (2019). MOOC instructor motivations, innovations, and designs: Surveys, interviews, and course reviews. *Canadian Journal of Learning and Technology, 45*(1), 1-22. https://doi.org/10.21432/cjlt27795

49. Kwon, K., Ottenbreit-Leftwich, A.T., Sari, A., Khlaif, Z., **Zhu, M.,** Nadiruzzaman, H., Gok. F. (2019). Teacher's self-efficacy matters: Mobile computing device integration in middle schools. *TechTrends, 63*(6), 682–692. https://doi.org/10.1007/s11528-019-00402-5

50. **Zhu, M.**, Bonk, C. J., & Sari, A. (2018). Instructor experiences designing MOOCs in higher education: Pedagogical, resource, and logistical considerations and challenges. *Online Learning, 22*(4), 203-241.
https://olj.onlinelearningconsortium.org/index.php/olj/article/view/1495

51. Bonk, C. J., **Zhu, M**., Kim, M., Xu, S., Sabir, N., & Sari, A. (2018). Pushing toward a more personalized MOOC: Exploring instructor selected activities, resources, and technologies for MOOC design and implementation. *The International Review of Research on Open and Distributed Learning* (IRRODL), *19*(4), 92-115.
http://www.irrodl.org/index.php/irrodl/article/view/3439/4726;

52. **Zhu, M.,** Sari, A., & Lee, M. M. (2018). A systematic review of research methods and topics of the empirical MOOC literature (2014-2016). *The Internet and Higher Education, 37,* 31-39. https://doi.org/10.1016/j.iheduc.2018.01.002

53. Boling, E., Alangari, H., Gyabak-Kumka, K., Guo, M., Hajdu, I., Khlaif, Z., Kizilboga, R., Tomita, K. Alsaif, M., Lachheb, A., Bae, H., Ergulec, F., **Zhu, M.**, Basdogan, M., Buggs, C., Sari, A., & Techawitthayachinda, R. (2017). Core judgments of instructional designers in practice. *Performance Improvement Quarterly, 30*(3), 199-219. https://doi.org/10.1002/piq.21250

54. Li., Y., **Zhu, M.,** Huang, R., & Feng, N. (2010). Research on mobile learning-from practitioner's perspective. *China Information Technology Education*. Vol. 09, 82-88.

PUBLICATIONS: NON-PEER-REVIEWED ARTICLES

1. **Zhu, M.** (2021). Reimagining Digital Learning for Sustainable Development: How Upskilling, Data Analytics, and Educational Technologies Close the Skills Gap: edited By Sheila Jagannathan. *American Journal of Distance Education.*
https://doi.org/10.1080/08923647.2021.1995694

ARTICLES UNDER REVIEW

1. **Zhu, M.,** Masoud, S., & Huang, Y. The relationships among motivation, self-monitoring, self-management, and satisfaction in computer science and engineering online courses. *Education and Information Technologies.*

2. **Zhu, M.** Exploring the relationships among motivation, self-monitoring, self-management, and satisfaction in online learning. *British Journal of Educational Technology.*

3. Wang, C. & **Zhu, M.,** Trends and patterns in K-12 computer science education: Data analysis from Twitter. *Education and Information Technologies.*

4. Bamanger, E., Gashan, A., & **Zhu, M.** The Effect of an Augmented Reality-based Program on Learners' EFL Achievement. *Journal of Research on Technology in Education.*

5. Li, Z., Kadirova, D., Bonk, C., **Zhu, M**. Community in Open Supports, Challenges, and Impacts of Local Learning Communities of Adolescent MOOC Learners. *Educational Technology & Society.*

6. Li, Z., Zheng, X., Bonk, C., **Zhu, M** Designing MOOCs in South America towards a More Open and Equitable Education World: Instructor Perspectives. *International Journal of Educational Technology in Higher Education.*

PUBLICATIONS: BOOKS

Bonk, C. J. & **Zhu, M.** (Eds.). (2022) *Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy*. NY: Routledge https://doi.org/10.4324/9781003213840

Book Chapters, Forewords, and Other Book Contributions:

1. Bonk, C. J., & **Zhu, M.** (2022). Preface: Before making impact. In C. J. Bonk, & Zhu, M. (Eds.), *Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy*. NY: Routledge.

2. Bonk, C. J., & **Zhu, M.** (2022). Time for making impact. In C. J. Bonk, & Zhu, M. (Eds.), *Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy.* NY: Routledge.

3. **Zhu, M.,** & Bonk, C. J. (2022). After making impact. In C. J. Bonk, & Zhu, M. (Eds.), *Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy*. NY: Routledge.

4. Cho, Y., **Zhu, M.**, Techawitthayachinda, R., & Ling, Q. (2019). Assessing the needs of students and instructors to improve online courses. In D. F. Russ-Eft & C. M. Sleezer (Ed.) *Case studies in needs assessment* (pp. 48-60). Washington DC: Sage

5. **Zhu, M.** (2015). The reform of the curriculum system of the Spanish department. In Chang, F. (Eds.), *Study of Spanish language and culture* (263-271). Beijing: FLTPR.

6. **Zhu, M.** (2011). The reform strategies of education administration to enhance foreign language learners' creativity. *Essays of Teaching in Beijing Foreign Studies University* (82-88). Beijing: FLTPR.

PUBLICATIONS: CONFERENCE PROCEEDINGS (PEER-REVIEWED)

1. Olesova, L., Sadaf, A., Kumar, S., Ozogul, G., **Zhu, M.,** Moore, R., Miller, C., Phillips, T. (2022). Cognitive Presence in Online Courses: Design and Facilitation of Collaborative Learning. *In the 45th Annual Proceeding of AECT Convention, Volume 2.*

2. Djuric, A., **Zhu, M.**, Shi, W., Palazzolo, T., & Reynolds, R.G. (2021, July). Using Cobots, Virtual Worlds, and Edge Intelligence to Support On-line Learning. *In International Conference on Human-Computer Interaction* (pp. 373-386). Springer, Cham.

3. **Zhu, M.** & Bonk, C. J. (2019, September). Research on how instructors design and deliver MOOCs to facilitate participant self-monitoring. *Proceedings of the Pan-Commonwealth Forum 9 (PCF9), 2019*, Edinburgh, Scotland, UK. Burnaby, British Columbia, Canada: Commonwealth of Learning. http://oasis.col.org/bitstream/handle/11599/3233/PCF9_Papers_paper_276.pdf?sequence=1&isAllowed=y

4. **Zhu, M.,** Sari, A. & Bonk, C. J. (2018). A Systematic Review of MOOC Research Methods and Topics: Comparing 2014-2016 and 2016-2017. *Proceedings of EdMedia: World Conference on Educational Media and Technology* (pp. 1676-1685). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/184395/.

5. **Zhu, M.,** Bonk, C. J., & Sari, A. (2017, October). Instructor Experiences in Designing and Delivering Interactive MOOCs in Higher Education. *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, 2017,* Vancouver, British Columbia, Canada (pp. 502-508). ISBN 978-

1-939797-31-5. Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). http://www.learntechlib.org/pv/181226/

6. Li., Y., **Zhu, M.,** & Wu, L. (2011, July). Overview and Development Orientation of Mobile Learning. *Proceedings of Symposium of Artificial Intelligence and Computer-aided Education of China*, Qingdao, China, 104-118.

7. Li., Y., **Zhu, M.**, Wu, L. Ma, J., & Huang, R. (2010, August). Research on Applying Podcast Technology for on-Campus Students. *Proceedings of 6th International Conference on Digital Content, Multimedia Technology and its Applications,* Seoul, Korea, 332-339.

PUBLICATIONS: INTERVIEWS

1. **Zhu, M.,** & Zhao, Y. (2017). MOOCs and open education: Possible roles, pedagogical practices, personalization, and pending trends. China Educational Technology-conversation with Drs. Curtis J. Bonk, Mimi Miyoung Lee, Thomas C. Reeves, and Thomas H. Reynolds, *China Educational Technology, 364,* 30-39.

2. **Zhu, M.**, & Zhao, Y. (2017, May 16). China Educational Technology-conversation with Drs. Curtis J. Bonk, Mimi Miyoung Lee, Thomas C. Reeves, and Thomas H. Reynolds, *Innovate Learning Review*. Available: http://innovatelearningreview.org/china-educational-technology-a-conversation-with-curtis-j-bonk-mimi-miyoung-lee-thomas-c-reeves-and-thomas-h-reynolds/ (Note: This is an excerpt (in English) of interview published in China Educational Technology, May 2017)

CONFERENCE PRESENTATIONS (PEER-REVIEWED)

1. Zheng, X., Li, Z., Bonk, C. J., **Zhu, M.** & Reynolds, T. (2023, October). Investigating South American Massive Open Online Course (MOOC) Instructors' Designs Supporting SDL. To be presented at 2023 Association for Educational Communications and Technology (AECT) Annual Meeting, Orlando, FL.
2. Dennen, V., Bonk, C. J... **Zhu, M.** … (2023, October). DDL-Panel: Systematic reviews of research on online learning. To be presented at 2023 Association for Educational Communications and Technology (AECT) Annual Meeting, Orlando, FL.
3. **Zhu, M.,** Bonk, C. J., & Doo, M. Y., (2023, April). A Systematic Review of the Research Topics in Online Learning During the Pandemic. Presented at 2023 American Educational Research Association (AERA) annual meeting, Chicago, IL**.**
4. **Zhu, M.** & Zhang, K. (2023, March). How to create mobile learning technologies: A design case of an online PBL course. Presented at 2023 19th International Conference Mobile Learning, Lisbon, Portugal.
5. Zheng, Y., Li, Z., Bonk, C. J., **Zhu, M.,** & Reynolds, T. (2023, March). Investigating South

American Massive Open Online Course (MOOC) Instructors' Designs Supporting SDL. Presentation at the 23rd Annual IST Conference, Bloomington, IN.

6. **Zhu, M.** & Wang, C. (2022, October). K-12 Computer Science teachers' professional development opportunities and need. Presented at 2022 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

7. **Zhu, M.** & Zhang, K. (2022, October). Creating an online course on simulation and serious games: An educational design research. Presented at 2022 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

8. Masoud, S., **Zhu, M.,** Rickli, J., Djuric, A. (2022, October). Robotics Laboratory During COVID-19: Challenges and Future Directions. Presented at 2022 International Association of Journals and Conferences (IAJC) annual meeting, Orlando, FL.

9. **Zhu, M.,** & Ergulec, F. (2022, June). Strategies to assess online collaborative learning: A systematic review. Presented at EdMedia + Innovate Learning 2022, New York City, New York.

10. **Zhu, M.,** Berri, S., Huang, Y., & Masoud, S. (2022, April). Computer science and engineering students' self-directed learning strategies and satisfaction in online learning. Presented at 2022 American Educational Research Association (AERA) annual meeting, San Diego, CA.

11. **Zhu, M.,** & Zhang, K. (2022, April). Strategies for collaborative learning in online problem-based learning: Design-based research. Presented at 2022 American Educational Research Association (AERA) annual meeting, San Diego, CA.

12. **Zhu, M.,** Sari, A. R., & Lee, M. M. (2022, April). Learning analytics in MOOCs empirical research: A systematic literature review. Presented at 2022 American Educational Research Association (AERA) annual meeting, San Diego, CA.

13. **Zhu, M.,** & Wang, C. (2022, April). Core competencies of K-12 computer science education from the perspectives of college faculties and K-12 teachers. Presented at 2022 American Educational Research Association (AERA) annual meeting, San Diego, CA.

14. Reynolds, R.G. Djuric, A., **Zhu, M.,** Shi, W., & Palazzolo, T. (2022, March). Monitoring and Maintaining Student Online Classroom Participation Using Cobots, Edge Intelligence, Virtual Reality, and Artificial Ethnographies. Presented at SSS-22 (AAAI Spring Symposium Series 2022), Palo Alto, California.

15. **Zhu, M.,** & Malik, K. (2021, November). Using Serious Games, Project-based Learning, and Virtual Laboratory to teach AI in Cybersecurity. Presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

16. **Zhu, M.,** Wu, S., & Brewart, R. (2021, November). Students' self-directed learning strategies and satisfaction in online learning. Presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

17. **Zhu, M.,** & Zhang, Y. (2021, November). Medical and Public Health Instructors' Perceptions of Online Teaching during the COVID-19: A Qualitative Study Using Technology Acceptance Model 2. Presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.

18. Zhang, K. & **Zhu, M.** (2021, November). A Series of Emerging Learning Technology Courses Using Project-Based Learning & Learning Analytics: The Design, Development, Delivery & Evaluation of Six Online Courses. Presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.
19. Liao, JYC, Ottenbreit-Leftwich, A., **Zhu, M.,** & Jantaraweragul, K. (2021, November). How Can We Support Elementary Students' Online Learning? Perceptions and Experiences of Technology-Savvy K-6 Teachers. Presented at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.
20. Bonk, C.J. & **Zhu, M.** (2021, November). Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy. Book sharing session presentation at the 2021 Association for Educational Communications and Technology (AECT) International Convention, Chicago, IL.
21. Wang, C., Qu, P., & **Zhu, M.** (2021, October). A textual analysis of a student-created open licensing book. Presented at the 2021 Open education conference.
22. Qu, P., Wang, C., & **Zhu, M.** (2021, October). Using Open Pedagogy to Promote Pre-service Teachers' Identity Development during the Pandemic: Share, Communicate, and Exchange through YouTube and Blogs. Presented at the 2021 Open education conference.
23. Djuric, A., **Zhu, M.,** Shi, W., & Reynolds, R.G. (2021, July). Sustainable Interpersonal Learning OPtimization (SILO). Presented at the 2021 HCI international conference, Washington DC.
24. Reynolds, R.G. Djuric, A., **Zhu, M.,** & Shi, W. (2021, July). Monitoring and maintaining online students' focus of attention using Human-Robot-Learning-Units (HRLUs). Presented at the 2021 HCI international conference, Washington DC.
25. **Zhu, M.** & Basdogan, M. (2020, November). Examining Social Learning in an Active Learning Classroom through Pedagogy-Space-Technology Framework. Presented at the 2020 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL. (Online conference)
26. **Zhu, M.,** Bonk, C. J., & Berri, S. (2020, November). Students' Self-directed Learning Strategies in MOOCs. Presented at the 2020 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL. (Online conference)
27. **Zhu, M.,** Berri, S., & Zhang, K. (2020, June). Designing a blended course with emerging learning technologies to engage learners: A case study. Presented at the OLC Innovate 2020, Chicago, IL. (Online conference)
28. Berri, S., **Zhu, M.,** & Zhang, K. (2020, June). How to leverage emerging learning technologies to engage students in blended learning: Innovative instructional strategies & best practices. Presented at the OLC Innovate 2020, Chicago, IL. (Online conference)
29. Phan, T. & **Zhu, M.** (2020, June). Professional development journey in MOOCs by pre- and in-service teachers. The EdMedia + Innovate Learning 2020, New Amsterdam, Netherlands. (Conference canceled)
30. Masoud, S., Huang, Y., & **Zhu, M.** (2020, May). Sensor-based Data Driven Framework to Investigate Air Pollution in Detroit. Presented at the IISE Annual Conference & Expo 2020, New Orleans, LA. (Online conference)

31. **Zhu, M.,** Leftwich, A., & Bonk, C. J., (2020, April). *Integration of Pedagogy, Space, and Technology for Computer-supported Collaborative Learning in Active Learning Classrooms.* The 2020 American Educational Research Association (AERA) annual meeting, San Francisco, CA. (Conference canceled)

32. **Zhu, M.,** Sari, A., & Lee, M. M., (2020, April). *A Comprehensive Systematic Review of MOOC Research Methods, Focuses, Origins, and Outlets from 2009 to 2019.* The 2020 American Educational Research Association (AERA) annual meeting, San Francisco, CA. (Conference canceled)

33. Bonk, C. & **Zhu, M.,** (2020, April). *A Mixed Method Investigation of MOOC Instructor Design and Delivery to Facilitate Participant's Self-directed Learning.* The 2020 American Educational Research Association (AERA) annual meeting, San Francisco, CA. (Conference canceled)

34. Doo, M. Y., **Zhu, M.,** Bonk, C. J., & Tang, Y., (2020, April). *The Effects of Openness, Altruism, and Instructional Self-Efficacy on Work Engagement of MOOC Instructors.* The 2020 American Educational Research Association (AERA) annual meeting, San Francisco, CA. (Conference canceled)

35. An, Y., **Zhu, M.,** Bonk, C. J., & Lin, L., (2020, April). *Exploring Instructor Perceptions and Practices Related to the Gamification of MOOCs.* The 2020 American Educational Research Association (AERA) annual meeting, San Francisco, CA. (Conference canceled)

36. Morrone, A. S., **Zhu, M.,** Andrews, C., & Basdogan, M., (2020, March). *The design of an immersive informal learning space for STEM education.* The 2020 ELI Annual Meeting, Bellevue, WA. (Conference canceled)

37. **Zhu, M.** & Bonk, C., J. (2019, October). *Self-directed Learners' Perceptions and Experiences of Learning STEM through MIT OCW.* Presented at 2019 Open Education Conference, Phoenix, AZ.

38. Bonk, C. J., Doo, M., Tang, Y., & **Zhu, M**. (2019, October). *Mixed Methods Look at MOOC Instructor Motivation and Career and Professional Development.* Presented at 2019 Open Education Conference, Phoenix, AZ.

39. **Zhu, M.,** Loucks, S., & Ozogul, G. (2019, October). *Adult Learning Principles-Driven Instructional Design for an Online Graduate Class: Graduate Students' Perceptions of Course Design Captured Using the Community of Inquiry Framework.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

40. Phan, T. & **Zhu, M.** (2019, October). *Journey to Massive Open Online Courses by Pre- and In-service Teachers.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

41. Pawan, F., Qu, P., **Zhu, M**., & Zhong, W. (2019, October). *Online PD for English Teachers in Rural China: China-Planting Seeds of Change?* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

42. An, Y., Bonk, C., J., Lin, L., & **Zhu, M.** (2019, October). *Exploring Instructors' Perspectives on the Use of Gamification in MOOCs.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

43. Loucks, S., Ozogul, G., Lachheb, A., Abramenka, V., Abramenka, V., Sari, A., & **Zhu, M.** (2019, October). *Professional Learning in Action: Using Virtual Teams to Teach*

Leadership in an Online Business Course. Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

44. Kwon, K. Ottenbreit-Leftwich, A., Brush, T., Jeon, M., **Zhu, M.**, & Gok, F. (2019, October). *Exploring 6th-grade Students' CT Concepts and Practices.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

45. Ottenbreit-Leftwich, A., Brush, T., … **Zhu, M.**,… Dalkilic. M. (2019, October). *Inspiring the Next Generation of Learners: Using Socially Relevant Computer Science (CS) Problem-based Learning Curriculum at the 6th Grade Level.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

46. Boling, E., & **Zhu., M.**, Bhattacharya, P. and coworkers (2019, October). *Design precedent: Critical knowledge as it is defined and used across fields of design.* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

47. **Zhu, M**. (2019, October). *Learning from Experts in Early Career Symposium (ECS).* Presented at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

48. **Zhu, M.** & Bonk, C. J. (2019, September). *Research on how instructors design and deliver MOOCs to facilitate participant self-monitoring.* Presented at the Pan-Commonwealth Forum 9 (PCF9), Edinburgh, Scotland, UK.

49. **Zhu, M.,** Bonk, C., J., & Sari, A. (2019, April). *Designing MOOCs to Facilitate Participant Self-directed Learning: An Analysis of Instructor Perspectives and Practices.* Presented at the 2019 American Educational Research Association (AERA) annual meeting, Toronto, Ontario, Canada.

50. Roman, T. & **Zhu, M.** (2019, April). *Learning spaces at scale: A university-level classroom needs analysis.* Presented at the 2019 American Educational Research Association (AERA) annual meeting, Toronto, Ontario, Canada.

51. **Zhu, M.** & Bonk, C., J. (2019, March). *Fostering Personalization, Engagement, and Self-Directed Learning in MOOCs: Insights from a Series of Research Studies.* Presented at the IST conference 2019, Bloomington, IN.

52. Boling, E., **Zhu, M.** and coworkers (2019, March). *Study of design practice to inform theory and pedagogy.* Presented at the IST conference 2019, Bloomington, IN.

53. Morrone, A. S. & **Zhu, M.** (2019, February). *Methods for conducting a university-wide classroom needs analysis.* Presented at the 2019 ELI Annual Meeting, Anaheim, CA.

54. **Zhu, M.**, Basdogan, M., & Bonk, C. J. (2018, October). *A Case Study of the Design Practices and Judgments of Novice Instructional Designers in Public Health Majors.* Presented at the 2018 Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

55. **Zhu, M.**, Herring, S., & Bonk, C. J. (2018, October). *Presence in Online Learning: A Discourse Analysis of Asynchronous Discussion.* Presented at the 2018 Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

56. Sari, A., Bonk, C. J., & **Zhu, M.** (2018, October). *'Instructors' Reasons and Considerations in Designing MOOCs: A South East Asian's Perspectives.* Presented at the 2018

Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

57. Sari, A., Bonk, C. J., & **Zhu, M.** (2018, October). *The Design Challenges of MOOCs: A Case Study of Indonesian and Malaysian MOOCs.* Presented at the 2018 Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

58. Ozogul, G., Loucks, S., Lachheb, A., Sari, A., **Zhu, M.,** Abramenka, V., Abramenka, V., & Chaudhuri, P. (2018, October). *Large Online Undergraduate Business Course: A study on Cascading Communication as an Instructional Strategy.* Presented at the 2018 Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

59. Bonk, C. J., Lin, Lin., Zhang, K., Gao, F., Dennen, V., Hilton, J., Wiley, D., **Zhu, M.,** Sari, A. R., Martin, F., & Budhrani, K. (2018, October). *Systematic Reviews of the Research on Emerging Online Technologies: What's Been Done; What's to Come.* A presidential panel, presentation at the 2018 Association for Educational Communications and Technology (AECT) Annual Meeting, Kansas, MO.

60. **Zhu, M.,** Bonk, C., J., & Sari, A. (2018, October). *A Mixed Method Study of Instructor Design and Delivery of MOOCs for Participant Self-directed Learning.* Presented at E-Learn 2018— World Conference on E-Learning, Las Vegas, NV.

61. **Zhu, M**., Sari, A., & Bonk, C. J. (2018, June). *A Systematic Review of MOOC Research Methods and Topics: Comparing 2014-2016 and 2016-2017*. Presented at EdMedia 2018: World Conference on Educational Media and Technology, Amsterdam, Netherlands.

62. Marciniak, M., Paradowski, M., & **Zhu, M**. (2018, April) *Different forms of assessment in a pronunciation MOOC – reliability and pedagogical implications.* Presented at the 3rd World Conference on Blended Learning (IABL 2018), Warsaw, Poland.

63. **Zhu, M**., Bonk, C. J., & Sari, A. (2018, April). *Instructor Experiences in Designing MOOCs in Higher Education: Considerations and Challenges*. Presented at the 2018 American Educational Research Association (AERA) annual meeting, New York City, NY.

64. Bonk, C. J., **Zhu, M.**, & Sari, A. (2018, April). *MOOC Instructor Motivations, Innovations, and Designs: Surveys, Interviews, and Course Reviews*. Presented at the 2018 American Educational Research Association (AERA) annual meeting, New York City, NY.

65. **Zhu, M**., Bonk, C. J., & Sari, A. (2018, March) *MOOC Instructor Experiences and Pedagogical Choices: Some Instructional Design Considerations and Challenges*. Presented at the IST conference 2018, Bloomington, IN.

66. **Zhu, M.**, Techawitthayachinda, R., Ling, Q., & Cho, Y. (2017, November). *Assessing the Needs of Students and Instructors to Improve Online Courses.* Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

67. **Zhu, M.**, Bae, H., Kwon, K., & Park, J. (2017, November). *The Effect of Instructor Guidance on the Quality of Online Discussion.* Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

68. Boling, E., Ergulec, F., Gyabak, K., Tomita, K., Kizilboga, R., **Zhu, M.,** Lachheb, A., & Alangari, H. (2017, November). *Challenges Implementing Methods in a Study of ID Practice.* Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

69. Xu, S., & **Zhu, M.** (2017, November). *A Review of OER for ESL Teaching and Learning.* Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

70. Sari, A., **Zhu, M.**, & Lee, M. (2017, November). *A Systematic Review of Research Methods and Topics of the Empirical MOOC Literature*. Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

71. Kwon, K., Khlaif, Z., Nadir, H., Gok, F, Sari, A., & **Zhu, M.** (2017, November). *Teacher's Self-Efficacy toward Mobile Technology Matters*. Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

72. Karlin, M., Bae, H., Alsaif, M., Basdogan, M., Edelberg, T., Nadiruzzaman, H., Sari, A., **Zhu, M.**, Brush, T., & Glazewski, K.D. (2017, November). *Signals of Reflective Thinking among Middle School Learners in a Maker Environment*. Presented at the 2017 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL.

73. Marciniak, M., Paradowski, M., & **Zhu, M.** (2017, November). *Improving the Reliability of Peer Assessment in Pronunciation MOOCs: The Case of Japanese*. Presented at the 2017 Seoul International Conference on Speech Sciences (SICSS 2017), Seoul, Korea.

74. **Zhu, M.,** Bonk, C. J., & Sari, A. (2017, October). *Instructor Experiences in Designing and Delivering Interactive MOOCs in Higher Education*. Presented at E-Learn 2017—World Conference on E-Learning, Vancouver, British Columbia.

75. Sabir, N., Bonk, C., J., Lee, M., M., **Zhu, M.**, Xu, S., Sari, A., & Kim, M. (2017, April). *Adapting for Learners' Cultural Diversity in Open Courses: MOOC Instructors' Efforts at Personalized Learning Environments*. Presented at the 2017 American Educational Research Association, San Antonio, TX.

76. Bonk, C., J., Sabir, N., Xu, S., Kim, M., **Zhu, M.**, & Sari, A. (2017, April). *Toward a More Personalized MOOC: Resources, Activities, and Technologies for MOOC Design and Implementation.* Presented at the 2017 American Educational Research Association, San Antonio, TX.

77. Karlin, M., Bae, H., Alsaif, M., Basdogan, M., Edelberg, T., Nadiruzzaman, H., Sari, A., **Zhu, M.**, Brush, T., & Glazewski, K.D. (2017, April). *Examining Reflective Thinking in Middle School Design Problem Solving in a Maker Environment*. Presented at the 2017 American Educational Research Association, San Antonio, TX.

78. Sabir, N., Bonk, C., J., **Zhu, M.**, Sari, A., Kim, M. & Xu, S. (2017, March). *Equalizing MOOC Instruction: Instructor perspectives in addressing learner diversity.* Presented at the 2017 Conference of the Comparative International Education Society, Atlanta, GA.

79. **Zhu, M.**, Techawitthayachinda, R., Ling, Q., & Cho, Y. (2017, March). *Assessing the Needs of Students and Instructors to Increase Learning & Satisfaction in IST-Preliminary findings.* Presented at IST conference 2017, Bloomington, IN.

80. Xu, S. & **Zhu, M.** (2017, March). *The Quality, Content, and Pedagogical Design of ESL OER*. Presented at the 2017 Association for Educational Communications and Technology. Presentation at IST conference 2017, Bloomington, IN.

81. Kwon, K., Khalif, Z., **Zhu, M**., Nadir, H., Sari, A., & Gok, F. (2017, March*). Teacher's self-efficacy toward Mobile Technology Matters.* Presented at IST conference 2017, Bloomington, IN.

82. Bonk, C. J., **Zhu, M.**, Sari, A., Kim, M., Sabir, N., & Xu, S. (2016, November). *Instructor Efforts to Address Cultural Diversity in MOOC Design and Application*. Presented at E-Learn 2016—World Conference on E-Learning, Washington, DC.

83. Bae, H., **Zhu, M.**, Techawitthayachinda, R., Alsaif, M., & Cho, Y. (2016, March). *What Do*

Online Students Learn in a Project-Based Class? Presented at IST conference 2016, Bloomington, IN.

84. Khlaif, Z., **Zhu, M**., Gok, F., Nadir, H., Sari, A., & Kwon. K. (2016, March*). Integrating iPads in Schools: Teachers' Perceptions and Attitudes*. Presented at IST conference 2016, Bloomington, IN.

85. **Zhu, M.** (2015, May). Research of Basic Spanish Flipped Classroom Instructional Design Model in Information Technology Environment. Presented at *the 19th Global Chinese Conference on Computers in Education (GCCCE),* Taipei, China.

86. Li., Y., **Zhu, M.,** & Wu, L. (2011, July). *Overview and Development Orientation of Mobile Learning*. Presented at Symposium of Artificial Intelligence and Computer-aided Education of China, Qingdao, China, 104-118.

87. Li., Y., **Zhu, M.**, Wu, L. Ma, J., & Huang, R. (2010, August). *Research on Applying Podcast Technology for on-Campus Students*. Presented at the 6th International Conference on Digital Content, Multimedia Technology and its Applications, Seoul, Korea, 332-339.

CONFERENCE PRESENTATIONS (under review)

1.   **Zhu, M.,** Masoud, S., & Huang, Y. The relationships among online computer science and engineering students' motivation, self-monitoring, self-management, and satisfaction. 2024 American Educational Research Association (AERA) annual meeting, Philadelphia, Pennsylvania.

OTHER CONFERENCE PARTICIPATION

1.   Panel discussion: Olesova, L, Sadaf, A., Kumar, S., Moore, R., Ozogul, G., Miller, C., Courtney, **Zhu, M., &** Phillips, T. (2022, October) Advances in Cognitive Presence: Online Learning Journal Special Issue. Presented at 2022 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

2.   Workshop presenter: Bonk, C. J. & **Zhu, M.** (2022, June). The G3 of Writing and Publishing Tips: Gentle Guidelines, Great Stories, and Gigantic Scholarly Gains. Presented at the EdMedia + Innovate Learning 2022. New York City, New York.

3.   Panel discussion: Martin, F., Ifenthaler, D., **Zhu, M.,** Park, Y., Choi, H., Bong, J. (2021, November). Presidential Panel: Systematic Reviews of Research on Learning Environments and Technology: A Very Special Issue. Presented at 2022 Association for Educational Communications and Technology (AECT) Annual Meeting, Chicago, IL.

4.   Workshop presenter: Dousay, T., DuBoff, B., Bauman, J., Leary, H., Sadaf, A., Olesova, L., Emihovich, B., Hall, B., & **Zhu, M.** (2021, March). Close to the Finish Line: Get Ready to

Finalize your AECT 2021 Proposal. Presented at the Association for Educational Communications and Technology (AECT) GSA session. (Online workshop)

5. Session Moderator: **Zhu, M.** & Basdogan, M. (2021, March 17). How to Motivate and Retain Learners Online by Curtis J. Bonk. Featured webinar presentation for Contact North, Ontario, Canada

6. Panel discussion: **Zhu, M.,** Ding, A., Hajizada, S., Jacimovic, V., & Willis, S., (2021, March). Alumni panel: My journey in IST. Presented at the 2021 Instructional Systems Technology (IST) Annual Meeting, Bloomington, IN. (Online conference)

7. Workshop presenter: Gronseth, S., Bonk, C., J., Reeves, T., Roman, T., & **Zhu, M.** (2020, November). Crafting Writing Spaces: Insights from Educational Technology Scholars Around the World. Presented at the 2020 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL. (Online conference)

8. Workshop presenter: Gronseth, S., Reeves, T., Bonk, C., J., **Zhu, M.,** Roman, T., Lee, D., & Huh Y. (2020, November). Concentration, Cafés, Coffee, and Collaboration: A Discussion of the Craft of Supportive Spaces for Academic Writing. Presented at the 2020 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL. (Online conference)

9. Panel discussion: Bonk, C. J., Dennen, V., Choi, H., Knisely, K., **Zhu, M.,** Lee, M., Martin, F., Chen, Y., Luo, T., Freeman, C., Stefaniak, J., Gao, F., Havard. B., & Sheu F., (2020, November). Systematic Reviews of Research on Learning Environments and Technology: A Very Special Issue. Presented at the 2020 Association for Educational Communications and Technology (AECT) Annual Meeting, Jacksonville, FL. (Online conference)

10. Session Moderator: **Zhu, M.** & Basdogan, M. (2020, July 10). Masterclass Part II: Ultra-Engaging Online and Blended Learning: Introducing the TEC-VARIETY and R2D2 Models. Virtual instructional seminar presentation by Curtis J. Bonk sponsored by Hofstra University, New York, NY.

11. Session Moderator: **Zhu, M.** & Basdogan, M. (2020, July 9). Masterclass Part I: Hyper-Engaging Instructional Strategies for Education 3.0: Critical, Creative, Collaborative. Virtual instructional seminar presentation by Curtis J. Bonk sponsored by Hofstra University, New York, NY.

12. Session Moderator: **Zhu, M.** & Basdogan, M. (2020, July 1). Blend but Don't Break: Introducing the TEC-VARIETY and R2D2 models. Keynote presentation by Curtis J. Bonk at the Go Virtual Symposium: Equity, Diversity, and Inclusion, California State University Long Beach, Long Beach, CA.

13. Session Moderator: **Zhu, M.** & Basdogan, M. (2020, June 29). How to Motivate and Retain Learners Online. Featured international webinar presentation by Curtis J. Bonk for Contact North, Ontario, Canada.

14. Session facilitator: Muljana, P. & **Zhu, M.** (2019, October). Learning Analytics: Intersections with ID, Research, and Practice (Dirk Ifenthaler, Clara Schumacher, Dongho Kim, Andrew Tawfik). GSA panel discussion at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

15. Session facilitator: Duha, M., **Zhu, M.,** Bankole, R. (2019, October). Professional Development as an International Student (Jennifer Richardson, Xiaoxue Wang, Cindy York). GSA panel discussion at 2019 Association for Educational Communications and Technology (AECT) Annual Meeting, Las Vegas, NV.

16. Session chair: **Zhu, M.** (2019, April 5). TACTL Roundtable Session: Supporting Teaching in STEM, Making, and Computational Thinking. 2019 American Educational Research Association (AERA) annual meeting, Toronto, Canada.

17. Panel moderator: **Zhu, M.** (2019, March 1). Professional panel-Academic session (Colin Gray, Yeol Huh, Craig Howard, Rodney Myers, Dabae Lee). IST conference 2019, Bloomington, IN.

18. Discussant: Bonk, C. J. & **Zhu, M.** (2018, October 26). Beyond Positive and Negative Emotions: Looking into the Role of Achievement Emotions in Discussion Forums of MOOCs. (paper from Wanli Xing, Hengtao Tang, & Bo Pei). Featured paper at the 2018 Association for Educational Communications and Technology (AECT) International Convention, Kansas City, KS.

INVITED TALKS: NATIONAL AND INTERNATIONAL

Keynote Presentations
1. Bonk, C. J. & **Zhu M.** (2022, April 16). *Research on Self-Directed Learning and Motivation from MOOCs and Open Education*. Keynote presentation at the International Conference on Academic Research and Education (ARE 2022), Mahasarakham University, Thailand.

Invited Conference Talks and Special Presentations

1. Martin, F., Ifenthaler, D., **Zhu. M.,** Choi, H., Park Y., & Bong, J. (2022, May 24). Systematic Review of research on Distance Learning. Virtual presentation in Zoom, AECT Distance Learning Webinar.

2. Bonk, C. J. & **Zhu. M.** (2022, May 9). The G3 of Writing Gives Birth to Transformative Teaching Around the World. Virtual presentation in Zoom, Maskwacis Cultural College (Cree Nation) Microlearning Session, Alberta, Canada

3. **Zhu, M.** & Bonk, C. J. (2022, April 16). The G3 of Writing and Publishing Tips: Gentle Guidelines, Great Stories, and Gigantic Scholarly Gains? Invited virtual presentation at the International Conference on Academic Research and Education (ARE 2022), Mahasarakham University, Thailand.

4. Bonk, C. J. & **Zhu, M.** (2022, April 13). How to Enhance, Extend and Even Transform Your Teaching with Hyper-Engaging Strategies. Featured webinar presentation for Contact North, Ontario, Canada.

5. Bonk, C. J. & **Zhu, M.** (2022, April 8). Hyper-Engaging Strategies to Enhance, Extend, and Even Transform Your Teaching. MOOC Webinar Series. MOOC Development Center, Beijing Normal University, Beijing, China.

6. Bonk, C. J. & **Zhu, M**. (2022, April 7). Self-Direct to Learn, Self-Direct to Live: Six MOOC Studies in an Increasingly Self-Directed Learning World. Presentation in the Department of Computer Education and Instructional Technology (CEIT) Webinar Series at Middle East Technical University, Ankara, Turkey.

7. **Zhu, M**. (2022, March 25). How to Conduct a Literature Review. Invited presentation (in Zoom) at Hebei University, Hebei, China.

8. Bonk, C. J. & **Zhu, M.** (2022, March 14). *Self-Direct to Learn, Self -Direct to Live: Summarizing Eight MOOC Studies in an increasingly Self-Directed Learning World*. Guest speaker to the 50th Malaysian Public University e-Learning Leaders Council (MEIPTA) (virtual). Malaysia.

9. Bonk, C. J. & **Zhu, M.** (2021, October 25). *On the topic of Self-Direct to Learn, Self-Direct to Live: Exploring Learner Choices, Experiences, and Possibilities in a Self-Directed Learning World*. Invited virtual presentation to Peking University, Beijing, China.

10. **Zhu, M.** & Tang, Y. (2021, May). *Research and Study Experience in Learning Design and Technology*. Virtual presentation in Zoom, Hangzhou Normal University, Hangzhou, China.

11. Bonk, C. J. & **Zhu, M.** (2020, December 3). *On the Road Toward Fostering Greater Self-Directed Learning in MOOCs: Research Toward Better Design Practices*. Virtual presentation in Zoom, Indian Institute of Technology Bombay (ITT Bombay), Mumbai, India.

12. Bonk, C. J. & **Zhu, M.** (2020, September 23). *Personalization, Self-Directed Learning, and Motivation in MOOCs.* MOOC Webinar Series. MOOC Development Center, Beijing Normal University, Beijing, China.

13. Bonk, C. J. & **Zhu, M.** (2020, September 17). On the Road Toward Fostering Greater Self-Directed Learning in MOOCs: Research Toward Better Design Practices. New Education Normal Webinar Series, National Institute of Education and Nanyang Technological University, Singapore.

14. Bonk, C. J. & **Zhu. M.** (2020, July 30). The G3 of Writing Tips: Gentle Guidelines, Great Stories, and Gigantic Scholarly Gains. Virtual presentation in Zoom, Maskwacis Cultural College Microlearning Session, Alberta, Canada.

15. Bonk, C. J. & **Zhu. M.** (2020, May 27). *Research Issues and Findings of MOOCs: Learning to Better Design Practices*. Invited virtual presentation in Webinar series on the Design and Development of Massive Open Online Courses (MOOCs), Commonwealth of Learning, Vancouver, BC. Available: https://youtu.be/kmsWZi3vyrg

16. **Zhu, M.** (2020, March 21). *How to Conduct a Literature Review for Your Research*. Invited presentation (in Zoom) at Beijing Normal University, Beijing, China.

17. **Zhu, M.** (2020, February). *Conducting Research on MOOCs Related Studies*. Invited presentation at a graduate class at Indiana University.

18. Bonk, C. J. & **Zhu, M.** (2019, May). Sync Chat in Zoom about Online Learning and MOOC Research, Instructor: Edgar Leon, Caribbean University, Ponce Campus, Puerto Rico. Presentation: Fostering Self-Directed Learning and Personalization in MOOCs: Four Modest Little Studies to Help Save the Planet.

19. Bonk, C. J., Özdemir, O., & **Zhu, M.** (2019, April) Sync Chat in Zoom, Open Educational Resources, Grad class, Ron Owston, York University.

20. Bonk, C. J., Doo, M., Tang, Y., & **Zhu, M.** (2019, March 14). *A Mixed Methods Look at Motivation and Career Development of MOOC Instructors*. Webinar series (in Zoom), Research and Theory Division (RTD). Association for Educational Communications and Technology (AECT).

21. Bonk, C. J. & **Zhu, M.** (2019, March 8). *State of MOOC, State of MOOC Research*. San Francisco State University Faculty Senate, San Francisco, CA.

22. Bonk, C. J. & **Zhu, M.** (2019, February 26). *Fostering Self-Directed Learning and Personalization in MOOCs: Four Modest Little Studies to Help Save the Planet*. Flexible Learning Association of New Zealand (FLANZ) Webinar: Fostering Self-Directed

Learning in MOOCs, with Zoom host, Dianne Forbes, University of Waikato, New Zealand.

23. Bonk, C. J. & **Zhu, M.** (2018, June 28). *Social Media Use for Learning and Development.* Presentation in the Interactive Panel Debate (with Theo Bastiaens, Elsebeth Korsgaard Sorensen, Koen DePryck, & Curt Bonk) on the Influence of Social Media on Learning and Development at the EdMedia 2018: World Conference on Educational Media and Technology, Amsterdam, Netherlands.

24. Bonk, C. J., **Zhu, M.,** & Sari, A. (2018, May 26). *MOOC instructor research: Motivations, considerations, and personalizations in the design of instruction for the masses*. Invited presentation at the International Conference on Educational Technology (2018 ICET) organized by the Korean Society for Educational Technology (KSET), Seoul National University, Seoul, Korea.

25. **Zhu, M**. & Bonk, C. J. (2018, January 24). *MOOC Instructor Experiences and Pedagogical Choices: Documenting Key Instructional Design Considerations and Challenges*. Webinar series (in Zoom) on "Using Research to Inform Course Design and Facilitation Practices," Division of Distance Learning (DDL), Association for Educational Communications and Technology (AECT).

INVITED TALKS/PANEL: LOCAL

1. **Zhu, M.** (2023, April). Finding Success as an Early Career Scholar. Invited talk (in Zoom) at a doctoral class at Indiana University.

2. **Zhu, M**. & Myer, R. (2022, December). Learning design project presentations. Invited panelist (in Zoom) at a graduate instructional design studio class at Indiana University.

3. **Zhu, M.** & Bonk, C.J. (2022, November). Guidelines and Strategies for Self-directed Learning. Virtual presentation to master's class of Afghani women, Asian University of Women, Chittagong, Bangladesh.

4. Bonk, C.J. & **Zhu, M.** (2022, November). Nepali Adolescents Exploring MOOCs: Scalable Results Lending to an Optimistic Future. Virtual presentation to master's class of Afghani women, Asian University of Women, Chittagong, Bangladesh.

5. **Zhu, M.** (2022, October). How to conduct qualitative research? Invited presentation (in Zoom) at a doctoral-level class at Washington State University.

6. **Zhu, M.** (2022, September). Online teaching strategies in K-12 education. Invited presentation (in Zoom) at an undergraduate class at Utica University.

7. Myer, R., **Zhu, M.**, Sheu, F., Burkhalter, B., Randle, L. (2022, April). Learning design project presentations. Invited panelist (in Zoom) at a graduate class at Indiana University.

8. **Zhu, M.** (2022, February). *Research on MOOCs.* Invited presentation (in Zoom) at a graduate class at Indiana University.

9. **Zhu, M.** (2021, April). *The G3 of Writing and Publishing Tips: Gentle Guidelines, Great Stories, and Gigantic Scholarly Gains*. Invited presentation (in Zoom) at a graduate class at Indiana University.

10. **Zhu, M.** (2020, October). *How to Conduct a Literature Review*. Invited presentation at a doctoral-level class at Wayne State University.

11. **Zhu, M.** (2020, February). *Conducting Research on MOOCs Related Studies*. Invited presentation (in Zoom) at a graduate class at Indiana University.

12. **Zhu, M.** (2019, October). *How to Conduct a Literature Review*. Invited presentation at a doctoral-level class at Wayne State University.

MEDIA MENTION

1. Featured in article, United States Distance Learning Association (USDLA) Announces 2023 International Distance Learning Award Winners, USDLA, EIN Presswire, May 8, 2023; https://www.einpresswire.com/article/631179244/united-states-distance-learning-association-usdla-announces-2023-international-distance-learning-award-winners
2. American Educational Research Association (AERA) Online Teaching and Learning SIG newsletter (December 2022), Members' Creative Scholarship Highlights.
3. Book Reviews and Recs. Contact North/Nord (2022). Transformative Teaching Around the World Stories of Cultural Impact, Technology Integration, and Innovative Pedagogy. https://teachonline.ca/tools-trends/must-read-books-on-online-learning/transformative-teaching-around-world-stories-cultural-impact-technology-integration
4. American Educational Research Association (AERA) Online Teaching and Learning SIG newsletter (December 2021), Members' Creative Scholarship Highlights.
5. 2020-Research highlighted in "Feature Article – Research in OER," MERLOT, Vineyard Newsletter, January 2020, Issue 47, p. 4, Jane Moore, Editor. Available: http://info.merlot.org/merlothelp/topic.htm#t=Vineyard_Newsletter.htm and http://info.merlot.org/merlothelp/assets/docs/From-the-Vineyard_2020-01.pdf

PUBLISHED REVIEW OF MY BOOKS

1. 2023 Book Review: Dodzi Amemado (2023): Transformative teaching around the world.

Stories of cultural impact, technology integration, and innovative pedagogy, Open Learning: The Journal of Open, Distance and e-Learning, https://doi.org/10.1080/02680513.2023.2174421

2. 2022 Book Review: Michael F. Shaughnessy (2022). Book Review: Transformative Teaching Around the World: Stories of Cultural Impact, Technology Integration and Innovative Pedagogy Education Views, April 2, 2022. Retrieved from https://www.educationviews.org/book-review-transformative-teaching-around-the-world-stories-of-cultural-impact-technology-integration-and-innovative-pedagogy/

SERVICE EXPERIENCE

University Service

2021-2022	Rumble Fellowship Review Committee: College of Education
2021-present	Election Committee
2020	Search Committee: Faculty of LDT
2020	Search Committee: Director of LDT

Organization Service

2023- present	AERA Technology, Instruction, Cognition and Learning SIG Program Chair
2022 - 2023	AERA Instructional Technology SIG Secretary/Treasurer
2022 - 2023	AERA Technology, Instruction, Cognition and Learning SIG Communications Chair
2023 - present	16th International Computer and Instructional Technologies Symposium (ICIT) program committee
2022 - present	15th International Conference on Computer Supported Education program committee
2022 - present	AECT Research & Theory Division Professional Development Coordinator
2021- 2022	AECT Research & Theory Division Professional Development Coordinator Elect
2022 - 2023	2022 Virtual Conference of the Canadian Network for Innovation in Education (CNIE)
July 2019	AECT Summer Symposium Intern
2019 - 2020	International Society for Teacher Education (ISTE) Tech-In-Action Award Committee
2019 - 2020	AECT Research & Theory Division Communications Officer
July 2018 - Present	Hong Kong AECT Program Committee
2018 - 2019	Open Education 2019 Program Committee
2018 - 2019	**AECT Graduate Student Assembly (GSA) Representative**

| | GSA Rep to the Distance Learning Division Board, AECT |
| **Grant reviewer** | *Leverhulme Trust Research Project Grant 2022* |

**Editorial Board
Member**
Distance Education
Education@ETMA- Educational Technology and Management Academy(ETMA)

Journal Reviewer

2019-Present	*Distance Education*
2022-Present	*Educational Technology Research and Development*
2022-Present	*Psychology Research and Behavior Management*
2022-Present	*Teachers College Record*
2021-Present	*Educational Research Review*
2021-Present	*The Internet and Higher Education*
2020-Present	*Journal of Educational Computing Research*
2020-Present	*Journal of Computer Assisted Learning*
2020-Present	*Journal of Research on Technology in Education*
2020-Present	*International Journal of Science Education*
2020-Present	*International Journal of Smart Technology and Learning*
2020-Present	*Journal of Educational Technology Development and Exchange (JETDE)*
2019-Present	*Performance Improvement Quarterly (PIQ)*
2018-Present	*Computers & Education*
2017-Present	*International Review of Research in Open and Distributed Learning (IRRODL)*
2020	*Computer Applications in Engineering Education*
2020	*Future Generation Computer Systems*
2019-2019	*Journal of Teaching and Learning with Technology (JoTLT)*
2019-2019	*Frontiers Psychology*
2019-2019	*Journal of Learning for Development (JL4D)*
2018-2019	*Online Learning Journal*
2018-2018	*Asia Pacific Education Review (APER)*

Conference Reviewer

2023	15th International Conference on Computer Supported Education 2023
2021	The 15th International Conference on Computer Supported Collaborative Learning (CSCL) under the roof of the ISLS Annual Meeting 2022
2021	AECT International Convention (online conference), Outstanding Empirical Journal Article Award and Outstanding Theoretical Journal Article Award
2020	AECT International Convention (online conference)
2019	International Conference on Educational Innovation through Technology (EITT 2019), Biloxi, MS

2019	AECT International Convention, Las Vegas, NV
2018 & 2022	AERA International Convention, NY & Chicago
2018	International Society for Technology in Education (ISTE) (2019), PA
2016 & 2018	IST Conference, Indiana University, Bloomington, IN
2017	AECT International Convention, Jacksonville, FL
2016	AECT International Convention, Las Vegas, NV

Jan. 2017-Jan. 2018 **Technical Supporter and Office Administrator**
Member of Society of International Chinese in Educational Technology (SICET)

Jan. 2016-May 2016 **Teenager Mentor**
Monroe County Public Library, Bloomington, IN.

Jan. 2016-Mar. 2017 **Facilitation Team Leader**
2016 and 2017 IST conference, Indiana University, Bloomington, IN

TEACHING EXPERIENCE

Undergraduate & Graduate Level
Instructor

Sep. 2021- Present	LDT 7220 Mobile Learning Technologies
Jan. 2021- Present	LDT 7310 Video, simulation, and games for learning
Jan. 2021- Present	LDT 7230 User experience design for learning
Aug. 2020- Present	LDT 7140 Interactive Course Design
Jan. - April 2020	LDT 6140 Using Webtools in Classroom
Aug. - Dec. 2019	LDT 8100 Background, Issues and Trends in Instructional Technology

Aug. 2016-May 2018 **Associate Instructor**
Instructional Systems Technology Department, Indiana University
R341: Multimedia in Instructional Design (Spring 2018) (face to face)
W200: Using Computers in Education (Fall 2016; Spring 2017; Fall 2017) (face to face)

Aug. 2018-Jan. 2019 **Co-Instructor**
Instructional Systems Technology Department, Indiana University
P540: Learning and Cognition in Education (Fall 2018) (online)

Aug. 2016-Jan. 2019 **Teaching Assistant**
Instructional Systems Technology Department, Indiana University
R546: Instructional Strategies for Thinking, Collaboration, and Motivation (Fall 2016; Fall 2017; Fall 2018) (face to face*)*

Jan. 2017-May 2019	**Teaching Assistant**
	Instructional Systems Technology Department, Indiana University
	R678: Emerging Learning Technologies (Spring 2017; Spring 2018; Spring 2019) (hybrid)

Jan. 2018-June 2018	**Teaching Assistant**
	Instructional Systems Technology Department, Indiana University
	R561: Evaluation and Change in the Instructional Development Process (Spring 2018; Summer 2018) (online)

Aug. 2017-Dec. 2017	**Teaching Assistant**
	Instructional Systems Technology Department, Indiana University
	R521: Instructional Design and Development I (Fall 2017) (online)

K-12 Level

Dec. 2018-2019	**Teaching Assistant**
	Childs Elementary School. Bloomington, IN (face to face)

TECHNOLOGY SKILLS

Programming Language: R; Python; HTML5; CSS
Creative Software: Adobe Photoshop, Illustrator, InDesign, Dreamweaver, Audition, iMovie, Figma
E-learning Software: Articulate 360 Storyline and Rise; Adobe Captivate
Communication Software: Microsoft Word; Microsoft PowerPoint
Analytical Software: NVivo; IBM SPSS Statistics; Microsoft Excel

LANGUAGES

Chinese (native); English (fluent); Spanish (novice)

PROFESSIONAL ASSOCIATIONS

Member of American Educational Research Association (AERA), 2016-present
Member of Association for Educational Communication & Technology (AECT), 2015-present
Member of Society for Learning Analytics Research (SoLAR), 2021-present
Member of The International Society of the Learning Sciences (ISLS), 2019-present
Society of International Chinese in Educational Technology (SICET), 2017-2019
Fellow of Center for Computer-Mediated Communication, Indiana University, 2018-2019