I-Chun Tsai, Ph. D.

Associate Professor
University of Akron, Akron OH 44325-4208
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EDUCATION

Aug. 2003 - May 2008	**School of Information Science and Learning Technologies** University of Missouri- Columbia, Missouri **Doctor of Philosophy (Ph.D.)** Major: Learning Technologies Supporting Field: Educational Psychology & Special Education Dissertation Topic: The Social Nature of Learning to Teach in an Online Community of Practice
Sep. 1998 - Jan. 2000	**Department of Educational Technology** Tamkang University, Taipei, Taiwan **Master of Arts** Major: Educational Technology Thesis Title: The Application of Case Method in Secondary Teacher Preparation: The Development of Teaching Cases
Feb. 2000 - Oct. 2000	**Extension Education** Public Service Center, Tamkang University, Taipei, Taiwan **Computer Extension Education** Major: 40 credits in computer skills and knowledge
Sept. 1995 - June 1998	**Teacher Education Program** Center for Teacher Education, Tamkang University, Taipei, Taiwan **Teaching License for Secondary Education** Major: Secondary School Education
Sept. 1994 - June 1998	**Department of Business Administration** Tamkang University, Taipei, Taiwan **Bachelor of Business Administration** Major: Business Administration

WORK EXPERIENCE

Aug. 2014 - present	**Master Program of Instructional Technology,** **Dept. of Educational Foundations and Leaderships,** **University of Akron (Ohio) (**http://www.uakron.edu/**)** Title: **Associate Professor** **Program Coordinator**
Aug. 2010 – July 2014	**Master Program of Instructional Technology,** **Dept. of Educational Foundations and Leaderships,** **University of Akron (Ohio) (**http://www.uakron.edu/**)** Title: **Assistant Professor**
Aug. 2008 - Aug. 2010	**Master Program of Instructional Technology,** **Dept. of Educational Foundations and Leaderships,** **University of Akron (Ohio) (**http://www.uakron.edu/**)** Title: **Visiting Assistant Professor**

Aug. 2003 - Aug. 2008	**Research Assistant for Research Projects, Information Science and Learning Technology, University of Missouri- Columbia** Title: **Research Assistant** **Projects:** **FIPSE** (Fund for the Improvement of Postsecondary Education) project-CANS (Context-aware Activity Notification System) Prototype Design Project-serve as a research assistant to collect need assessment of requirements lists, usability tests, and design tools to support online learning system-Sakai. **Social computing project: SCRG (Social Computing Research Group) study-** researcher, assist with research design, implementation, and reports written. **Technologies of Special Education in KITE digital teaching case studies library**- analyzed case studies regarding to applying technologies in special education and completed a report of new innovation and history of technology usage in special education.
Feb. 2002 - Dec. 2003	**Research Assistant** for National Science Council Project: *Mathematics Education Discipline Planning* (Project Administrator: Dr. Horng, Wann-Sheng :Professor, Dept. of Mathematics of National Taiwan Normal University) - to set up the Mathematics Education Discipline Web-site; Data analysis and integration; Information seeking; organize conferences about Mathematics education
Aug.1998 - July 2000	**Research Assistant Research Assistant** for National Science Council Project: *A Study of Development, Application and Evaluation of Case Methods in Enhancing Professional Competencies of Pre-service Teachers (I & II)* (Project Administrator: Dr. Kao, Hsun-Fung, Dean of College of Education, Tamkang University, Taipei, Taiwan) -data analysis and integrate with SPSS; Information research ; interview those experienced and reputable teachers for their teaching experiences; investigate the results about the implementation of Case Method in Teacher Education
Jan. 1998 – Dec. 1998	**Research Assistant** for Ministry of Education Project: An investigation research in the teaching materials of Junior High School Social Studies Curriculum (Research Administrator: Dr. Chang, F.C.I., President , Tamkang University, Taipei, Taiwan) -data analysis and integrate; Information research ; hold conferences about Mathematics education; investigate the results about the implementation of the new material

TEACHING EXPERIENCE

Aug. 2014 – present	**Associate Professor for Master Program of Instructional Technology** 5150:631 Instructional Technology 5150:638 Integrating and Implementing Technologies 5150:633 Multimedia and Hypermedia 5150:632 Web-based Learning Systems 5150:614 Planning for Technology 5150:635 Emerging Technologies for Instruction 5150:639 Strategies for Online Teaching/Learning

	5150:610 Introduction to Instructional Technology
Aug. 2008 – July 2014	**Assistant Professor for Master Program of Instructional Technology** 5150:633 Multimedia and Hypermedia 5150:632 Web-based Learning Systems 5150:614 Planning for Technology 5150:635 Emerging Technologies for Instruction 5150:639 Strategies for Online Teaching/Learning 5150:610 Introduction to Instructional Technology
Jan. 2008 – May 2008	**Co-instructor** (with Dr. James Laffey) ISLTQ9469: Designing Performance Support System (DPSS) Target Audience: Graduate Students
Jan. 2006 – Dec. 2007	**Lead Instructor** ISLT4660/7360: Introduction to Web Development Target Audience: Undergraduate & Graduate Students
June 2005 - Dec. 2005	**Assistant Instructor** ISLT4631/7631: Introduction to Digital Media Target Audience: Undergraduate & Graduate Students
Aug. 2005 - Dec. 2005	**Assistant Instructor** ISLT4364/7364: Digital Media Authoring Systems (Flash) Target Audience: Undergraduate & Graduate Students
Aug. 2005 - May 2008	**Instructor & Mentor** -Lead Instructor: teaching online course: ISLT 4360/7360: Introduction to Web Development in Summer 06, Fall 06, and Spring 07. -Assistant Instructor: teaching online courses: ISLT 7368: Digital Authoring course (Flash MX 2004) in Fall 05 & ISLT 4361/7361: Introduction to Digital Media course in Fall and Summer 05 -Mentor: assist students enroll in the online courses by answering their questions through email, phone, or course system and tutor students who visit the IT center with their learning questions.
2001 - 2002	**Teacher & Chief of Instruction** in Chong-Yi Senior High School, Taipei, Taiwan -teach computer for 7-9th grades and business and database for 10-12th grades -plan, design, and teach the courses of Business and Computer; to plan and implement Administrative things of the Teaching Organization
2000	**Classroom Teacher in** Tian-Sheng Elementary School, Taipei, Taiwan. -teach 3rd grade
	Scriptwriter in InterServ International Inc., Taipei, Taiwan. - plan, analysis and design the script about the Internet courses of telephone communication skills
1998-2001	**Teacher** in National Tamshui Commercial Industrial Vocational Senior High School -teach the courses of Economics, Business, and Computer software and skills

GRANTS

April 2013	**Faculty Research Grant $1,990** College of Education, University of Akron Title: Teaching/Learning with Asynchronous and Synchronous Tools in Online Learning Environments: CourseCast(Panopto) v.s. Elluminate

Sept 2012- May 2013	**Martha Holden Jennings Foundation: Open Grant $15,995** Cleveland, Ohio Title: Online Learning Community for Learning to Teach (OLC-LT)
April 2012	**Faculty Research Grant $1,850** College of Education, University of Akron Title: Effectiveness of an Online Teacher Learning Community for Learning to Teach: eTRAIN (electronic Teacher Resource And Information Network) Community
June 2011- May 2012	**Martha Holden Jennings Foundation Grant: Open Grant $14,144.70** Cleveland, Ohio Title: Online Learning Community for Learning to Teach (OLC-LT)
April 2011	**Faculty Research Grant $2,000** College of Education, University of Akron Title: Online Teaching and Learning Experiences

PROFESSIONAL PUBLICATIONS

Refereed Journal Papers

Tsai, I.-C., Tong, Y.-P., & Laffey, J. (2013). Exploring the impact of students' motivation and self-regulation on the social nature of online learning experience. *International Journal of Learning Technology, 8*(1), 86-108.

Galyen, K., Tsai, I.-C., & Laffey, J. (2012). The relationship between learning satisfaction and social ability in completely online learning courses. *Open Education Research*, 1*8*(6), 50-54. (CSSCI)

Tsai, I.-C., Galyen, K., Xie, X., & Laffey, J. (2012). Using Activity Theory to Examine Social Interaction of Online Learning. *Open Education Research, 18*(5), 49-57. (CSSCI)

Tsai, I.-C. (2012). Understanding the social nature of an online community of practice for learning to teach. *Journal of Educational Technology and Society*, *15*(2), 271-285. (SSCI)

Tsai, I.-C. (2011). Levels and patterns of participation and social interaction in an online learning community for learning to teach. *Journal of Interactive Learning Research*, *22(2),* 191-239. Chesapeake, VA: AACE. (SSCI)

Laffey, J. & Tsai, I.-C. (2010). Design research for context awareness. *Open Education Research, 16*(6), 60-67. (CSSCI)

Tsai, I.-C., Laffey, J., & Hanuscin, D. (2010). Effectiveness of an online community of practice for learning to teach elementary science. *Journal of Educational Computing Research. 43*(2), 225-258. (SSCI)

Laffey, J., Tsai, I.-C., Amelung, C., Hong, R-Y., Galyen, K. & Goggins, S. (2010). The Role of Social Information for Social Ability, Sense of Community and Satisfaction in Online Learning. *Open Education Research, 16*(3), 136-143. (CSSCI)

Tsai, I.-C., Kim, B., Liu, P. J., Kumalasari, C., Goggins, S. P., & Laffey, J. M. (2008). Building a model explaining the social nature of online learning. *Journal of Educational Technology and Society, 11*(3), 198-215. (SSCI)

Yang, C.-C., Tsai, I.-C., M.-H., Kim, B., & Laffey, J., D. (2006). Exploring the relationships between students' academic motivation and social ability in online learning environments. *The Internet and Higher Education, 9*, 277-286.

Kao, H.-F. & Tsai, I.-C. (2001). The Evaluation of Case Methods in Integration Curriculum of Elementary and Junior High School. Tamkang Journal in Humanity, Tamkang University.

Refereed Conference Proceedings

Kaufman, S. & Tsai, I.-C. (2019, May). Implementing QM at an Institution: The University of Akron. Presentation of QM Ohio Annual Member Meeting. Cleveland, OH.

Tsai, I.-C., & Waltone-Moore, S. (2013, June). How an Online Teacher Community Supports Teachers' Professional Development: eTRAIN Online Teacher Community. Proceedings of AACE World Conference on Education Multimedia and Hypermedia. Vancouver, Canada.

Waltone-Moore, S., & Tsai, I.-C. (2013, June). Using Video-based Web Conferencing to Enhance an Online Community of Teaching: Best Practices for e-Moderators. Proceedings of AACE World Conference on Education Multimedia and Hypermedia. Vancouver, Canada.

Tsai, I.-C., Galyen, K., Xie, X., & Laffey, J. (2010, June). Using Activity Theory to Examine Social Interaction of Online Learning. Proceedings of AACE World Conference on Education Multimedia and Hypermedia. Toronto, Canada.

Galyen, K., Tsai, I.-C., & Laffey, J. (2010, June). The relationship between learning satisfaction and social ability in completely online learning courses. Proceedings of AACE World Conference on Education Multimedia and Hypermedia. Toronto, Canada.

Social Computing Research Group (SCRG). (2006). Social Nature of Online Learning in Sakai. Proceedings of AACE World Conference on Education Multimedia and Hypermedia. Orlando, Fl.

Tsai, I., Nuankhieo, P., Wu, C., & Chang, Y. (2005). Supports of group awareness for synchronous and asynchronous collaboration. Proceedings of AACE World Conference on E-Learning. Vancouver, C.A.

Tsai, I.-C. , & Wu, C.-H. (2005). Teachers' needs of an online learning community assisting professional development. Proceedings of AACE World Conference on E-Learning. Vancouver, C.A.

Shen, D., Tsai, I.-C. , & Wu, C.-H. (2005). Course management systems v.s. online instructors' needs. Proceedings of AACE World Conference on E-Learning. Vancouver, C.A.

Social Computing Research Group (SCRG). (2005). Understanding computer mediated social experience: implications for CSCL. Proceedings of the Annual Conference of Computer Supported Collaborative Learning. (pp. 550-551). Taipei, Taiwan. Lawrence Erlbaum Associates. Hillsdale NJ.

Kim, B., Yang, C., & Tsai, I. (2005). Review of computer-mediated collaborative concept mapping: Implication for future research. Proceedings of the Annual Conference of Computer Supported Collaborative Learning. Taipei, Taiwan.

Tsai, I.-C. , Wu, C.-H., & Kao, H.-F. (2004). Applying Case Study in Preparing to Teach Online Courses: the Development of Online Teaching Cases. Proceedings of AACE World Conference on E-Learning. Washington D.C.

Refereed International Paper Presentations

Tsai, I.-C., & Waltone-Moore, S. (2013, June). How an Online Teacher Community Supports Teachers' Professional Development: eTRAIN Online Teacher Community. Paper presented at 2013 AACE World Conference on Education Multimedia and Hypermedia. Vancouver, Canada.

Waltone-Moore, S., & Tsai, I.-C. (2013, June). Using Video-based Web Conferencing to Enhance an Online Community of Teaching: Best Practices for e-Moderators. Paper presented at 2013 AACE World Conference on Education Multimedia and Hypermedia. Vancouver, Canada.

Tsai, I.-C., Galyen, K., Xie, X., & Laffey, J. (2010, June). Using Activity Theory to Examine Social Interaction of Online Learning. Paper presented at 2010 AACE World Conference on Education Multimedia and Hypermedia. Toronto, Canada.

Galyen, K., Tsai, I.-C., & Laffey, J. (2010, June). The relationship between learning satisfaction and

social ability in completely online learning courses. Paper presented at 2010 AACE World Conference on Education Multimedia and Hypermedia. Toronto, Canada.

Tsai, I.-C., Tong, Y.-P., & Laffey, J. (2009, May). Exploring the impact of students' motivation and self-regulation on the social nature of online learning experiences. Paper presented at the 2009 Annual Conference of Association for Psychological Science, San Francisco, California.

Tsai, I.-C., Laffey, J., & Hanuscin, D. (2009, April). Understanding the social nature of an online community of practice for learning to teach. Paper presented at the 2009 Annual Conference of American Educational Research Association, San Diego, California.

Tsai, I.-C., Laffey, J., & Hanuscin, D. (2009, April). Effectiveness of an online community of practice for learning to teach elementary science. Paper presented at the 2009 Annual Conference of American Educational Research Association, San Diego, California.

Laffey, J., Tsai, I.-C., Amelung, C., Young, R., Galyen, K., & Goggins, S. (2009, April). The role of social information for social ability, sense of community and satisfaction in online learning. Paper presented at the 2009 Annual Conference of American Educational Research Association, San Diego, California.

Hong, R., Galyen, K., Laffey, J., & Tsai, I.-C. (2009, April). Social comparison visualization for fostering participation in online learning. Paper presented at the 2009 Annual Conference of American Educational Research Association, San Diego, California.

Tsai, I.-C., Tong, Y.-P., & Laffey, J. (2008, April). Exploring how students' self-regulated learning influences the social nature of online learning. Paper presented at the 2008 Annual Conference of American Educational Research Association, New York, USA.

Tsai, I.-C., Yang, C.-C., & Laffey, J. (2008, April). Differences in student-instructor and Student-peers social interactions in explaining satisfaction in online learning. Paper presented at the 2008 Annual Conference of American Educational Research Association, New York, USA

Nuankhie, P., Tsai, I.-C., Goggins, S., & Laffey, J. (2007). Comparing the social interaction pattern of online one-on-one peer and small group collaboration activities. Paper presented at the IEEE International Symposium on Multimedia (ISM2007) Conference, Taichung, Taiwan, ROC.

Goggins, S., Laffey, J., & Tsai, I.-C. (2007). Cooperation and groupness: Community formation in small online collaborative groups. Paper presented at the GROUP'07 Conference of Association for Computing Machinery (ACM), Sanibel Island, Florida, USA.

Tsai, I.-C., & Hanuscin, D. (2007, April). Hammering a Nail with a Saw: The Constraints of "One-Size-Fits-All" Technology in Supporting Online Communities of Science Teachers. Paper presented at the Annual Conference of American Educational Research Association, Chicago, MI, USA.

Tsai, I.-C., Kim, B., Liu, P. J., Kumalasari, C., Goggins, S. P., Laffey, J. M., & Amelung, C. (2007, April). Building a Model Explaining the Social Nature of Online Learning. Paper presented at the Annual Conference of American Educational Research Association, Chicago, MI, USA.

Tsai, I.-C., Yang, C.-C., Cho, M.-H., Kim, B., Laffey, J., D. (2006, April). Exploring the relationships between students' academic motivation and social ability in online learning environments. Paper presented at the Annual Conference of American Educational Research Association, San Francisco, USA.

Lee, C. & Tsai, I.-C. (2004). No Kidding- Exploring the Effects of Stories through the Window of Schema Theory. AECT, Chicago, Illinois.

Kao, H.-F. & Tsai, I.-C. (2000). The Application of Case Method in Teacher Education: The Development of Teaching Cases. Annual Conference for Teacher Colleges, National Shin-Chut Teacher College.

Tsai, I.-C. & Kao, H.-F. (1999). The Application of Case Methods in Teacher Education. Conference of the revolution and invention in the teaching of Elementary and Junior High School, National Kaohsiung Normal University.

Grant Proposals submitted

Madanayake, A., Shetty, S., Tsai, I.-C., & Train, N. (submitted, Aug 2014). EAGER: Circuit and Signal-Processing Cybersecurity On-Line Education for IoT.

Tsai, I.-C., Shetty, S., Mayo, J., & Wang, X. (submitted, April 2015). Integration of Mobile Learning and Online Learning Community to Infuse Security into Computer Science Subject at High Schools.

SERVICE

Committees

• Aug 2019- Present	University Level- Faculty Senate Committee: Curriculum Review Committee (CRC)
• Aug 2013- Present	University Level- Faculty Senate Committee: Computing & Communications Technologies Committee (CRC)
• March 2018- Present	College Level- STEM Committee: Serving as one of the 5 initiators of the **Urban STEM Center** at the University of Akron. The Urban STEM Center is now established and start serving the K-12 at Akron area to support STEM activities.
• Aug 2018- Present	College Level- Faculty Research and Graduate Student Scholarship Committee
• Aug 2012- Present	College Level- COE Executive Committee
• May 2020- Present	College Level- Doctoral Program Committee
• Dec 2019- Present	Department Level- Master Program of Ed. Admin. & Leadership Committee
• Dec 2019- Present	Department Level- Doctoral Program Committee
• Aug 2015- Present	Department Level- RTP Committee (Chair 2018-2019)
• Aug 2010- 2019	Department Level- Faculty Graduate Level II Review Committee
• Aug 2011- 2019	University Level- Faculty Senate Committee: Distance Learning Review Committee (CRC subcommittees)
• Nov 2013- 2019	College Level- **CAEP: Core Review Committee**
• Aug 2016- May 2018	College Level- Diversity Committee
• March 2014- May 2018	College Level- Scholarship Review Committee
• Aug 2012- May 2018	College Level- Personnel Committee (Co-Chair & Chair)
• Aug 2011- May 2018	Department Level- Personnel Committee
• Sept 2016- May 2017	University Level- Library ID position Search Committee
• March 2016- Jan 2017	College Level- NTT4 Search Committee
• Jan 2016- May 2016	College Level- RTP Appeals Committee
• Jan 2013- May 2016	University Level- Student Policy Committee of Graduate Council
• Jan 2013- May 2016	University Level- Bepress Committee
• April 2013- May 2016	University Level- Senate's ad hoc CCTC subcommittee on Web Conferencing Software
• Aug 2012- May 2016	College Level- Technology Committee (Co-Chair before Summer2013 & Chair)
• April 2014- May 2015	Department Level- Ad hoc Ed.D. Program Committee
• Aug 2011- May 2015	College Level- Undergraduate Committee
• Jan 2011- Aug 2012	Department Level- Ad hoc/Special Committees Merit Review Committee
• Aug 2011- May 2012	Post secondary Tech Ed Search Committee Member: Assistant Professor
• Aug 2010- May 2012	College Level- Personnel Committee
• Aug 2010- May 2011	Search Committee Member-Visiting Post Secondary 2010
• Aug 2010- May 2011	Department Level- Personnel Committee (Co-Chair)

Professional Service: Reviewer for Journal Papers & Quality Matters (QM) Online Courses

• Jan 2020	QM Online Course Peer Review (Reviewer): Template Review for 3 online courses: HIST-041; ALG-051; ENGL-041, Brigham Young University (UT)
• Dec 2019	QM Online Course Peer Review (Chair): Template Review for online courses, Founders

(PA)
- Sept 2019   QM Online Course Peer Review (Chair) for 1 online course: Linux Operating System I, Pinckney Community Schools (MI)
- Aug 2019   QM Online Course Peer Review (Chair): Template Review for 1 online course: Algebra, StrongMind (AZ)
- May 2019   QM Online Course Peer Review (Chair) for 1 online course: Computer Programing II, Pearson Online & Blended Learning (MD)
- April 2019   QM Online Course Peer Review (Chair) for 1 online course: Wearable and Implantable Technologies, Pointful Education (UT)
- March 2019   QM Online Course Peer Review (Chair) for 1 online course: Statistics, Pearson Online & Blended Learning (MD)
- Feb 2019   QM Online Course Peer Review (Chair) for 1 online course: Education- Curriculum & Instruction, California State University-East Bay (CA)
- Jan 2019   QM Online Course Peer Review (Chair & Reviewer) for 2 online courses: Robotics I, Edmentum (MN); Current Technologies, California State University-East Bay (CA)
- Dec 2018   QM Online Course Peer Review (Chair & Reviewer) for 3 online courses: Personnel Finance, Connections Education (MD); Intro to Computer applications, Connection Education (MD); Intro to Cybersecurity, Edmentum (MN)
- Oct 2018   QM Online Course Peer Review (Chair & Reviewer) for 3 online courses: Augmented and Virtual Reality, Pointful Education (UT); Diversity in American Society, University of Akron (OH); Geometry A, Michigan Virtual University(MI)
- May 2018   QM Online Course Peer Review (Chair & Reviewer) for 3 online courses: Chinese I II III, Michigan Virtual University (MI)
- Dec 2017   QM Online Course Peer Review (Chair & Reviewer) for 1 online course: 06405AP Chinese Sem1/2, Michigan Virtual University (MI)
- Dec 2017   QM Online Course Peer Review (Chair & Reviewer) for 1 online course: EDUC701 Orientation to Doctoral Study, Findlay University (OH)
- Aug 2017   QM Online Course Peer Review (Subject Master Reviewer) for 1 online course: Chinese2A/B, Michigan Virtual University (MI)
- May 2017   QM Online Course Peer Review (Chair) for 1 online course: Course Template Review, Shmoop University, Inc. (CA)
- March 2017   QM Online Course Peer Review (Chair) for 1 online course: AP Chinese Sem1/2, Michigan Virtual University (MI)
- Feb 2017   QM Online Course Peer Review (Chair) for 2 online course: Business Information Systems; Business Math, Connection Education (Connections Learning) (MD)
- Nov 2016   QM Online Course Peer Review (Chair) for 2 online course: Microeconomics; Macroeconomics, Global Personalized Academics (FL)
- Nov 2016   QM Online Course Peer Review (Chair) for 1 online course: Apex Learning Template, K-12 Pub 4th Ed., Apex Learning, Inc. (WA)
- Aug 2016   QM Online Course Peer Review (Chair) for 1 online course: Computer Applications, Edmentum (MN)
- July 2016   QM Online Course Peer Review (Chair) for 1 online course: Economics, Connections Education (Connections Learning) (MD)
- April 2016   QM Online Course Peer Review (Chair) for 1 online course: English 2, North Carolina Virtual Public School
- March 2016   Program Committee of LTEC 2016 (The fifth International Workshop on Learning Technology for Education in the Cloud) Conference Review for 6 conference papers
- March 2015   QM Online Course Peer Review for 1 online course: C8200-415 Complex Care of Aging Families, University of Akron
- Feb 2015   QM Online Course Peer Review for 1 online course: Edmentum Spanish 2 (Chair)
- Feb 2015   QM Online Course Peer Review for 1 online course: Edmentum Spanish 3 (Chair)
- Oct 2014   QM Online Course Peer Review for 1 online course: UTLV000 Online Teaching Certificate, University of Toledo (Chair)
- Aug 2014   QM Online Course Peer Review for 1 online course: 5100:642 (Chair)

- June 2014   QM Online Course Peer Review for 2 online courses: Chinese Iv21 & Chinese III v9 (Chair)
- March 2014   IJLT Peer Review for 1 manuscript (resubmission)
- March 2014   Program Committee of LTEC 2014 (The third International Workshop on Learning Technology for Education in the Cloud) Conference Review for 5 conference papers
- Feb 2014   IJLT (International Journal of Learning Technology) Peer Review for 1 manuscript
- Jan 2014   JETS (Journal of Educational Technology & Society) Peer Review for 1 manuscript
- Nov 2013   JISE (Journal of Information Systems Education) Peer Review for 1 manuscript
- Oct 2013   IJLT Peer Review for 1 manuscript
- July 2013   QM Online Course Peer Review for 2 online courses: Chinese I & Chinese III
- May 2013   IJLT Peer Review for 2 manuscripts
- Oct 2012   NWER Peer Review for 1 manuscript
- Sept 2012   QM Online Course Peer Review for 1 online courses: 5100:652
- Aug 2012   QM Online Course Peer Review for 1 online course: Chinese III
- July 2012   JETS Peer Review for 1 manuscript
- June 2012   JETS Peer Review for 1 manuscript
- April 2012   JETS Peer Review for 1 manuscript
- March 2012   JETS Peer Review for 1 manuscript
- March 2012   QM Online Course Peer Review for 1 online course: Marriage & Society
- Dec 2011   JETS Peer Review for 1 manuscript
- July 2011   JETS Peer Review for 1 manuscript
- May 2011   JETS Peer Review for 1 manuscript
- March 2011   JETS Peer Review for 1 manuscript
- Jan 2011   MWER (Mid-Western Educational Researcher) Peer Review for 1 manuscript
- Jan 2011   Appointed Executive Peer-Reviewers of the JETS

Professional Service: Other
- Aug 2019- Present   Serving as a co-chair for NEXT Conference 2020 to host and organize NEXT conference at the University of Akron
- Jun 2011- 2019   Serving as a community coordinator and system developer and administrator for eTRAIN Online Teacher Community established in the College of Education of the University of Akron
- Oct 2013- May 2016   Advisor for Multimedia Club at Akron Public Schools: STEM Middle School
- Feb-March 2014   Participated in constructing official response to Academic Policies Committee (APC) of the University of Akron regarding the proposed suspension of the Ed.D program in Leadership Program in the College of Education, EFL.
- Aug 2013- March 2014 Serve as the lead to prepare **NCATE** accreditation program review for IT Master Program via analyzing program data and writing NCATE report.
- May 2013   Hosted/Presented in Martha Holden Jennings Foundations Grant Evaluation Meeting (Co-PI for the grant)
- April 2012   Hosted/Presented in Martha Holden Jennings Foundations Grant Evaluation Meeting (Co-PI for the grant)
- Jan 2012   Presented eTRAIN community in Mentor Teacher Orientation for Spring 2012 group
- Jan 2012   Presented eTRAIN community in Student Teacher Orientation for Spring 2012 group
- May 2011- May 2012   Serve as the second advisor for student organization: Pi Lambda Theta, Beta Lambda Honor Student Organization
- May 2011   Presented at Teaching and Research Colloquium, EFL: Online Teaching Experience
- April 2011   Approved Quality Matters G6-12 peer reviewer

- Jan 2011   Appointed Executive Peer-Reviewers of the JETS
- August 2010   Participated in the Cohort Orientation at Quaker Station

Invited Presentation
- Tsai, I.-C. (2017, June). US Teaching and Learning Experience: Learning Is Based Upon Making Mistakes. Presented at the Department of Communication, National Chung Cheng University, Taiwan.
- Tsai, I.-C. (2013, Oct). Teaching and Technology Track Transformative Teaching - Reflections from the Online Educator. 2nd Annual Faculty Development Conference, Department of Computer Science, Hiram College, Ohio.
- Tsai, I.-C. (2013, Oct). Roles of Developing a Web-based Learning System. Presented at Dr. Cheng En's Data Integration class. Department of Computer Science, University of Akron.
- Tsai, I.-C. (2013, Feb). Roles of Developing a Web-based Learning System. Presented at Dr. Cheng En's Data Integration class. Department of Computer Science, University of Akron.

Professional Affiliations: Member & Reviewer
- Association for Advancement of Computing in Education (AACE)
- International Society for Technology in Education (ISTE)
- American Educational Research Association (AERA)
- Association for Educational Communications and Technology (AECT)