

Chia-Ling Kuo

Educational Technology Program
School of Teaching, Learning, Curriculum Studies
College of Education, Health and Human Services
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EDUCATION

Ph.D. College of Education, Ohio University, Athens, Ohio (June 2005)

- Major: Curriculum and Instruction with a specialization in Instructional Technology
- Dissertation: *Wireless technology in higher education: The perceptions of faculty and students concerning the use of wireless laptops*

Master of Education, College of Education, Ohio University, Athens, Ohio (June 1996)

- Major: Computer Education and Technology
- Seminar paper: *Effectiveness of multimedia in Language Arts learning*

Bachelor of Arts, Fu-Jen Catholic University, Taiwan, ROC (June 1993)

- Major: English Literature

TEACHING

Kent State University, Kent, Ohio
Fall 2005 ~ Present

- ETEC 39525 Educational Technology (face-to-face and online)
 - An undergraduate-level course
 - Topics covered in this course include ISTE standards for educators and students, teaching with technology, multimedia, video production, digital citizenship, technology integration models, Web 2.0 applications, 3D printing, computational thinking, universal design for learning, electronic portfolio, as well as ethical and legal issues with technology.
- ETEC 4/57400 Trends in Educational Technology (online)
 - A combined graduate and undergraduate course
 - This course introduces current trends in instructional technology. Topics covered in this course include instructional technology then and now, blended learning, the flipped classroom, open educational resources, collaborative learning, MOOCs, mobile learning, simulations, and games.
- ETEC 4/57403 Instructional Design (online)
 - A combined graduate and undergraduate course

- Students perform the major steps in the standard instructional development model including needs assessment, goal and instructional analysis, learner and context analysis, performance objectives, student assessments, instructional strategy, instructional materials, formative evaluation, and revisions.
- ETEC 67402 Managing School Technology Centers and Programs (online)
 - A graduate-level course for students pursuing a Computer Technology Endorsement or a Computer Science Endorsement
 - This course is designed for educational technology leaders and computer science educators to develop knowledge and skills involved in the administration of technology/media centers and technology/computer science programs. In this course, students will develop competence in planning, developing, administering, and evaluating technology/media centers and/or programs appropriate for the school and population involved.
- ETEC 67492 Practicum and Portfolio (online)
 - A graduate-level course
 - In this course, graduate students of the educational technology program apply knowledge and skills related to the design, development, implementation, management, and evaluation of educational technologies through practical field experience in a school setting or an environment where educational technology services and programs are being used. Create a standards-based online portfolio aligned with ISTE Standards to demonstrate professional competence and growth.
- ITEC 4/57427 Technology and Learning (online)
 - A combined undergraduate and graduate course
 - The focus of this course was on analyzing, critiquing, developing, and implementing learner-centered, curriculum-based instruction that uses technology in meaningful ways. Topics included defining the relationship between technology and learning, 21st-century skills, technology integration models, social media and learning, assistive technology, technology tutorials, and digital citizenship.
- ITEC 57430 Computer Applications in Education (online and face-to-face)
 - A graduate-level course
 - This course introduced major ideas and practices associated with various trends in the field of instructional technology. Topics included the history of instructional technology, blended learning, flipped classroom, Massive Open Online Courses (MOOCs), Coding, Open Educational Resources (OERs), simulations, games, and mobile learning.
- ITEC 6/77437 Web Development for Educators (online)
 - A graduate-level course
 - This course provided students with an overview of contemporary website development and management techniques. Topics included HTML, CSS, webpage authoring tools, content management systems, and principles of web design.

- ITEC 67438 Instructional Applications of the Internet (online)
 - A graduate-level course
 - This course examined useful ways of implementing Internet technologies in education. Topics included Twitter, blogs, podcasts, WebQuest, and instructional mobile app design and development.

Ohio University, Athens, OH
2003-2005

- Technology Applications in Education (face-to-face and online)
 - An undergraduate-level course
 - Contents included Microsoft Word, PowerPoint, Excel, KidPix, Camtasia, Windows Movie Maker, WebQuest web page, lesson plan, website evaluation, software evaluation, and electronic portfolio in accordance with National Educational Technology Standards for Teachers (NETS*T).
- Media and the Young Adult (online)
 - A graduate-level course
 - The purpose of the course was to examine current research studies about young adults and the digital media, to investigate how young adults are using digital media in their everyday lives, how they understand the digital media and their possible uses, and how the digital media might be influencing young adults' development and learning achievements.
- Technology Applications in Education (face-to-face)
 - An undergraduate-level course
 - Contents included Microsoft Word, PowerPoint, Excel, KidPix, Camtasia, Windows Movie Maker, WebQuest web page, lesson plan, website evaluation, software evaluation, and electronic portfolio in accordance with National Educational Technology Standards for Teachers (NETS*T).

COURSE REVISION/DEVELOPMENT

Computer Science Endorsement – 2019 ~ 2020

- Revised ETEC 67402 Managing School Technology Centers and Programs and ETEC 67492 Practicum and Portfolio to provide knowledge and skills for students enrolled in Computer Science Endorsement Program.

Educational Technology Program Curriculum Revision and Development – 2016 ~ 2018

- Participated in the revision and development of the new curriculum and plans of study for the master's degree in the educational technology program, master's degree in educational technology with computer/technology endorsement program, the computer/technology endorsement only program, and the online and blended learning certificate program.

ETEC 67402 Managing School Technology Centers and Programs (online course) – 2017~2018

- Created a new course for graduate students specializing in the management of educational technologies and seeking a computer technology endorsement. Designed course projects to meet the Technology Coach Standards developed by the International Society for Technology in Education (ISTE).

ETEC 67492 Practicum and Portfolio (online course) – 2017~2018

- Combined Portfolio Review and Advanced Practicum in Instructional Technology from 2 separate courses into one for all master's students. Created portfolio templates in Taskstream.

ITEC 19525 Educational Technology (face-to-face course) – 2015

- Elevated ITEC 19525 Educational Technology to an upper-division course (ETEC 39525) and revised catalog description, course content, and learning outcomes.

ITEC 67439 Portfolio Review (online) – 2013

- Revised Portfolio Review guidelines and rubrics for the ITEC master's degree program with computer/technology endorsement to align with the new ISTE Coach Standards.

ITEC 19525 Educational Technology (face-to-face) – 2012

- Developed a global learning project that incorporates the EHHS global learning outcomes. In this project, KSU students collaborate with students of the International Leaders in Education Program (ILEP) alumni in their home countries.

ITEC 69439 Portfolio Review (online)– 2010

- Created new portfolio development guidelines and rubrics that aligned with ISTE Educational Technology Standards for Teachers, ISTE Technology Leadership Standards, and the ALA/AASL Standards for the ITEC general master's degree program, master's degree program with computer/technology endorsement, and master's program with library/media licensure respectively.

COLLABORATIONS

- Undergraduate Educational Technology course revision (2015)
 - Collaborated with Mary Hricko (Geauga campus) and Larry Froehlich (Salem/Trumbull campuses) to revise Educational Technology.
- International Leaders in Education Program (ILEP) collaboration (2012 – 2017)
 - Collaborated with International Leaders in Education Program (ILEP) alumni in a global learning project with KSU undergraduate students in the Educational Technology course.
- Integrating technology into student teaching (2011–2012)
 - Collaborated with Dr. Tsung-Hui Tu (Salem Campus) on assisting student teachers in the development of technology-integrated lessons during their student teaching in preschool settings.
- Global Learning Scholar Program (2011–2013)

- Collaborated with global learning scholars at KSU and the University of Akron and Miami University. We modified and piloted a course we taught to incorporate global learning outcomes.
- Campus transition project (Fall 2010)
 - Collaborated with project director of the Career and Community Studies Transition Program (CTP) at KSU to provide inclusive classroom experience for traditional college students and CTP students with intellectual disabilities.
- Affordable Textbook Grant (Fall 2008–Fall 2010)
 - Collaborated with professors from Cleveland State University, Wright State University, and Ohio University on a textbook affordability grant, funded by the Ohio Board of Regents, from fall 2008 to fall 2010.

PUBLICATIONS & CONFERENCE PROCEEDINGS

Kuo, C. (2015). A global learning wiki project for pre-service teachers. *Journal of International Social Studies*. 5(2), 4–21.

Kovalik, C., **Kuo, C.**, Cummins, M., Dipzinski, E., Joseph, P. & Laskey, S. (September 2014). Implementing Web 2.0 tools in the classroom: Four Teachers' Accounts. *TechTrends*. 58(5), 90–94.

Kuo, C. (2014). Global learning wiki. In K. Cushner & J. Dowdy (Eds.), *From the margins to the mainstream: Enhancing social awareness in the Social Studies classroom* (pp. 33–40). Rowman & Littlefield Education.

Kovalik, C., **Kuo, C.** & Karpinski, A. (2013). Assessing preservice teachers' information and communication technologies knowledge. *Journal of Technology and Teacher Education*. 21(2), 179-202.

Kovalik, C. & **Kuo, C.** (2012). Innovation diffusion: Learner benefits and instructor insights with the DIFFUSION SIMULATION GAME. *Simulation & Gaming*. 43(6). 803-824.

Tu, T. & **Kuo, C.** (2012). Preservice teachers' use of technology in preschool classrooms. *Proceeding of 2012 Society for Information Technology & Teacher Education International Conference*. 3110-3114.

Kuo, C. (2011). Instructional graphics. In Abate, R., Kovalik, C., Kuo, C., DeCoulo, D., Franklin, T., Carlsen, R., Veres, M. (Eds.), *Educational technology primer* (pp. 26-44). Ohio Board of Regents.

Kovalik, C., **Kuo, C.**, Abate, R., Franklin, T., Decoulo, D., Verse. M., Carlsen. R. (2010). State-wide leadership in preparing teachers to use technology effectively. *Proceeding of 2010 Society for Information Technology & Teacher Education International Conference*. 2609-2613.

- Kuo, C.** (2008). Combining online discussion and peer evaluation to enhance learning outcomes. *Proceeding of 2008 Society for Information Technology & Teacher Education International Conference*.
- Kuo, C., Song, H, Smith, R., & Franklin, T.** (2007). A comparative study of the effectiveness of an online and face-to-face technology applications course in teacher education. *International Journal of Technology in Teaching and Learning*. 3(2). 85-94.
- Swan, K., Schenker, J., Arnold, S., & **Kuo, C** (2007). Shaping online discussion: Assessment matters. *E-Mentor*, 1(18), 1-6.
- Kuo, C.** (2005). Wireless technology in higher education: The perceptions of faculty and students concerning the use of wireless laptops. OhioLINK Electronic Thesis and Dissertation Center.
- Kuo, C., Sun, H., & Smith R.** (2005). Is teaching of technology courses online as effective as teaching of technology courses face-to-face? *Proceeding of the 2005 Society for Information Technology & Teacher Education International Conference*.
- Kuo, C.** (2004). Perceptions of faculty and students on the use of wireless laptops. *Proceeding of the 2004 Society for Information Technology & Teacher Education International Conference*.
- Hong, J. C. & **Kuo, C.** (1999). Knowledge management in learning organization. *Leadership and Organization Development Journal*. 20(4), 207-215.

CONFERENCE PRESENTATIONS

- Kuo, C. (2016, January 3). Adding global perspectives to an undergraduate educational technology course. Presented at the Hawaii International Conference on Education, Honolulu, HI.
- Tu, T. & Kuo, C. (2015, April 18). Technology integration: How student teachers incorporate technology in preschool classrooms. Presented at the AURCO conference, Salem, OH.
- Kuo, C. (2013, February 13). Using technology to enhance teacher preparation. Presented at the Ohio Educational Technology Conference, Columbus, OH.
- Arhar, J., Clark, D., Fisette, J., Kroeger, J., Kuo, C. & Dowdy, J. (2012, October 25). Internationalizing teacher preparation. Presented at the Ontario Ohio Symposium in Kent State University, Kent, OH.

- Tu, T. & Kuo, C. (2012, March 7). Preservice teachers' use of technology in preschool classrooms. Presented at the Society for Information Technology & Teacher Education International Conference in Austin, TX.
- Kovalik, C., Kuo, C., Abate, R., Franklin, T., Decoulo, D., Verse, M., Carlsen, R. (2010, April 1). State-wide leadership in preparing teachers to use technology effectively. Presented in a panel at the Society for Information Technology & Teacher Education International Conference in San Diego, CA.
- Kuo, C. (2008, March). Combining online discussion and peer evaluation to enhance learning outcomes. Presented at the Society for Information Technology & Teacher Education International Conference in Las Vegas, NV.
- Arnold, S., Swan, K., Schenker, J., Kuo, C. L., & Maxifield, M. (2006, November 9). The effects of differing assessment strategies on the quality of online discussions. Poster session presented at The 12th Annual Sloan-C International Conference on Asynchronous Learning Networks. Orlando, FL.
- Swan, K., Ou, C., & Kuo, C. (2006, March 6). Optimizing online discussions: Tools for faculty development. Presented at Ohio Digital Commons For Education Conference for Convergence of Libraries, Learning and Technology. Columbus, OH.
- Kuo, C. (2005, April 29). Wireless technology in higher education: The perceptions of faculty and students concerning the use of wireless laptops. Presented at the College of Education Research Conference. Ohio University, Athens, OH.
- Kuo, C., Sun, H., & Smith R. (2005, April 29). Is teaching of technology courses online as effective as teaching of technology courses face-to-face? Presented at the College of Education Research Conference. Ohio University, Athens, OH.
- Kuo, C. (2004, March 9). The issues of concern for web-based questionnaires. Presented at the College of Education Research Conference. Ohio University, Athens, OH.
- Kuo, C. (2004, March 4). Perceptions of faculty and students on the use of wireless laptops. Presented at the Society for Information Technology & Teacher Education International Conference. Atlanta, GA.
- Chang, C., Erwin, T. M., Fang, H., & Kuo, C. (2003, May 16) Tricks and traps in survey research. Presented at College of Education 2nd Annual Education Research Conference. Ohio University, Athens, OH.

PROFESSIONAL DEVELOPMENT

- Attended Conference on Transforming K-12 Education With XR Technologies at the Kent State Design Innovation Hub, March 11, 2022.

- Attended virtually The 13th International Conference on Intelligent Human Computer Interaction (IHCI-2021), December 21-22, 2021.
- Attended Learning Innovations Conference, November 5, 2019, Kent State University
- Earned Certificate in Independent Improving Your Online Course (IYOC): Statewide System, April 12, 2019, Kent State University
- Attended Education Elevated Conference, November 9, 2018, Kent State University
- Attended NEOTech Conference, March 22, 2018, Kent State University
- Attended workshops: Baking Accessibility into Digital Materials (September 22, 2017), Universal Design for Learning (September 29, 2017)
- Attended NEOTech Conference, March 16, 2017, Kent State University
- Attended Online Learning Symposium, November 10, 2016, Kent State University
- Attended Hawaii International Conference on Education, January 3–6, 2016, Honolulu, Hawaii
- Attended AURCO Conference, April 18, 2015, Kent State University–Salem campus.
- Earned Certificate in Independent Applying the QM Rubric (APPQMR): Statewide Systems, May 8, 2015, Kent State University
- Attended numerous visiting scholar presentations/lectures, International Week panels, and cultural dialogues held by the Center for International and Intercultural Education, Kent State University.

AWARDS

2015 Mothers, Mentors and Muses Award. KSU Women’s Center

PROFESSIONAL ACTIVITIES

2022-present Serving on Climate Committee for TLC

2021-present Advising educational technology program master students

2019-2020 Faculty mentor for Mona Almehtel and Nada Almutairi, Saudi educators

2018-2019 Served on the Technology Advisory Council for TLC

2018-2019 Hosted Di Ai, a visiting scholar from China

2014-2016 Served on the International and Intercultural Faculty Advisory Committee for LDES

2016 Hosted Kun Zhu, a visiting scholar from China

2016 Served as International Leaders in Education Scholars Program (ILEP) faculty advisor for Cheik Sadibou Diouf (Senegal), Rachid Moussaid (Morocco), and Dewi Susilawati (Indonesia)

2015 Prepared materials and reports of ITEC computer/technology endorsement program for NCATE accreditation

2015 Participated in NCATE visit meetings - Graduate Coordinators meeting for the NCATE visit and NTT Faculty NCATE Meeting

- 2015 Served as International Leaders in Education Scholars Program (ILEP) faculty advisor for Mohammad Ahmed (Bangladesh) and Eric Meeme (Kenya)
- 2013 Served as International Leaders in Education Scholars Program (ILEP) Faculty advisor for Jorge Wilson da Conceicao (Brazil) and Franseda (Indonesia)
- 2011–2012 Global learning scholar funded by Longview Foundation
- 2011 Participated in Increasing Collaboration among Teachers for Information Communication Technologies Project (eTech Ohio Teacher Planning Grant) funded by eTech Ohio
- 2010–2011 Collaborated with the Career and Community Studies Transition Program. Assisted Campus Transition Project (CTP) students in Educational Technology class and provided them the college experience
- 2009 Received Textbook affordability grant from Ohio Board of Regents. Collaborators: Abate, R., Carlsen, R., Franklin, T., Kovalik, C., Zachariah, S.