Mike Karlin, Ph.D. (he/they)

Assistant Professor, STEM | Director, Snap Inc. Institute for Technology & Education (SITE) at CSUDH

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Education

Ph.D. in Instructional Systems Technology — August 2014 – December 2019
Minor, Human & Computer Interactions
Indiana University, Bloomington IN

M.S.ED in Curriculum and Instruction — August 2007 – August 2009
University of Kansas, Lawrence, KS

B.S.E. in Secondary Biology Education — August 2002 – May 2007
University of Kansas, Lawrence, KS

Effective College Instruction Certification — August 2021 – June 2022
Association of College and University Educators (ACUE)

ISTE-Teacher Certification — September 2013 – May 2014
James Madison University, Harrisonburg, VA

Technology Integration Certification — August 2012 – August 2013
Boise State University, Boise, ID

Awards & Fellowships

Top 100 Innovators in Education — *June 2021*
Global Forum for Education and Learning (GFEL)
This award is given to 100 visionaries in education from across the globe for their spirit of innovation, future readiness, market demand, and overall beneficial impact on the field of education.

Outstanding Adjunct Faculty Teaching Award — April 2021
School of Education, Indiana University
This award is presented each year to one adjunct professor within Indiana University's School of Education who exemplifies excellence in teaching across all of their courses.

Outstanding Dissertation Award — February 2021
Instructional Systems Technology, Indiana University
Each year the Instructional Systems Technology department presents one graduating student with the outstanding dissertation award for exemplary scholarship that offers a significant contribution to the field.

Lieber Memorial Teaching Associate Award January 2019

Indiana University

This highly competitive university-wide award is presented to outstanding graduate student teachers and is awarded to 1-2 students each year from across all of Indiana University's campuses.

Achasa Beechler Dissertation Fellowship January 2019

Indiana University

This School of Education dissertation fellowship is awarded to doctoral candidates whose dissertation proposals and research agendas show significant merit to the field.

Outstanding Associate Instructor Award April 2017

School of Education, Indiana University

This award is presented each year to one outstanding graduate student teacher from each department within Indiana University's School of Education.

Webb Fellowship April 2017

Instructional Systems Technology, Indiana University

This fellowship is awarded to graduate students who are conducting research that benefits and supports inservice and preservice K-12 educators.

TED Early Leader Award September 2016

Teacher Education Division, AECT

This award is presented to an early leader within the Teacher Education Division of AECT who, through research, service, and teaching, has exemplified significant dedication to supporting teacher education.

Faculty Doctoral Fellowship August 2014 – July 2018

Instructional Systems Technology, Indiana University

This highly competitive and prestigious fellowship from the IST program is a four-year award that provides new doctoral students with employment and funding throughout their program.

L.C. & Sharon Larson IST Award August 2015, 2016, 2017, 2018

Instructional Systems Technology, Indiana University

This competitive award from the IST program is awarded to students each year whose work will benefit the field through presentations at regional, national, and/or international conferences.

Proffitt Award August 2014 – July 2015

Instructional Systems Technology, Indiana University

This highly competitive award from the IST program is awarded to one first-year doctoral student each year who shows promise in research, service, and teaching.

Horizon Award February 2010

Kansas Department of Education

This highly competitive and prestigious award is given to 16 first-year educators each year from across the state of Kansas who demonstrate exceptional ability in the first year of teaching.

CSU Dominguez Hills Faculty Appointments

LBS 405: Engineering and the Arts (6 units) FA22

CSC 395: Selected Topics in Computer Science (1 unit) FA22

LBS 405: Engineering and the Arts (6 units) SP22

LBS 301: Schooling in a Multicultural Society (3 units) FA21

LBS 405: Engineering and the Arts (6 units) FA21

CSC 395: Selected Topics in Computer Science (1 unit) FA21

Indiana University Faculty Appointments

Adjunct Faculty, Indiana University School of Education WI21
EDUC R505/F401: How to Teach & Engage K-16 Students in Online Learning

Adjunct Faculty, Indiana University School of Education SP21
EDUC R541: Instructional Development and Production (3 sections)

Adjunct Faculty, Indiana University School of Education FA20
EDUC W200: Computers in Education

Adjunct Faculty, Indiana University School of Education FA20
EDUC R511: Instructional & Performance Technologies Foundations

Adjunct Faculty, Indiana University School of Education FA20
EDUC R505/F401: How to Teach & Engage K-16 Students in Online Learning

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Graduate Appointments

Research Assistant SP18, SU18, FA18, SP19
NSF Sub-Grant, Expanding Computer Education Pathways

Research Assistant FA18, SP19
Google Grant, Broadening Participation in Computer Science Education

Lead Associate Instructor FA15, SP16, FA16, SP17, FA17, SP18, SU18
EDUC W200: Computers in Education

Associate Instructor FA15, FA16, FA17, FA18
EDUC W435: K-12 Technology Leadership

Teaching Assistant (Dr. Anne Leftwich) FA18
EDUC R795: Dissertation Proposal Preparation

Teaching Assistant (Dr. Krista Glazewski) SP18
EDUC R695: IST Doctoral Colloquium

Teaching Assistant (Dr. Anne Leftwich) SU16
EDUC R685: Topical Seminar: Best Practices in Professional Development

Teaching Assistant (Dr. Curtis Bonk) SP15
EDUC R511: Instructional Technology Foundations

Professional Experience

Director, Snap Inc. Institute for Technology & Education (SITE) 2022 – Present

CSU Dominguez Hills, CA

Led the institute's efforts in research, curriculum revision and transformation, and partnerships with local, state, and regional organizations. Managed a $4M endowment and $1M in startup funds. Supervised two post-doctoral scholars and one graduate student research assistant. Provided equity-focused professional development to university faculty, preservice teachers, and inservice teachers.

Assistant Professor of Liberal Studies / STEM 2021 – Present

CSU Dominguez Hills, CA

Taught and revised undergraduate courses for future educators in the College of Education. Engaged and published research on broadening participation in STEM and computer science education. Participated in service activities at the local, state, and national level. Created new coursework for liberal studies program based on student, department, and local district needs.

ISTE U Course Author & Instructor 2018 – Present

International Society for Technology in Education (ISTE), Remote

Led the design and development of this new ISTE course with a team of graphic designers, instructional designers, and internal ISTE stakeholders. Aligned course curriculum with ISTE's computational thinking standards and competencies. Received consistently high evaluations from hundreds of K-12 preservice and inservice educators who have taken this course while serving as their instructor.

Adjunct Faculty (Online) 2019 – 2021

Indiana University, Remote

Taught and designed undergraduate and graduate courses for preservice and inservice educators in the School of Education. Created and taught new courses on online teaching and learning for K-16 educators, and computational thinking for K-12 educators. Designed all course curricula to align with state and national standards. Consistently received exemplary evaluations and feedback from learners.

Knowledge & Product Liaison 2021 – 2021

FormAssembly, Remote

Assisted all Customer Success and Support team members with preparation and training for product releases including new functionality and emerging technologies. Collected, analyzed, organized, and provided customer feedback to support the Product Team in the implementation of new features. Designed and implemented policies and practices for resolving technical issues and improving product functionality. Consistently raised the technical knowledge of all Customer Success and Support team members to drive faster resolutions of customer issues. Partnered with the Director of Customer Success and Knowledge Coordinator on product knowledge and training initiatives such as the customer and partner certification program, online knowledge base, and internal and external training.

Director of Instructional Design 2018 – 2021

Tiber Health / Ponce Health Sciences University, Remote

Successfully and consistently led multiple, cross-organizational teams across simultaneous projects. Trained and supervised new education technology team members. Designed and built online infrastructure for delivery of the Master of Science in Medical Sciences program for partner universities. Acted as liaison between partner university stakeholders, our faculty, and internal leadership. Designed and delivered software and analytics trainings to MD faculty and admissions committee. Consistently exceeded goals on student satisfaction and retention rates. Provided weekly analysis and reporting on student performance across multiple universities to identify potentially at-risk students.

Founder & Editor 2013 – 2021

The EdTech Roundup, Online

Supported tens of thousands of K-12 teachers and technology leaders with the work I have done as creator and editor of this blog. Wrote reviews of hundreds of educational technology products and services. Provided one-on-one coaching and advice to K-12 teachers across the country to help find educational technology tools and resources best suited to their specific needs and contexts.

SCRIPT CSforALL Statewide Trainer 2018 - 2019

Nextech, IN

Led statewide trainings for Nextech and the Indiana Department of Education on SCRIPT (Strategic CSforALL Planning Tool for School Districts) for districts, administrators, and key K-12 stakeholders. Provided training to help K-12 schools and districts create or expand upon computer science education implementation plans for their students with a focus on broadening participation to all students, not just those traditionally represented in computer science.

Lead Associate Instructor 2015 – 2018

Indiana University, IN

Trained, mentored, and provided feedback on curricular design and instructional practices to our team of associate instructors. Designed undergraduate courses for K-12 preservice teachers that aligned with state and national standards. Taught technology integration courses to K-12 preservice teachers. Consistently received exemplary evaluations across all courses. Received multiple teaching awards.

Instructional Designer & Knowledge Lead 2014 – 2018

FormAssembly, IN

Supervised and trained colleagues in the design of knowledge base articles, webinars, and other training materials. Consistently and successfully managed multiple projects across the support, knowledge, and product teams. Provided in-person and online training to numerous international organizations.

Technology Integration Specialist & Computer Teacher 2012 – 2014

Colegio Karl C. Parrish, Colombia

Taught and designed 5th through 12th grade computer science and literacy curricula. Designed, implemented, and supported the technology professional development activities for all secondary teachers and staff members. Provided one-on-one technology coaching and mentoring.

English & Science Teacher 2010 – 2012

Chorim Elementary & AllieJam Hagwon, South Korea

Taught and designed preK-6 science and English curriculum to align with national South Korean standards. Taught 4th-6th grade virtual international class between South Korean students and New Zealand students. Provided standard-aligned technology professional development to colleagues.

Biology Teacher 2008 – 2010

Gardner-Edgerton High School, KS

Taught and designed high school biology curriculum to align with state standards. Led standard-aligned professional development activities on technology integration. Sponsored multiple student organizations. Received the DOE 2009 Kansas Horizon Award for exemplary first year teacher.

Music Teacher 1999 – Present

US, Korea, Colombia

Taught and designed personalized music curricula for hundreds of students in both private and group settings. Taught classical, jazz, and rock piano, as well as music theory, percussion, and guitar.

Peer-Reviewed Publications

Karlin, M., Ottenbreit-Leftwich, A., Liao, Y.C. (Accepted with minor revisions). Building a Gender-Inclusive Secondary Computer Science Program: Teacher Led and Stakeholder Supported. *Computer Science Education*.

Karlin, M., Stephany, C., Reed, M., (Submitted for Review). Coding to Connect: Centering Joy and Community in Elementary Computer Science Education. *In Dialogue / En Dialogo*.

Ottenbreit-Leftwich, A., Brush, T., Kwon, K., **Karlin, M.**, Jeon, M., Jantaraweragul, K., Guo, M., Nadir, H., Gok, F., Bhattacharya, P. (2021) Impact of Problem-Based Learning on 6th Grade Girls' Understanding of and Interest in Computer Science. *Computers and Education Open, 2*(1). doi: 10.1016/j.caeo.2021.100057

Liao, Y.C., Ottenbreit-Leftwich, A., Glazewski, K., **Karlin, M**. (2021). Coaching to Support Teacher Technology Integration in Elementary Classrooms: A Multiple Case Study. *Teaching and Teacher Education*, 104. doi: 10.1016/j.tate.2021.103384

Ottenbreit-Leftwich, A., Liao, Y. C., **Karlin, M.**, Lu, Y. H., Ding, A. C. E., & Guo, M. (2020). Year-long implementation of a research-based technology integration professional development coaching model in an elementary school. *Journal of Digital Learning in Teacher Education, 36*(4), 206-220

Brush, T., Ottenbreit-Leftwich, A., Kwon, K., **Karlin, M**. (2020). Implementing Socially Relevant Problem-Based Computer Science Curriculum at the Elementary Level: Students' Computer Science Knowledge and Teachers' Implementation Needs. *Journal of Computers in Mathematics and Science Teaching, 39*(2), 109-123.

Richardson, J. C., Brush, T., Ottenbreit-Leftwich, A., **Karlin, M.**, Leary, H., Shelton, B. E., Lowell, V., Exter, M. E., Stryker, J., & Shin, S. (2020). Innovations in Instructional Design and Technology Programs: a View from PIDT 2018. *TechTrends, 64*(3), 432-438. doi: 10.1007/s11528-019-00445-8

Ozogul, G., **Karlin, M.**, Ottenbreit-Leftwich, A., Ding, A., Liao, Y.C., Guo, M. (2019). Instructional practices for addressing computer science standards: Using computer kits in preservice teacher education. *Research on Education and Media*, *11* (1), 18-24.

Karlin, M., Ozogul, G. (2018). Design and Implementation of a Structured Academic Controversy for Preservice Teachers in a Computer Education Licensure Program. *Journal of Applied Instructional Design, 7*(1), 27-34. doi: 10.28990/jaid2018.071005

Ozogul, G., **Karlin, M**. & Ottenbreit-Leftwich, A. (2018). Preservice Teacher Computer Science Preparation: A Case Study of an Undergraduate Computer Education Licensure Program. *Journal of Technology and Teacher Education, 26*(3), 375-409.

Karlin, M., Ottenbreit-Leftwich, A., Ozogul, G., Liao, Y. (2018). K-12 Technology Leaders: Reported Practices of Technology Professional Development Planning, Implementation, and Evaluation. *Contemporary Issues in Technology and Teacher Education Journal*, *18*(4). 722-748.

Liao, Y., Ottenbreit-Leftwich, A., Brush, T., **Karlin, M.,** Glazewski, G. (2017). Supporting Change in Teacher Practice: Examining Shifts of Teachers' Professional Development Preferences and Needs for Technology Integration. *Contemporary Issues in Technology and Teacher Education*, *17*(4). 522-548.

Karlin, M., Ozogul, G., Miles, S., & Heide, S. (2016). The Practical Application of e-Portfolios in K-12 Classrooms: An Exploration of Three Web 2.0 Tools by Three Teachers. *TechTrends, 60*(4), 374-380. doi: 10.1007/s11528-016-0071-2

Grants & Funding

Google LLC Community Grants (2022). *Developing biannual, culturally relevant computer science events and professional development for K-12 students, preservice teachers, and inservice teachers.* 19,500 over 1 year. PI: **Mike Karlin**. FUNDED.

National Science Foundation (2022). Micro-credentials for Integrating Computing Responsibly into Other (MICRO) Domains in Colleges of Education. $1,700,000 over 3 years. PI: Lauren Margulieux. Co-PI: **Mike Karlin**, Yin-Chan Janet Liao, Brendan Calandra. UNDER REVIEW

Spencer Foundation (2022). The Impact of an Afterschool Coding Program on Underserved K-5 Students' Understanding of and Interest in Computer Science. $142,000 Over 2 Years. PI: **Mike Karlin.** Co-PI: Jessica Pandya. NOT FUNDED.

Google Inc., CS-ER (2022). Capacity building for K-8 computer science education: Supporting teacher educators' CS integration in teacher preparation programs. $99,000 Over 1 Year. PI: Yin-Chan Janet Liao. Co-PI: **Mike Karlin.** NOT FUNDED

California Educator Workforce Investment Grant (EWIG) Program: Computer Science (2021). SEED-CS: Supporting Effective Educator Development in Computer Science in California. $5,000,000 over 1 year. PI: Mohsen Beheshti. Co-PI: **Mike Karlin**, Amlan Chatterjee, Alireza Izaddoost. NOT FUNDED.

Snap Inc. and CSforALL, CSforEd Initiative (2021). Secured $5M in funding with Dean Jessica Pandya for the endowment of an institute at CSUDH focused on bringing high quality, standard-aligned computer science education to students in the College of Education and surrounding community. $5M Over 2 Years. FUNDED

Indiana University School of Education Learning with Technology Challenge Development Grant. Developing an Open Textbook with Expert Contributions for W200: Computers in Education *(*2017-2018*).* Indiana University School of Education Learning with Technology Challenge Development Grant. PI: Anne Ottenbreit-Leftwich, Co-PIs: **Mike Karlin,** Ya-Huei Lu, Yin-Chan Liao. $4,000 Over 1 Year. FUNDED

Dissertation

Karlin, M. (2020). Strategies for Recruiting and Retaining Female Students in Secondary Computer Science. Indiana University. Available through IU ScholarWorks: https://scholarworks.iu.edu/dspace/handle/2022/25179

Book Chapters

Xavier, J., Zarch, R., Dunton, S., Ottenbreit-Leftwich, A., **Karlin, M.** (2021). Understanding K-12 Computer Science Education at the State Level. In C. Mouza, A. Yadav, & A. Leftwich (Eds.), *Preparing Teachers to Teach Computer Science: Models, Practices and Policies.* Charlotte, NC: Information Age Publishing.

Poth, R.D., Fernando, A., Okoye, R., & **Karlin, M.** (2018). Blogging for Teachers and Students. In Ottenbreit-Leftwich, A. & Kimmons, R. (Eds.), *The K-12 Educational Technology Handbook*. EdTech Books. Retrieved from edtechbooks.org/k12handbook.

Book Reviews

Karlin, M. (2022). *Beyond Coding: How Children Learn Human Values Through Programming.* Book Review. Teachers College Record. Retrieved from https://journals.sagepub.com/pb-assets/cmscontent/TCZ/Book%20Reviews%20Collection%202022/June%202022/beyondcoding-1656430048.pdf

Karlin, M. (2022). *Fair Vs. Equal: Facing the Barriers to Technology Integration in our Schools.* Book Review. Teachers College Record. Retrieved from https://journals.sagepub.com/pb-assets/cmscontent/TCX/Book%20Reviews/2022/Jan/Fair%20vs%20Equal-1648477357337.pdf

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National and International Presentations & Proceedings

Karlin, M. (2022, July). *Computer Science Equity Minded Programs: Exploring a Gender-Inclusive Computer Science Program*. Paper presented at the 2022 Computer Science Teachers Association (CSTA) annual conference, Chicago, IL.

Karlin, M., Ottenbreit-Leftwich, A., Liao, J. (2022, April). *Teacher and Student Experiences in a Gender-Inclusive Secondary Computer Science Program: Strategies for Broadening Participation*. Paper presented at the 2022 American Educational Research Association (AERA) annual conference, San Diego, CA.

Karlin, M (2021, October). *Decoding Artificial Intelligence: Incorporating Critical Media Literacy into Computer Science Education to Promote Algorithmic Justice*. Salon session presentation given at the 2021 Critical Media Literacy Conference of the Americas (CMCLA), Virtual.

Brush, T., Ottenbreit-Leftwich, A., Kwon, K. & **Karlin, M.** (2019). Implementing Socially Relevant Problem-Based Computer Science Curriculum at the Elementary Level: Students' Computer Science Knowledge and Teachers' Implementation Needs. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2257-2266). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE). Retrieved August 31, 2019 from https://www.learntechlib.org/primary/p/207963/.

Guo, M., **Karlin, M.**, Liao, J., Ding, A., Lu, Y., Ottenbreit-Leftwich, A. (2018, October). *Implementation of a Research-Based Professional Development Technology Coaching Model in an Elementary School*. Presentation given at the 2018 Association for Educational Communications and Technology (AECT) Annual International Convention, Kansas City, MO.

Karlin, M. (2018, October). *Kansas City: From a Graduate Student Perspective*. Presentation given at the 2018 Association for Educational Communications and Technology (AECT) Annual International Convention, Kansas City, MO.

Ottenbreit-Leftwich, A., Cullen, T., Liao, J., **Karlin, M.** (2018, June). *Best Research-Based Practices for #EdTech Professional Development: A Summary and Workshop.* Concurrent presentation at the 2018 International Society for Technology in Education (ISTE) Annual International Conference in Chicago, IL.

Karlin, M., Ozogul, G. (2017, November). *Preservice Teachers' Perceptions and Beliefs about Controversial Technology-Related Issues in a Computer Education Licensure Program*. Roundtable presentation at the 2017 Association for Educational Communications and Technology (AECT) Annual International Convention, Jacksonville, FL.

Karlin, M., Bae, H., Alsaif, M., Basdogan, M., Edelberg, T., Ergulec, F., Nadiruzzaman, H., Sari, A., Zhu, M., Brush, T., & Glazewski, K. (2017, November). *Signals of Reflective Thinking Among Middle School Learners in a Maker Environment*. Concurrent presentation at the 2017 Association for Educational Communications and Technology (AECT) Annual International Convention, Jacksonville, FL.

Hale, P., Brynteson, K., **Karlin, M.,** Stork, M., Huett, K. (2017, November). *The Development of a Multi-disciplinary, Online Learning Space Repository.* Panel presentation at the 2017 Association for Educational Communications and Technology (AECT) annual conference, Jacksonville, FL.

Liao, Y., **Karlin, M.**, & Ottenbreit-Leftwich, A. (2017, June). *Improving Professional Development: Examining Perspectives from Teachers and Technology Leaders*. Paper presented at the 2017 International Society for Technology in Education (ISTE) conference, San Antonio, TX.

Ottenbreit-Leftwich, A., **Karlin, M.**, Liao, Y., & Lu., Y (2017, June). *How to Guide #EdTech PD for Teachers: Research to Practice*. Research presentation at the 2017 International Society for Technology in Education (ISTE) conference, San Antonio, TX.

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

Karlin, M., Ozogul, G. (2016, October). *In Search of a Computer Science Teacher: Expectations of Today's Job Market.* Roundtable presentation at the 2016 Association for Educational Communications and Technology (AECT) Annual International Convention, Las Vegas, NV.

Karlin, M., Liao, Y., Ottenbreit-Leftwich, A., Lu., Y., Ding, A., Guo, M., Juska., J. (2016, October). Technology Coaching with Individualized Professional Development Plans. Presentation session at the 2016 Indiana Connected Educators (ICE) Annual Conference, Noblesville, IN.

Karlin, M., Liao, Y., Ottenbreit-Leftwich, A., (2016, June) *Designing Technology-Related Professional Learning: Perspectives and Practices from the Field.* Poster presented at the 2016 International Society of Technology in Education (ISTE) conference, Denver, CO.

Karlin, M., Ozogul, G., Howard, G., Hughes, C., Chung, C. H. (2016, April). *Computer Science Education Certification: Preservice Teacher, Alumni, and Faculty Experiences in a Licensure Program*. Paper presented at the 2016 American Educational Research Association (AERA) annual meeting, Washington, DC.

Liao, Y., Ottenbreit-Leftwich, L., Brush, T., **Karlin, M.**, Glazewski, K. (2016, June) *Supporting Change in Teacher Technology Integration: Examining Shifts of Teachers' Professional Development.* Paper presented at the 2016 International Society of Technology in Education (ISTE) conference, Denver, CO.

Sabir, N., Gyabak, K., Bonk, C. J., **Karlin, M.**, Xu, S., & Saxena, P. (2016, April). *Exploring the means and methods of technology-enhanced collaborative global classrooms through teacher voices*. Roundtable session at the 2016 American Educational Research Association (AERA) annual meeting, Washington, DC.

Sabir, N., **Karlin, M.**, Gyabak, K., & Bonk, C. J. (2015, November). *Exploring teacher decisions to facilitate technology-supported collaborative teaching practices*. Poster Presentation at the 2015 Association for Educational Communications and Technology (AECT) Annual International Convention, Indianapolis, IN.

Liao, Y., Ottenbreit-Leftwich, A., Glazewski, K., Brush, T., **Karlin, M**. (2015, November). *Supporting Change in Teacher Practice: Examining Teachers' Professional Development for Technology Integration*. Poster Presentation at the 2015 Association for Educational Communications and Technology (AECT) Annual International Convention, Indianapolis, IN.

Sabir, N. Gyabak, K, **Karlin, M.**, & Bonk, C. (2015, April). *Exploring the Impact of Teacher Experiences on Technology Enhanced Global Classrooms*. Poster presented at the 2015 American Educational Research Association (AERA) Annual Conference, Chicago, IL.

Sabir, N., Gyabak, K., Bonk, C., **Karlin, M.**, Xu, S., & Saxena, P. (2015, March). *Collaborative Global Classrooms: A survey of technology supported transformative learning environments.* Poster presented at the 2015 Comparative and International Education Society's Annual Conference, Washington D.C.

Karlin, M., Howard, G., Jacimovic, V., Park, S. J. (2015, February). *From Theory to Practice: The Challenges, Successes and Lessons Learned in Creating an Instructional Design Solution for Habitat for Humanity*. Design showcase presented at Indiana University's Instructional Systems Technology annual conference in Bloomington, IN.

Local Presentations (Indiana)

Ottenbreit-Leftwich, A., **Karlin, M**. (2018, September). *Integrating Computational Thinking to Address the Indiana Computer Science Standards in English Language Arts.* Presentation given at the 2018 Flipping the Switch Conference, Indianapolis, IN.

Karlin, M. (2017, July). *App Smashing 101: Combining iOS Apps for K-8 Student Creation Activities.* Spotlight Speaker Presentation at the 2017 MCCSC TechEZ Indiana eLearning Conference, Bloomington, IN.

Karlin, M., Liao, Y., Ottenbreit-Leftwich, A., Lu, Y., Ding, A., Guo, M., & Juska, J. (2016, October). *Technology Coaching with Individualized Professional Development Plans: Challenges and Successes in an Elementary Implementation*. Presentation given at the 2016 Indiana Connected Educators (ICE) Conference, Noblesville, IN.

Karlin, M. (2016, June). *Flipped Classrooms and Blended Learning: 4 Free Tools for Creating Interactive Multimedia Lessons.* Spotlight Speaker Presentation at the 2016 engagED NWI Indiana eLearning Conference, Lowell, IN.

Karlin, M. (2016, June). *Classroom Management Strategies for Digital Devices in K-12 Classrooms.* Spotlight Speaker Presentation at the 2016 engagED NWI Indiana eLearning Conference, Lowell, IN.

Karlin, M. (2016, June). *Classroom Management Strategies for Digital Devices in the Elementary Classroom.* Presentation given at the 2016 iPower Up the Classroom Indiana eLearning Conference, Bloomington, IN.

Karlin, M. (2016, June). *Classroom Management Strategies for Digital Devices in the Secondary Classroom.* Presentation given at the 2016 iPower Up the Classroom Indiana eLearning Conference, Bloomington, IN.

Karlin, M. (2015, May). *Flipping Your Classroom: Three Free Tools for Creating Interactive Multimedia Lessons.* Presentation given at the 2015 Indiana CTO Council's annual conference, Bloomington, IN.

Service

CSU Dominguez Hills

Committee Member, University Writing Committee	2021 - Present
Committee Member, College of Education Technology Committee	2021 - Present
Committee Member, Liberal Studies Department Curriculum Committee	2021 - Present
Committee Member, Computer Science Supplementary Authorization Committee	2021 - Present

California Statewide Organizations

Member, CSforCA Statewide Coalition	2021-Present
Member, CSforCA K-12 Workgroup	2021-Present
Co-Lead, CSforCA Higher Education Workgroup	2021-Present
Member, California Department of Education Preservice CS Workgroup	2022-Present

American Educational Research Association (AERA)

Proposal Reviewer, TACTL	2021-Present
Proposal Reviewer, IT, T&TE SIGs	2018
Proposal Reviewer, IT, T&TE SIGs	2017
Proposal Reviewer, IT, D&T, T&TE SIGs	2016
Proposal Reviewer, TACTL SIG	2015

International Society for Technology in Education (ISTE)

Proposal Reviewer, Computational Thinking Conference Sessions	2021-Present
Research Session Facilitator, ISTE Conference Concurrent Sessions	2018
Proposal Reviewer, Professional Learning and Instructional Design	2018
Research Session Facilitator, ISTE Conference Concurrent Sessions	2017
Co-Leader, ISTE Technology-in-Action Project	2017-2018
Volunteer Champion, Ask Me booth conference representative	2016
Proposal Reviewer, Professional Learning and Instructional Design	2016

Association for Educational Communications and Technology (AECT)

Journal Reviewer, TechTrends	2020-2021
Project Member, Learning Spaces Repository SMT and TED	2017
Proposal Reviewer, Teacher Education Division (TED)	2017
Full-Time Conference Volunteer, Bookstore	2016
Proposal Reviewer, Teacher Education Division (TED)	2016
Proposal Reviewer, School, Media, and Technology (SMT)	2016
Proposal Reviewer, Design and Development (D&D)	2016
Proposal Reviewer, Culture, Learning, and Technology (CLT)	2015
Proposal Reviewer, School, Media, and Technology (SMT)	2015

Other Professional Organizations

Journal Reviewer, Journal of Computer Science Integration	2022-Present

Indiana University

W200 AI Mentor & Curriculum Designer, Indiana University, W200 Course	2016 - 2020
IST Representative, Center of Excellent for Women in Technology Conference	2017
Round Table Presenter, Indiana University's Preparing Future Faculty Conference	2017
Panel Moderator, Indiana University's Annual IST Conference	2017
Presenter, Project Management Overview for Center on Education & Lifelong Learning	2017
Student Representative, School of Education Design Thinking Workshop	2016
President, Graduate Students in Instructional Systems Technology (GIST)	2015 - 2016
Conference Co-Chair & Webmaster, Indiana University's Annual IST Conference	2016
Hospitality Chair, Indiana University's Annual IST Conference	2015

Indiana DOE & Indiana Schools

Student Mentor on Broadening Participation Research, High School AP Research	2020 - 2021
Regional Trainer, CS4ALL SCRIPT Training	2018 - 2019
Conference Planner, MCCSC's Summer eLearning Summit	2018
Conference Planner, Summer of eLearning's TechEZ Conference	2017
Committee Member, Expanding Computer Education Pathways	2016
PD Facilitator, Digital Content Curation Workshop, Office of e-Learning	2016
Conference Planner, Summer of eLearning's iPower Up the Classroom Conference	2016

Monroe County Community School Corporation (MCCSC)

PD Facilitator, Technology Integration PD, Lakeview Elementary	2016 - 2017
Technology Coach, 4th Grade Coach for Technology Integration, Lakeview Elementary	2016 - 2017
PD Facilitator, Summer Canvas Training Workshop, Bloomington North High School	2015

Middle Way House

Instructional Designer, Middle Way House Crisis Innervation Training Materials	2016 - 2018
Panelist, Domestic Violence and Technology Community Discussion	2016
On-Scene Advocate, Completed certification program	2016

References

Krista Glazewski, PhD
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(812) 856-8457 / glaze@indiana.edu

Gamze Ozogul, PhD
Associate Professor, IST, Indiana University
(812) 856-8281

Anne Ottenbreit-Leftwich, PhD
Barbara B. Jacobs Chair in Education & Technology, Indiana University
(812) 856-8486 / aleftwic@indiana.edu

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