

**KRISTA D. GLAZEWSKI\*, PH.D.**  
**PROFESSOR AND DEPARTMENT CHAIR, INSTRUCTIONAL SYSTEMS TECHNOLOGY**  
**SENIOR RESEARCH SCIENTIST, CENTER FOR RESEARCH ON LEARNING AND TECHNOLOGY**  
**INDIANA UNIVERSITY**

**Career Highlights:** *I am known for leadership as a research catalyst through building diverse teams, internal and external partnerships, and extramural funding. My accomplishments are reflected in external funding of \$10.47 million from the National Science Foundation, U.S. Department of Education, and U.S. Department of Defense. My publications include 47 peer-reviewed papers, 18 book chapters, and one book across two editions. I currently serve as Editor-in-Chief of The Interdisciplinary Journal of Problem-Based Learning.*

## EDUCATION

<b>Ph.D.</b>	2003
<i>Dissertation: The Impact of Scaffolding and Student Ability in a Hypermedia, Problem-Based Learning Unit</i>	
Learning and Instructional Technology, Arizona State University, Phoenix, Arizona	
<b>M.A.</b>	1998
Secondary Education, University of New Mexico, Albuquerque, New Mexico	
<b>B.A.</b>	1995
Education, Magna Cum Laude	
Endorsement in Teaching English as a Second Language, Language Arts	
University of New Mexico, Albuquerque, New Mexico	

## ACADEMIC APPOINTMENTS

<b>Department Chair &amp; Professor</b>	Fall 2020 – present
<i>Indiana University, Department of Instructional Systems Technology</i>	
<b>Department Chair &amp; Associate Professor</b>	Fall 2018 – Fall 2020
<i>Indiana University, Department of Instructional Systems Technology</i>	
<b>Associate Professor</b>	Fall 2011 – 2018
<i>Indiana University, Department of Instructional Systems Technology</i>	
<b>Associate Professor of Learning Technologies</b>	Fall 2009 – Spring 2011
<i>New Mexico State University, Department of Curriculum and Instruction</i>	
<b>Assistant Professor of Learning Technologies</b>	Fall 2006 – Spring 2009
<i>New Mexico State University, Department of Curriculum and Instruction</i>	
<b>Assistant Professor of Educational Technology</b>	Fall 2003 – Spring 2006
<i>Purdue University, Department of Curriculum and Instruction</i>	

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**Middle School Teacher**

*Albuquerque Public School District*  
 Grades 6-8: Multiple disciplines

1996 - 1999

**CERTIFICATIONS, AWARDS, AND RECOGNITIONS**

- 2020**      **Faculty Excellence in Mentoring Award**  
 Indiana University Center of Excellence for Women & Technology
- 2018**      **Outstanding Paper Award, IEEE International Conference on Teaching, Assessment, and Engineering, Wollongong, Australia**  
 Paper recognized: Larson, J., Farnsworth, K., Folkestad, L., Khodadadi Tirkolaei, H., **Glazewski, K. D.**, & Savenye, W. *Using Problem-Based Learning to enable application of foundation engineering knowledge in a real-world problem.*
- 2009**      **Rising Star Award**  
 Office of the Vice Provost for Research, New Mexico State University
- 2008**      **Dean's Award for Excellence in Teaching Award**  
 College of Education, New Mexico State University
- 2007**      **Leadership Award**  
 American Educational Research Association SIG – Instructional Technology for service to the SIG from 2004-2006.
- 2006**      **Curriculum & Instruction Excellence in Teaching Award Nominee**  
 Purdue University
- 2005**      **Service Learning Fellowship**  
 Purdue University
- 2004**      **Junior Faculty Fellow**  
 International Conference of the Learning Sciences
- 2004**      **Instructional Technology Young Researcher Award**  
 American Educational Research Association, SIG-Instructional Technology
- 2003-04**    **Award for Research Excellence** (in recognition of dissertation research)  
 Arizona State University, Division of Psychology in Education, College of Education
- 2002-03**    **P.E.O. National Scholar Award: Arizona State Nominee**
- 2002-03**    **Preparing Future Faculty Fellow, Arizona State University**
- 1996-99**    **New Mexico State Teaching Certification (inactive)**  
 Teaching English as a Second Language, Language Arts, and Social Studies

**AWARDS AND RECOGNITIONS RECEIVED BY STUDENTS**

- 2022**      **Outstanding Empirical Journal Article Award in the Research & Theory Division AECT**  
 Association for Educational Communications and Technology

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*Paper Recognized:* Bae, H., **Glazewski**, K., Brush, T., & Kwon, K. (2021). Fostering transfer of responsibility in the middle school PBL classroom: An investigation of soft scaffolding. *Instructional Science*, 49, 337–363.

- 2021**      **Qualitative Inquiry Award: Ai-Chu Ding**  
 Association for Educational Communications and Technology  
*Paper Recognized: Language teachers and multimodal instructional reflections during video-based online learning tasks*
- 2019**      **Best Paper Award: Ai-Chu Ding, Krista Glazewski, and Faridah Pawan**  
 American Educational Research Association, SIG-Technology as an Agent of Change  
*Paper Recognized: Ding, A-C., Glazewski, K., & Pawan, F. Reflecting on instructional practices multimodally during video-based reflective tasks*
- 2017**      **Young Researcher Award: Donggil Song**  
 Association for Educational Communications and Technology, Research & Theory Division
- 2013**      **Nova Southeastern University Award for Outstanding Practice: Fallon Stillman, Ai-Chu Ding, and Yin-Chan Liao**  
 Associate for Educational Communication & Technology, Design & Development Division, in recognition of a course project completed in R541 at IU while I was their instructor.
- 2008**      **Young Scholar Award: Brian Belland**  
 Associate for Educational Communication and Technology, *Educational Technology Research and Development*
- 2008**      **Young Researcher Award: Anne Ottenbreit-Leftwich**  
 Association for Educational Communications & Technology, Research & Theory Division

## DOCTORAL DISSERTATION AND THESIS ADVISING

Chair: Haesol Bae, PhD from Indiana University (2021)  
 Chair: Bev Wilgenbusch, EdD from Indiana University (2021)  
 Chair: Caitlin Stockstell, EdD from Indiana University (2021)  
 Co-Chair: Hamid Nadir, PhD from Indiana University (2021)  
 Co-Chair: Ai-Chu Ding, PhD from Indiana University (2018)  
 Co-Chair: Yin-Chan Liao, PhD from Indiana University (2018)  
 Co-Chair: Ya-Huei Lu, PhD from Indiana University (2017)  
 Chair: Jiyoung Jung, PhD from Indiana University (2017)  
 Chair: Donggil Song, PhD from Indiana University (2015)  
 Co-Chair: Jamie Baker, PhD from New Mexico State University (2012)  
 Co-Chair: Gloria Hajat, PhD from New Mexico State University (2010)  
 Co-Chair: Brian Belland, PhD from Purdue University (2008)  
 Co-Chair: Anne Ottenbreit-Leftwich, PhD from Purdue University (2007)

## EXTERNAL GRANTS, FUNDED

**Summary:** Total external funding at Indiana University and New Mexico State University is \$10.47 million.

**Glazewski**, K., (Principal Investigator), Hmelo-Silver, C. (co-Principal Investigator), & Brush, T. A. (co-Principal Investigator). *Integrating AI Learning into Middle School Science through Natural Language*

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*Processing*, (2022-2025: ACTIVE). National Science Foundation (DRL #2147811). Collaborative award with University of Florida. **IU Award: \$380,000 over 3 years; total collaborative award is \$1.12 million.**

Hmelo-Silver, C. (Principal Investigator), Crandall, D. (co-Principal Investigator), Danish, J. (co-Principal Investigator), **Glazewski**, K. (co-Principal Investigator), Ottenbreit-Leftwich, A. (co-Principal Investigator). *AI Institute for Engaged Learning*, (2021-2026: ACTIVE). National Science Foundation (DRL #2112635). Collaborative award with North Carolina State University (Lester, J., Director and Lead Principal Investigator), University of North Carolina, Vanderbilt University, and Digital Promise. **IU Award: \$4 million over 5 years; total collaborative award is \$20 million.**

Kwon, K. (Principal Investigator), **Glazewski**, K. (co-Principal Investigator), & Ottenbreit-Leftwich, A. (co-Principal Investigator). *AI Goes Rural: Middle School Artificial Intelligence Citizenship Education*, (2021-2023: ACTIVE). Department of Defense (DoD) National Defense Education Program (NDEP). Collaborative proposal with Crane Naval Base. **IU Award: \$1.4 million over 3 years; total collaborative award with Crane is \$2 million.**

**Glazewski**, K. (Principal Investigator), Hmelo-Silver, C. (co-Principal Investigator), Ottenbreit-Leftwich, A. (co-Principal Investigator), & Scribner, A. (co-Principal Investigator). *PrimaryAI: Integrating Artificial Intelligence into Upper Elementary Science with Immersive Problem-Based Learning*, (2019-2022: ACTIVE). National Science Foundation (DRL #1934128). Collaborative proposal with North Carolina State University. **IU award: \$670,000 over 4 years; total collaborative award with NCSU is \$1.6 million.**

**Glazewski**, K., (Principal Investigator), Hmelo-Silver, C. (co-Principal Investigator), & Brush, T. A. (co-Principal Investigator). (2018-2022: ACTIVE). *Augmented Cognition for Teaching: Transforming Teacher Work with Intelligent Cognitive Assistants*. National Science Foundation (IIL #1839966). Collaborative proposal with North Carolina State University. **IU award: \$1.5 million over 4 years; total collaborative award with NCSU is \$3 million.**

Hmelo-Silver, C. (Principal Investigator), **Glazewski**, K. (co-Principal Investigator). (2016 – 2021: ACTIVE). *Big Data from Small Groups: Learning Analytics and Adaptive Support in Game-based Collaborative Learning*. National Science Foundation (DUE #1561486). Collaborative proposal with North Carolina State University. **IU award: \$1.3 million over 5 years; total collaborative award with NCSU is \$2.5 million.**

Brush, T. A. (Principal Investigator), Ottenbreit-Leftwich, A. (co-Principal Investigator), Saye, J. (co-Principal Investigator), & **Glazewski**, K. D. (co-Principal Investigator). (2010 – 2014: COMPLETED). *PBL-TECH: Using Web 2.0 Tools and Resources to Support Problem-Based Curricular Innovations in Pre-Service Teacher Education*. Fund for the Improvement of Post-Secondary Education (FIPSE), U S. Department of Education, **\$750,000 over 3 years.**

**Glazewski**, K. D. (Principal Investigator) & Shuster, M. (co-Principal Investigator). (2009 – 2012: COMPLETED). *Conexiones: Fostering Technology-Enhanced Socioscientific Inquiry in Graduate Teacher Preparation*. Fund for the Improvement of Post-Secondary Education (FIPSE), U.S. Department of Education. **\$268,000 over 2 years.**

**Glazewski**, K. D. (co-Principal Investigator) & others. (2009: COMPLETED). *Project Filmkids: Afterschool participation in digital design*. New Mexico State Department of Education. **\$100,000 over 3 years.**

Rutledge, D., (Principal Investigator), **Glazewski**, K. D. (co-Principal Investigator), & Pedersen, S. (co-principal investigator). (2008: COMPLETED). *Evaluation of the LANL Math Science Academies program*. **\$25,000 over 1 year.** Los Alamos National Laboratory Foundation.

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**Glazewski, K. D.** (Principal Investigator) & Rutledge, D. (co-Principal Investigator). (2006). *Evaluation of the Emergency Management Interactive Training online program. \$76,000 over 18 months.* Sponsored by the Army Research Institute in collaboration with the NMSU Creative Media Institute.

## REFEREED PUBLICATIONS

**Summary:** A total of 47 published and accepted refereed publications.

Ottenbreit-Leftwich, A., **Glazewski, K.**, Jeon, M., Jantaraweragul, K., Hmelo-Silver, C. E., Scribner, A., Lee, S., Mott, B., & Lester, J. (accepted). *International Journal of Artificial Intelligence in Education*.

Ding, A. C., **Glazewski, K.**, & Pawan, F. (2022). Language teachers and multimodal instructional reflections during video-based online learning tasks. *Technology, Pedagogy, & Education, 31*, 293-312.

Saleh, A., Phillips, T. M., Hmelo-Silver, C. E., **Glazewski, K. D.**, Mott, B. W., & Lester, J. C. (2022). A learning analytics approach towards understanding collaborative inquiry in a problem-based learning environment. *British Journal of Educational Technology, 53*(5), 1321-1342.

Brush, T., **Glazewski, K.**, Shin, S., & Shin, S. (2021). Implementation of a technology-supported socioscientific inquiry unit in high school biology: Impact on student achievement and attitudes. *Journal of Computers in Mathematics and Science Teaching, 40*(4), 303-330.

Ding, A. C., Qu, P., **Glazewski, K.**, Bae, H., Eruglec, F., Nadir, H., & Brush, T. (2021). The Dilemmas of teaching dilemmas in a foreign language classroom. *International Journal of Designs for Learning, 12*(3), 86-101.

Winters, S., Farnsworth, K., Barry, D., Ellard, S., **Glazewski, K.**, & Brush, T. (2021). Supporting middle school students in a problem-based makerspace: investigating distributed scaffolding. *Interactive Learning Environments, 40*(1), 1-6.

Liao, J., 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, 21*, 1033-84.

Bae, H., **Glazewski, K.**, Brush, T., & Kwon, K. (2021). Fostering transfer of responsibility in the middle school PBL classroom: An investigation of soft scaffolding. *Instructional Science, 49*, 337-363.

Saleh, A., Chen, Y., Hmelo-Silver, C., **Glazewski, K.**, Mott, B., Rowe, J. P., & Lester, J.C. (2020). Synergistic scaffolds for collaborative inquiry in a digitally-mediated science learning environment. *Journal of Research in Science Teaching, 57*, 1490-1518.

**Glazewski, K. D.**, & Ertmer, P. A. (2020). Fostering complex problem solving for diverse learners: Engaging an ethos of intentionality toward equitable access. *Educational Technology Research and Development, 68*, 679-702.

Shuster, M., **Glazewski, K.**, & Villa, C. (2020). Design, development, and evaluation of a teacher workshop enhanced with DNA instructional cases to impact content knowledge and confidence. *The Interdisciplinary Journal of Problem-Based Learning, 14*, 1-22.

Jung, J., Ding, A.-C. E., Lu, Y.-H., Ottenbreit-Leftwich, A., & **Glazewski, K.** (2020). Is digital inequality a part of preservice teachers' reasoning about technology integration decisions? *American Behavioral Scientist, 64*(7), 994-1011.

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Shin, S., Brush, T. A., & **Glazewski**, K. D. (2020). Examining the hard, peer, and teacher scaffolding framework in inquiry-based technology-enhanced learning environments: Impact on academic achievement and group performance. *Educational Technology Research and Development*, 68, 2423 – 2447.

Shin, S., Brush, T. A., & **Glazewski**, K. D. (2020). Patterns of peer scaffolding in technology-enhanced inquiry classrooms: Application of social network analysis. *Educational Technology Research and Development*, 68, 2321–2350.

Saleh, A., Hmelo-Silver, C., **Glazewski**, K., Chen, Y., Mott, B., Rowe, J. P., & Lester, J. C. (2019). Collaborative inquiry play: A design case to frame integration of collaborative problem solving with story-centric games. *Information & Learning Sciences*, 120(7/8), 547-566.

Ding, A. C. E., Ottenbreit-Leftwich, A., Lu, Y. H., & **Glazewski**, K. (2019). EFL teachers' pedagogical beliefs and practices with regard to using technology. *Journal of Digital Learning in Teacher Education*, 35(1), 20-39.

**Glazewski**, K. D., & Hmelo-Silver, C. E. (2019). Scaffolding and supporting use of information for ambitious learning practices. *Information and Learning Sciences*, 120(1/2), 39-58.

Ottenbreit-Leftwich, A.T., **Glazewski**, K., Brush, T., Aslan, S., & Zachmeier, A. (2018). Exemplary technology-using in-service teachers' expertise and modeling through electronic channels to address pre-service teachers' concerns about technology integration. *Australasian Journal of Educational Technology*, 34(4), 1-15.

**Glazewski**, K. D., Villa, E. Q., Burbano, L., Costa-Guerra, B., Pacheco, R. (2018). Leadership implications for creative partnerships: Expressions of emerging agency, identity, and participation among Latinx children in an afterschool film program. *National Forum of Educational Administration and Supervision Journal*, 34(4), 49-65.

Kwon, K., Shin, S., Brush, T., **Glazewski**, K., Edelberg, T., Park, S., Khlaif, Z., Nadiruzzaman, H., & Alangari, H. (2018). Inquiry learning behaviors captured through screencasts in problem-based learning. *Interactive Learning Environments*, 26(6) 839-855.

Wallace, S. Banks, T., Sedas, M., **Glazewski**, K., Brush, T. A., & McKay, C. (2017). What will keep the fish alive? Exploring the intersections of designing, making, and inquiry among middle school learners. *International Journal of Designs for Learning*, 8(1), 11-21.

Shin, S., Brush, T., & **Glazewski**, K. (2017). Designing and implementing web-based scaffolding tools for technology-enhanced socioscientific inquiry. *Educational Technology and Society*, 20(1), 1-12.

Song, D., Oh, E. Y., & **Glazewski**, K. (2017). Student-generated questioning activity in second language courses using a customized personal response system: a case study. *Educational Technology Research and Development*, 65(6), 1425–1449.

Lu, Y. H., Ottenbreit-Leftwich, A. T., Ding, A. C., & **Glazewski**, K. (2017). Experienced iPad-using early childhood teachers: Practices in the one-to-one iPad classroom. *Computers in the Schools*, 34(1-2), 9-23.

Liao, Y-C., Ottenbreit-Leftwich, A., Karlin, M., **Glazewski**, K., & Brush, T. (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.

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Brush, T., Shin, S., Shin, S., Jung, J., Gensic, J., & **Glazewski**, K. (2016). Design and implementation of a technology-supported socioscientific inquiry unit in high school biology. *International Journal of Designs for Learning*, 7(2), 1-10. (NOTE: I served as guest co-editor of this special issue. The paper was handled by the other guest co-editor, and I was embargoed from the peer review and decision process.)

Shuster, M. Claussen, K., Locke, M., & **Glazewski**, K. (2016). Bioinformatics in the K-8 classroom: Designing innovative activities for teacher implementation. *International Journal of Designs for Learning*, 7(1), 60-70. (NOTE: I served as guest co-editor of this special issue. The paper was handled by the other guest co-editor, and I was embargoed from the peer review and decision process.)

Ertmer, P. A., & **Glazewski**, K. D. (2014). Developing a research agenda: Contributing new knowledge via intent and focus. *Journal of Computing in Higher Education*, 26(1), 1-15.

**Glazewski**, K. D., Shuster, M., Brush, T. A., & Ellis, A. (2014). *Conexiones*: Fostering socioscientific inquiry in graduate teacher preparation. *Interdisciplinary Journal of Problem-Based Learning*, 8(1). (NOTE: I currently serve as Editor of this journal; this paper was submitted prior to my role as editor and was handled by a guest editor)

Belland, B. R., **Glazewski**, K. D., & Richardson, J. (2011). Problem-based learning and argumentation: testing a scaffolding framework to support middle school students' creation of evidence-based arguments. *Instructional Science*, 39(5), 667-694.

Ottenbreit-Leftwich, A.T., **Glazewski**, K., & Newby, T. (2010). Preservice technology integration course revision: A conceptual guide. *Journal of Technology and Teacher Education*, 18(1), 5-33.

Ottenbreit-Leftwich, A. T., **Glazewski**, K., Newby, T., & Ertmer, P. (2010). Teacher value beliefs associated with using technology: Addressing professional and student needs. *Computers & Education*, 55(3), 1321-1335.

**Glazewski**, K. D., & Ertmer, P. A. (2010). Fostering socioscientific reasoning in problem-based learning: Examining teacher practice. *The International Journal of Learning*, 16(12), 269-282.

Belland, B. R., **Glazewski**, K. D., & Ertmer, P. A. (2009). Inclusion and problem-based learning: Roles of students in mixed-ability groups. *Research on Middle Level Education*, 32(9), 1-19.

Ertmer, P., **Glazewski**, K. D., Jones, D., Ottenbreit-Leftwich, A., Goktas, Y., Collins, K., & Kocaman, A. (2009). Facilitating technology-enhanced problem-based learning (PBL) in the K-12 classroom: An examination of how and why teachers adapt. *Journal of Interactive Learning Research*, 20(1), 35-54.

Brush, T., **Glazewski**, K. D., & Hew, K. F. (2008). Development of an instrument to measure pre-service teachers' technology skills, technology beliefs, and technology barriers. *Computers in the Schools*, 25(1-2), 112-125.

Belland, B., **Glazewski**, K. D., & Richardson, J. (2008). A scaffolding framework to support the construction of evidence-based arguments among middle school students. *Educational Technology Research and Development*, 56(4), 401-422. (NOTE: the first author received the 2007 Educational Technology Research & Development Young Scholar Award for this paper).

**Simons\***, K. D., & Klein, J. (2007). The impact of scaffolding and student achievement levels in a hypermedia, problem-based learning unit. *Instructional Science*, 35(1), 41-72.

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Belland, B., Ertmer, P. A., & **Simons\***, K. D. (2006). Problem-based learning and perceptions of its value by students with special needs and their teachers. *The Interdisciplinary Journal of Problem-Based Learning*, 1(2), 1-18.

Ertmer, P. A., & **Simons\***, K. D. (2006). Jumping the implementation hurdle: Supporting PBL in K-12 classrooms. *The Interdisciplinary Journal of Problem-Based Learning*. 1(1), 40-54.

**Simons\***, K. D., & Ertmer, P. A. (2005/2006). Scaffolding disciplined inquiry in problem-based environments. *The International Journal of Learning*. 12(6), 298-305.

Ertmer, P. A., & **Simons\***, K. D. (2005/2006). Scaffolding teachers' efforts to implement problem-based learning. *The International Journal of Learning*. 12(4), 319-327.

**Simons\***, K. D., & Clark, D. (2004). Supporting inquiry in science classrooms with the web. *Computers in the Schools*, 21(3/4), 23-36. [NOTE: Concurrently published as a book chapter in *E-learning and K-12 Education*, published by Haworth Press].

**Simons\***, K. D., Klein, J., & Brush, T. (2004). Instructional strategies utilized during the implementation of a hypermedia, problem-based learning unit: A case study. *Journal of Interactive Learning Research*, 15(3), 213-233.

Brinkerhoff, J., & **Glazewski**, K. (2004). Support of expert and novice teachers within a technology enhanced problem-based learning unit: A case study. *International Journal of Learning Technology*, 1(2), 219-230.

Brush, T., **Glazewski**, K., Rutowski, K., Berg, K., Stromfors, C., Hernandez Van-Nest, M., Stock, L., & Sutton, J. (2003). Integrating technology in a field-based teacher training program: The PT3@ASU project. *Educational Technology Research and Development*, 51(1), 57-72.

Brush, T., Igoe, A., Brinkerhoff, J., **Glazewski**, K., Ku, H-Y., & Smith, T. C. (2001). Lessons from the field: Integrating technology into pre-service teacher education. *Journal of Computing in Teacher Education*, 17(4), 16-20.

## BOOKS

**Summary:** One book across two editions.

Ertmer, P. A., Quinn, J., & **Glazewski**, K. (Eds.) (2019). *The ID Casebook: Case Studies in Instructional Design* (5<sup>th</sup> Edition). New York: Routledge.

Ertmer, P. A., Quinn, J., & **Glazewski**, K. (Eds.) (2014). *The ID Casebook: Case Studies in Instructional Design* (4<sup>th</sup> Edition). New York: Routledge. (NOTE: formerly published under Pearson Publishing imprint).

## BOOK CHAPTERS

**Summary:** A total of 18 book chapters.

Uttamchandani, S., Bae, H., Feng, C., **Glazewski**, K., Hmelo-Silver, C., Brush, T., Mott, B., & Lester, J. (2022). Teacher orchestration systems supported by AI: Theoretical possibilities and practical

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considerations. In Ouyang, P. Jiao, B. McLaren, & A. Alavi (Eds.), *Artificial Intelligence in STEM Education: The Paradigmatic Shifts in Research, Education, and Technology*. CRC Press - Routledge.

Saleh, A., Hmelo-Silver, C. E., & **Glazewski**, K. D. (2021). Collaborative interactions in inquiry learning. In R. Golan Duncan, & C. A. Chinn (Eds.) *International Handbook of Inquiry and Learning* (pp. 239-255). Routledge.

**Glazewski**, K. (2019). Toward understanding the practice and potential of educational technologies on our campuses: Should we be skeptics first? In O. O. Adesope, & A. G. Rud (Eds.) *Contemporary Technologies in Education* (pp. 31-49). Palgrave Macmillan: Cham, Switzerland.

**Glazewski**, K. D., & Hicks, S. M. (2019). Natalie Morales: Managing training in a manufacturing setting. In P. A. Ertmer, J. Quinn, & K. D. Glazewski (Eds.), *The ID Casebook: Case Studies in Instructional Design (5<sup>th</sup> Edition)* (pp. 249-255). Upper Saddle River, NJ: Prentice Hall. (NOTE: this chapter updated from fourth edition version in 2014).

Ertmer, P. A., & **Glazewski**, K. (2019). Scaffolding in PBL environments: Structuring and problematizing relevant task features. In N. Dabbah, W. Hung, & M. Moallem (Eds.). *The Wiley Handbook of Problem-Based Learning* (pp. 321-342). Hoboken, NJ: Wiley Publishing.

Gomoll, A., **Glazewski**, K., Hmelo-Silver, C.E., Brush, T., & Jung, J. (2018). Defined and enacted threshold concepts in engineering education: Applied competencies within multi-level systems. In M. Savin-Baden & G. Tombs (Eds.), *Threshold Concepts in Problem-Based Learning* (pp. 67-80). Brill Sense: Leiden, The Netherlands.

Ertmer, P. A., & **Glazewski**, K. (2018). Problem-based learning: Essential design characteristics. In R. A. Reiser & J. V. Dempsey (Eds.). *Trends and Issues in Instructional Design and Technology* (4th ed.) (pp. 286-295). Boston, MA: Pearson Education.

**Glazewski**, K. (2017). Problem-based learning. In K. Peppler (Ed.), *The SAGE Encyclopedia of Out-of-School Learning* (pp. 617-619). Thousand Oaks, CA: Sage Publishing.

**Glazewski**, K. D., Shuster, M., Brush, T. A., & Ellis, A. (2017). *Conexiones*: Fostering socioscientific inquiry in graduate teacher preparation. In T. Brush & J. W. Saye (Eds.), *Successfully Implementing Problem-Based Learning in Classrooms* (pp. 43-77). West Lafayette, IN: Purdue Press. (NOTE: reprint from a journal article of the same title).

Grant, M. M., & **Glazewski**, K. D. (2017). What is missing; What is needed? Future research directions with PBL in K-12 and teacher education. In T. Brush & J. W. Saye (Eds.), *Successfully Implementing Problem-Based Learning in Classrooms* (pp. 275-292). West Lafayette, IN: Purdue Press.

McKay, C., & **Glazewski**, K. (2017). Designing maker-based instruction. In C. Reigeluth, R. Myers, & B. J. Beatty (Eds.). *Instructional Design Theories and Models* (4th ed.) (pp. 145-172). New York: Routledge.

**Glazewski**, K. D. (2016). The Transformative Influence of Negative and Positive Experiences. In J. A. Donaldson (Ed.). *Women's Voices in the Field of Educational Technology* (pp. 147-154). Switzerland: Springer International Publishing.

Ertmer, P. A., & **Glazewski**, K. (2015). Essentials for PBL implementation: Fostering collaboration, transforming roles, and scaffolding learning. In A. Walker, H. Leary, C. E. Hmelo-Silver, & P. Ertmer

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(Eds). *Essential Readings in Problem-based Learning*. West Lafayette, IN: Purdue Press. (NOTE: this chapter updated and reprinted from an earlier version of the following peer reviewed paper:

Ertmer, P. A., & **Simons\***, K. D. (2006). *Jumping the implementation hurdle: Supporting PBL in K-12 classrooms*. *The Interdisciplinary Journal of Problem-Based Learning*, 1(1), 40-54.)

Brush, T. A., **Glazewski**, K., Ottenbreit-Leftwich, A., & Baker, J. (2014). Using technology to support the unique needs of gifted learners: Promise and challenges. In C. Callahan & J. Plucker (Eds.), *Critical Issues and Practices in Gifted Education* (pp. 707-722). Waco, TX: Prufrock Press.

**Glazewski**, K. D., & Hicks, S. M. (2014). Natalie Morales: Managing training in a manufacturing setting. In P. A. Ertmer, J. Quinn, & K. D. Glazewski (Eds.), *The ID Casebook: Case Studies in Instructional Design (4<sup>th</sup> Edition)* (pp. 247-253). Upper Saddle River, NJ: Prentice Hall. (NOTE: this chapter also appears in the 2019 fifth edition in an updated format).

Brush, T., **Glazewski**, K., Ottenbreit-Leftwich, A., Saye, J., Zhang, Z., & Shin, S. (2013). The PBL-TECH project: Web-based tools and resources to support problem-based learning in pre-service teacher education. In L. Liu, D. C. Gibson, & C. D. Maddux (Eds.), *Research Highlights in Technology and Teacher Education* (pp. 91-100). Waynesville, NC: AACE.

**Glazewski**, K., & Brush, T. (2005). A review of seven integrated, field-based models for technology preparation. In C. Vrasidas & G. Glass (Eds.), *Preparing Teachers to Teach with Technology*, (pp. 191-204). Greenwich, CT: Information Age Publishing. (NOTE: The book volume was awarded with the **2007 Outstanding Book Award** from the Association of Educational Communications and Technology).

**Simons\***, K. D., & Clark, D. (2004). Supporting inquiry in science classrooms with the web. In J. Blanchard & J. Marshall (Eds.), *E-learning and K-12 Education* (pp. 23-36). Binghamton, NY: Haworth Press. (Note: Concurrently published as a journal article in *Computers in the Schools*).

## MANUSCRIPTS UNDER REVIEW

Nadir, H., **Glazewski**, K., Brush, T., & Kwon, K. (under review). When middle school children engage in making: Understanding the roles of scaffolding for troubleshooting to support their inquiry learning.

Jung, J., & **Glazewski**, K. (under review). Design features of cases for disciplinary teaching.

## EDITORIAL, SERVICE, AND OTHER INVITED PUBLICATIONS

**Glazewski**, K. D. (2018). Editor's Introduction. *Interdisciplinary Journal of Problem-Based Learning*, 12(2). 20

**Glazewski**, K. D. (2018). Editor's Introduction. *Interdisciplinary Journal of Problem-Based Learning*, 12(1).

**Glazewski**, K. D. (2017). Editor's Introduction. *Interdisciplinary Journal of Problem-Based Learning*, 11(2).

**Glazewski**, K. (2016). Editor's Introduction. *Interdisciplinary Journal of Problem-Based Learning*, 10(2).

Dias, L., & **Glazewski**, K. (2016). *When We Partner with Teachers: Educators as (Co-)Designers*, *International Journal of Designs for Learning*, 7(1). Guest Editorial.

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\*NOTE: Former name is K. Simons

**Glazewski, K., & Dias, L.** (2016). *When We Partner with Teachers: A commentary on partnerships, scaffolding, and (accidental) emphasis on STEM*. *International Journal of Designs for Learning*, 7(2). Guest Editorial.

**Glazewski, K.** (2014). Editor's introduction. *The Interdisciplinary Journal of Problem-Based Learning*, 8(2), 1-3.

**Glazewski, K.** (2013). Editor's introduction. *The Interdisciplinary Journal of Problem-Based Learning*, 7(2), 1-3.

Throop, H. L., Mabry, K. E., McCauley, S. J., & **Glazewski, K. D.** (2013). A response to Lockwood, Reiners, and Reiners. *Frontiers in Ecology and the Environment*, 11, 525–526.

**Glazewski, K., & Blanchard, J.** (2000). Book review of *English in the Digital Age: Information and Communications Technology and the Teaching of English*. *Journal of Adolescent and Adult Literacy*, 44, 388-390.

## INVITED PANELS AND PRESENTATIONS

Hmelo-Silver, C. E. & **Glazewski, K. D.** (2021, December). Artificial Intelligence for Scaffolding Collaborative Engagement in Ambitious Learning Practices. ELOE2021 Conference: E-learning international conference and open education forum. Invited keynote, presented online.

**Glazewski, K. D.** (2021, November). Keynote Speaker. *Frames of Scaffolding to Support Equitable, Expansive Disciplinary Pathways and Accountability in Collaborative Inquiry*. NSF Human-Technology Interface Series Pathways to Products for Lifelong Learning Workshop.

**Glazewski, K. D.** (2021, October). Keynote Speaker. *Leveraging Frontier Technologies and Expanding Pathways: Supporting Equitable Opportunities for Ambitious Learning Practices*. Invited for the Society for Information Technology & Teacher Education International Conference Volume 2021, Number 1.

**Glazewski, K. D.** (2017, April). Invited Speaker. *Partnering for Ambitious Practices in the Digital Age*. Invited for the American Educational Research Association, Technology as an Agent of Change in Teaching and Learning SIG Business Meeting, San Antonio, TX.

**Glazewski, K. D.** (2015, March). Invited Speaker. *What Makes Innovation Innovative?* Society for Information Technology & Teacher Education Annual Meeting. Las Vegas.

Brush, T., **Glazewski, K.**, Ottenbreit-Leftwich, A., Callison, M., Shin, S. (2015, November). *Cultivating University-School Partnerships to Support Research and Practice: The Jacobs Educator Program*. Invited panel discussion at the Association for Educational Communication and Technology Conference, Indianapolis, IN.

**Glazewski, K. D.** (2014). Invited Speaker. *Flipped Classroom Approaches in Support of Disciplined Inquiry and Complex Problem-Solving*. Washington State University TECH-Ed Conference.

**Glazewski, K. D., & Ozogul, G.** (2014). Invited Keynote. *Engaging Students in Dilemma Problem-Solving across Disciplines*. University of Texas at El Paso Fall Faculty Convocation.

**Glazewski, K. D., McKay, C., & Naughton, N.** (2013, April). *Measurement of Relative Abundance: Exploring Intersections of Visual Art Practice, Representation, and Action Research to Engage Community*

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*Participation*. Invited for the American Educational Research Association, Arts and Inquiry in the Visual and Performing Arts in Education SIG Business Meeting, San Francisco, CA.

**Glazewski**, K. D. (2010, May). *Preparing for Tenure and Promotion*. Invited for the American Educational Research Association, SIG-Instructional Technology, Denver, CO.

**Glazewski**, K. D. (2009, October). *Advice for the Job Hunt*. Invited for the Association for Educational Communications and Technology, Graduate Student Assembly, Louisville, KY.

**Glazewski**, K. D., Rutledge, D., Benson, J., Seton, J., & Kim, J. (2008, November). *Emergency Management Interactive Training (EMIT): Design for Authentic Engagement in Virtual Interactive Case-Study Environments*. Invited for the Association for Educational Communications and Technology Design and Development Showcase Competition, Orlando, FL.

**Glazewski**, K. D. (2009, April). *Open-ended Learning Environments: Discussions with Leaders in the Field*. Invited discussion for the American Educational Research Association, SIG – Instructional Technology annual meeting, San Diego, CA.

**Glazewski**, K. D. (2008, February). *Scaffolding Disciplined Inquiry in Technology-Enhanced, Problem-Based Learning*. Invited colloquium at Utah State University, Emma Eccles Jones College of Education and Human Services.

**Glazewski**, K. D., & Ertmer, P. A. (2007, July). *Scaffolding Students' Construction of Meaning from Stories: Understanding and Using Narratives to Support Students' Inquiry*. Invited presentation for the 2007 Ackerman Colloquium on Technology and Citizenship Education, Purdue University, IN.

**Simons\***, K. D. (2004). *Scaffolding Middle School Teachers and Students within Scientific Problem-Based Learning Environments*. Invited seminar presentation for advanced doctoral students, Indiana University, Instructional Systems Technology.

## REFEREED PRESENTATIONS

Feng, C., Saleh, A., Bae, H., **Glazewski**, K., Hmelo-Silver, C., Brush, T., Mott, B., & Lester, J. (2021, November). *Exploring strategies to redirect disruptive talk in middle-school collaborative inquiry discourse*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Buggs, C., Uttamchandani, S., **Glazewski**, K., Hmelo-Silver, C., Brush, T., Mott, B., & Lester, J. (2021, November). *Teacher goals and supported orchestration through intelligent-augmented dashboard support*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Bae, H., Saleh, A., Feng, C., **Glazewski**, K., Hmelo-Silver, C., Brush, T., Mott, B., & Lester, J. (2021, November). *"just vote yes.\*sigh\*": Facilitating scientific discussion in a collaborative problem and game-based learning environment*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Brush, T. **Glazewski**, K., Kwon, K., & Ottenbreit-Leftwich, A. (2021, August). *Supporting PBL practice in K-12 education: The WisePractice Video Case Database*. Paper presented at the 2021 Pan-PBL conference, Aalborg, Denmark (conference moved to virtual format).

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**Glazewski, K.,** Brush, T., Banks, T., Wallace, S., Hmelo-Silver, C., Mott, B., & Lester, J. (2021, August). *From physical to the virtual and everything in-between: Local implementations and adaptations of PBL in a multi-year middle school/university partnership*. Paper presented at the 2021 Pan-PBL conference, Aalborg, Denmark (conference moved to virtual format).

Saleh, A., Feng, C., Bae, H., Hmelo-Silver, C. E., **Glazewski, K. D.,** Lee, S., Mott, B., Lester, J. (2021, June). *Negotiating accountability and epistemic stances in middle-school collaborative discourse*. In *Proceedings of the 14th International Conference on Computer-Supported Collaborative Learning-CSCL 2021*, International Society of the Learning Sciences.

**Glazewski, K. D.,** Ertmer, P. E., & Hmelo-Silver, C. E. (2021, April). *contexts and approaches that foster complex problem-solving for a wide range of diverse learners: Origins and conceptual foundations*. Paper presented at the annual meeting of the American Educational Research Association (conference moved to virtual format).

Phillips, T., Saleh, A., Lee, S., Mott, B., **Glazewski, K. D.,** Hmelo-Silver, C. E., & Lester, J. (2021, April). *Understanding user profiles and group dynamics in an online collaborative learning environment using trace data*. Paper presented at the annual meeting of the American Educational Research Association (conference moved to virtual format).

Chen, Y., Saleh, A., Bae, H., Hmelo-Silver, C. E., **Glazewski, K. D.,** Mott, B., & Lester, J. (2021, April). *Building group accountability in a collaborative learning environment*. Paper presented at the annual meeting of the American Educational Research Association (conference moved to virtual format).

Bae, H., Chen, Y., Saleh, A., **Glazewski, K.,** Hmelo-Silver, C., Brush, T., Lee, S., Mott, B., & Lester, J. (2021, April). *"How big is a tilapia?" Negotiating collaborative inquiry in a game-based learning environment*. Poster presented at the annual meeting of the American Educational Research Association (conference moved to virtual format).

Park, K., Sohn, H., Mott, B., Min, W., Saleh, A., **Glazewski, K.,** Hmelo-Silver, C., Lester, J. (2021, April). *Detecting disruptive talk in student chat-based discussion within collaborative game-based learning environments*. In *Proceedings of LAK21: 11th International Learning Analytics and Knowledge Conference*, 405-415.

Ottenbreit-Leftwich, A., **Glazewski, K.,** Jeon, M., Hmelo-Silver, C., Mott, B., Lee, S., Lester, J. (2021, March) *How do elementary students conceptualize artificial intelligence?* In *Proceedings of the 52nd ACM Technical Symposium on Computer Science Education*, 1261-1261.

Lee, S., Mott, B., Ottenbreit-Leftwich, A., Scribner, A., Taylor, S., Park, K., Rowe, J., **Glazewski, K.,** Hmelo-Silver, C. E., Lester, J. (2021, February) *AI-infused collaborative inquiry in upper elementary school: A game-based learning approach*. In *Proceedings of the AAAI Conference on Artificial Intelligence (Vol. 35, No. 17, pp. 15591-15599)*.

Rodgers, K., Feng, C., Bhimdiwala, A., Gok, S., **Glazewski, K.,** Hmelo-Silver, C., Brush, T., Lee, S., Mott, B., & Lester, J. (2020, November). *Supporting teacher orchestration of collaborative inquiry in game-based learning with intelligent assistants*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL. Conference moved online.

Bae, H., Saleh, A., Feng, C., **Glazewski, K.,** Hmelo-Silver, C. E., Chen, Y., Scribner, A., Brush, T., Mott, B., Lee, S., Lester, J. C. (2020, June). *Designing intelligent cognitive assistants to support orchestration in CSCL*. In *Proceedings of the Fourteenth International Conference of the Learning Sciences*. Conference moved online.

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- Chen, Y., Saleh, A., Hmelo-Silver, C. E., **Glazewski**, K., Mott, B., & Lester, J. C. (2020, June). Supporting collaboration: From learning analytics to teacher dashboards. In *Proceedings of the Fourteenth International Conference of the Learning Sciences*.
- Lee, S., Mott, B., Ottenbriet-Leftwich, A., Scribner, A., Taylor, S., **Glazewski**, K., Hmelo-Silver, C. E., & Lester, J. (2020). Designing a collaborative game-based learning environment for AI-infused inquiry learning in elementary school classrooms. In *Proceedings of the 2020 ACM Conference on Innovation and Technology in Computer Science Education*, 566-566.
- Carpenter, D., Emerson, A., Mott, B. W., Saleh, A., **Glazewski**, K. D., Hmelo-Silver, C. E., Lester, J. C. (2020). Detecting off-task behavior from student dialogue in game-based collaborative learning. In *Proceedings of the Twenty-First International Conference on Artificial Intelligence in Education*, 55-66, Springer, Cham.
- Saleh, A., Bae, H., Hmelo-Silver, C. E., **Glazewski**, K., Chen, Y., Mott, B., & Lester, J. C. (2020, June). Using activity theory to understand the synergy between human and computer support in collaborative inquiry learning. In *Proceedings of the Fourteenth International Conference of the Learning Sciences*.
- Mott, B. W., Taylor, R. G., Lee, S. Y., Rowe, J. P., Saleh, A., **Glazewski**, K. D., Hmelo-Silver, C., & Lester, J. C. (2019, October). *Designing and developing interactive narratives for collaborative problem-based learning*. In Proceedings of the International Conference on Interactive Digital Storytelling, Salt Lake City, Utah.
- Bae, H., **Glazewski**, K., Hmelo-Silver, C., Lester, J., Mott, B., & Rowe, J. (2019, June). *Intelligent cognitive assistants to support orchestration in CSCL*. In Proceedings of the International Conference of Computer Supported Collaborative Learning, Lyon, France.
- Saleh, A., Chen, Y., Hmelo-Silver, C., **Glazewski**, K., Mott, B., Taylor, R., Rowe, J. P., & Lester, J. C. (2019, June). *Supporting collaborative problem solving in a game-based learning environment*. In Proceedings of the International Conference of Computer Supported Collaborative Learning, Lyon, France.
- Saleh, A., Chen, Y., Rehmat, A., Housh, K., Hmelo-Silver, C. **Glazewski**, K., & Lester, J. C. (2019, June). *Assessing collaborative problem solving in the context of a game-based learning environment*. In Proceedings of the International Conference of Computer Supported Collaborative Learning, Lyon, France.
- Nadir, H., **Glazewski**, K., Brush, T., & Kwon, K. (2019, April). *When middle school kids make: Understanding the roles of scaffolding for troubleshooting to support inquiry*. Paper presented at the annual meeting of the American Educational Research Association, Toronto, Canada.
- Ding, A-C., Glazewski, K., & Pawan, F. (2019, April). *Investigating language teachers' multimodal reflection via video case approaches*. Paper presented at the annual meeting of the American Educational Research Association, Toronto, Canada.
- Chen, Y., Saleh, A., Hmelo-Silver, C. E., **Glazewski**, K., & Lester, J. (2019, January). *Preparing successful facilitation: Designing a teacher dashboard to support PBL classroom orchestration in a game-based learning environment*. In Proceedings of the 9th International Conference on Learning Analytics and Knowledge (pp. 218-221). ACM.
- Larson, J., Farnsworth, K., Folkestad, L., Khodadadi Tirkolaei, H., **Glazewski**, K. D., & Savenye, W., (2018, December). *Using problem-based learning to enable application of foundation engineering knowledge in a real-world problem*, In Proceedings of the IEEE International Conference on Teaching,

Assessment, and Learning in Engineering, Institute of Electrical and Electronics Engineers, Wollongong, Australia. (**NOTE: recognized with a 2018 Outstanding Paper Award**).

Bae, H., **Glazewski**, K., Brush, T., & Kwon, K. (2018, October). *Investigating scaffolding as social interaction: Looking closely at fading through conversation analysis*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Jung, J., **Glazewski**, K., & Ottenbreit-Leftwich, A. (2018, October). *Developing a scale for preservice teacher considerations in technological pedagogical reasoning*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Farnsworth, K., Winters, S., Ellard, S. Berry, D., **Glazewski**, K., & Brush, T. (2018, October). *Scaffolding middle school students in a PBL makerspace unit: Scaffolding means versus scaffolding intentions*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Nadir, H., **Glazewski**, K., Brush, T., & Kwon, K. (2018, October). *Understanding a middle-school teacher's scaffolding and troubleshooting practices to support student inquiry during making*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Saleh, A., Shanahan, K., Georgen, C., Hmelo-Silver, C., **Glazewski**, K., & Lester, J. (2018, April). *Scaffolding middle schoolers' construction of scientific models*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Bae, H., **Glazewski**, K., Brush, T., & Kwon, K. (2018, April). *Fostering transfer of responsibility in the middle school problem-based learning classroom. An investigation of dialogic scaffolds*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Brush, T., **Glazewski**, K., Wallace, S., & Banks, T. (2017, November). *Making history come alive! Integrating history, ecology, and makerspaces*. Presentation at the annual meeting of the National Council for Social Studies, San Francisco, CA.

Brush, T., **Glazewski**, K., Shin, S., & Shin, S. (2017, November). *Implementation of a socioscientific inquiry unit in high school biology: Results of a multi-year design project*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.

Jung, J., & **Glazewski**, K. (2017, November). *Unpacking the complexity within case-based instruction*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.

Karlin, M., Bae, H., Aslaif, M., Basdogan, M., Edelberg, T., Nadiruzzaman, H., Sari, A., Zhu, M., Brush, T., & **Glazewski**, K. (2017, May). *Examining reflective thinking in middle school design problem-solving in a maker environment*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

**Glazewski**, K., Gomoll, A., Hmelo-Silver, C., Brush, T., & Jung, J. (2017, April). "We are a nonlinear dynamic system": *Problem-based design in engineering at a Hispanic-serving institution*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

Shin, S., Brush, T., & **Glazewski**, K. (2017, April). *Peer scaffolding patterns in inquiry-based collaborative learning tasks supported by mobile devices*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

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Ding, A., Leftwich, A., Lu, Y.-H., Xu, S., **Glazewski**, K. D. (2017, April). *EFL teachers' pedagogical beliefs and practices with regards to using technology*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

Banks, T., Wallace, S., **Glazewski**, K., Sedas, M., & McKay, C. (2016, October). *What a middle school learned about environmental sustainability, sustainable food systems, Arduino, and aquaponic farming*. Paper presented at FabLearn 2016: Stanford, Palo Alto, CA.

Lu, Y.-H., Leftwich, A. T., **Glazewski**, K. D. (2016, October) *A beginning elementary teacher's technology integration practice in a technology-rich school*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Las Vegas, NV.

Lu, Y.-H., Leftwich, A. T., Ding, A.-C., **Glazewski**, K. D., (2016, October). *Early childhood teachers' developmentally appropriate practices in the 1:1 ipad classroom*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Las Vegas, NV

Ding, A.-C., Lu, Y.-H., Xu, S., Leftwich, A. T., **Glazewski**, K. D., (2016, October). *EFL teachers' beliefs and practices with regards to technology*, Paper presented at the annual meeting of the Association for Educational Communication and Technology, Las Vegas, NV.

Shin, S., Brush, T., & **Glazewski**, K. (2016, October). *Identifying peer scaffolding types and interaction patterns in inquiry-based learning*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Las Vegas, NV.

Brush, T., **Glazewski**, K., & Saye., J. (2016, June). *The PBL-Tech project: Web 2.0 tools and resources to support PBL in teacher education*. Paper presented at the 2016 PBL Congress, Zurich, Switzerland.

**Glazewski**, K., Brush, T., Shin, S., & Shin, S. (2016, June). *Implementing socioscientific inquiry in high school biology: Teacher and student perspectives*. Paper presented at the 2016 PBL Congress, Zurich, Switzerland.

Ertmer, P., **Glazewski**, K. D., Grant, M., *One decade of scholarship in the Interdisciplinary Journal of Problem-Based Learning: The editors' analysis*, Paper presented at the 2016 PBL Congress, Zurich, Switzerland.

Gomoll, A., **Glazewski**, K., Brush, T., Hmelo-Silver, C., & Jung, J. (2016, June). *What do instructors want other instructors to know? Making experiences usable through PBL Virtual Case Laboratory (VCL)*. Paper presented at the 2016 PBL Congress, Zurich, Switzerland.

Ergulec, F., Brush, T., **Glazewski**, K., Shin, S., Shin, S., Hogaboam, P., & Guo, M. (2016, April). *Teacher scaffolding strategies for socioscientific inquiry-based learning in a high school biology classroom*. Paper presented at the annual meeting of the American Educational Research Association, Washington, DC.

Ergulec, F., Brush, T., **Glazewski**, K., Shin, S., Shin, S., Hogaboam, P., & Guo, M. (2016, March). *Teacher scaffolding for inquiry-based learning in a technology-enhanced student-centered high school biology classroom: A case study*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, Savannah, GA.

Brush, T., **Glazewski**, K., Shin, S., & Shin, S. (2016, March). *The effects of technology-supported socioscientific inquiry (SSI) on student achievement and attitudes towards science*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, Savannah, GA.

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Brush, T., **Glazewski**, K., Shin, S., Shin, S., Saye, J., & Zhang, Z. (2016, March). *The Mendel Sherman wise practice video case database*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, Savannah, GA.

Shin, S., Shin, S., Brush, T., & **Glazewski**, K. (2015, November). *Identifying the relationship between group communication behavior and student learning style in collaborative learning: A case of inquiry-based learning classrooms*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Indianapolis, IN.

Shin, S., Brush, T., & **Glazewski**, K. (2015, November). *An analysis of scaffolding patterns in a technology-enhanced inquiry-based classroom*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, 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*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Indianapolis, IN.

Lu, Y-H., Ding, A-C., **Glazewski**, K., Ottenbreit-Leftwich, A. (2015, November). *Early childhood teachers' instructional practices and perceptions in 1:1 iPad classrooms*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Indianapolis, IN.

Jung, J., & **Glazewski**, K. (2015, November). *Case-based instructional practices across disciplines: A multiple-case study from law, marketing, and online instructional design classes*. Paper presented at the annual meeting of the Association for Educational Communication and Technology, Indianapolis, IN.

Alangari, H., Brown, O., Edelberg, T., Hogaboam, P. Jia, X., Jung, J., Liao, Y-C., Ozdemir, O., **Glazewski**, K., & Ottenbreit-Leftwich, A. (2015, April). *Sources of preservice teachers' instructional decision making*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Song, D., & **Glazewski**, K. (2015, April). *Student-generated questioning in language education*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Shin, S., Brush, T., Jung, J., **Glazewski**, K., Shin, S., Ergulec, F., Hogaboam, P., & Gensic, J. (2015, April). *Towards designing and implementing socioscientific inquiry: Scaffolding students' inquiry-based learning*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.

Lu, Y-H., Ding, A-C., **Glazewski**, K., Ottenbreit-Leftwich, A. (2015, April). *Early childhood 1:1 technology initiative: An investigation of teacher practices and perception*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.

Uzan, M., Uzan, E., **Glazewski**, K., & Brush, T. (2013, October). *Use of mobile devices to foster inquiry-based learning: A case of exemplary teachers*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA. **NOTE: Paper was one of six papers designated as a 2013 Featured Research paper at the annual meeting.**

Lu, Y-H., Liao, Y-C., Ottenbreit-Leftwich, A., & **Glazewski**, K. (2013, October). *Examining preservice teachers' reasoning process in analyzing technology integration cases*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

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Brush, T., **Glazewski**, K., Ottenbreit-Leftwich, A., Shin, S., Jung, J., Shin, S., Saye, J., Kohlmeier, J., & Howell, J. (2013, October). *The PBL-Tech project: Web 2.0 tools to support problem-based learning in science and social studies*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Ergulec, F., Ergulec, F., & **Glazewski** (2013, October). *Fostering inquiry-based learning (IBL) in online environments: Faculty definitions, explorations, experiences, and approaches*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Jung, J., Shin, S., Lu, Y., **Glazewski**, K., & Brush, T. (2013, October). *A collaborative curriculum design project: Major events, roles, and issues*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Hoey, B., Aslan, S., Zachmeier, A., Sadik, O., **Glazewski**, K., Leftwich, A., & Brush, T. (2013, October). *Technology integration concerns: Expanding the dialogue between pre-service teachers and exemplary technology-using in-service teachers*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Jia, X., Jung, J., Ottenbreit-Leftwich, A. T., **Glazewski**, K. D., Huh, Y., Shin, S., & Min, M. (2013, April). *Breaking barriers for technology integration in K-12 classrooms*. Paper presented at the American Educational Research Association, San Francisco, CA.

Baker, J., & **Glazewski**, K. D. (2013, April). *Perspectives of diverse gifted youth: Navigating the social and organizational structures of public schooling*. Paper presented at the American Educational Research Association, San Francisco, CA.

Brush, T., **Glazewski**, K., Ottenbreit-Leftwich, A., Saye, J., Zhang, Z., & Shin, S. (2013, March). *The PBL-Tech project: Web-based tools and resources to support problem-based learning in preservice teacher education*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, New Orleans, LA.

Jia, X., Jung, J., Huh, Y., Min, M., Shin, S., Ottenbreit-Leftwich, A., **Glazewski**, K., & Brush, T. (2012, October). *Breaking barriers for technology integration in K-12 classrooms: Success stories from exemplary in-service teachers*. Paper presented at the Association for Educational Communications and Technology International Convention, Louisville, KY.

Kopcha, T., Rieber, L., Brush, T., **Glazewski**, K., Inan, F., Ottenbreit-Leftwich, A., & Strycker, J. (2012, October). *Crafting a dossier that effectively represents yourself and your scholarship*. Discussion panel at Association for Educational Communications and Technology International Convention, Louisville, KY.

Brush, T., **Glazewski**, K., Belland, B., Ottenbreit-Leftwich, A., & Leary, H. (2012, October). *Problem-based learning and teacher education*. Discussion panel at Association for Educational Communications and Technology International Convention, Louisville, KY.

Lee, D., Jung, J., Shin, S., Ottenbreit-Leftwich, A., & **Glazewski**, K. (2012 October). *Building a sustainable and fulfilling online community for K-12 teachers*. Paper presented at a roundtable at the Association for Educational Communications and Technology International Convention, Louisville, KY.

Jia, X., Jung, J., Huh, Y., Min, M., Shin, S., Ottenbreit-Leftwich, A., **Glazewski**, K., & Brush, T. (2012, October). *Breaking barriers for technology integration in K-12 classrooms: Success stories from exemplary in-service teachers*. Paper presented at Association for Educational Communications and Technology International Convention, Louisville, KY.

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**Glazewski, K., & Shuster, M.** (2012, April). *Conexiones: Fostering technology-enhanced socioscientific inquiry in graduate teacher preparation*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, B. C.

Villa, E. Q., **Glazewski, K.**, Burbano de Lara, L., Costa-Guerra, B., & Pacheco, R. (2011, April). *Expressions of emerging agency, identity, and participation among Latino schoolchildren in an afterschool film program*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Shuster, M., & **Glazewski, K.** (2011, April). *Introducing bioinformatics into K-8 classrooms: Meeting new challenges in science education through scientist-educator partnerships*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Brush, T., **Glazewski, K.**, Hennessey, M., Martin, J., Saye, J., & Sherwood, R. (2011, April). *Successful grantmanship in instructional technology: A panel discussion*. Invited session at the annual meeting of the American Educational Research Association, New Orleans, LA.

**Glazewski, K. D., Benson, J. B., Rutledge, D., & Simon, D.** (2009, October). *Engagement tools in virtual interactive case-study environments*. Reflection paper and poster presented at the Association for Educational Communications and Technology International Convention, Louisville, KY.

**Glazewski, K. D., Benson, J. B., Rutledge, D., & Zeisset, M.** (2009, April). *Designs for authentic engagement in virtual case study environments*. Poster presented at the American Educational Research Association Annual Meeting, San Diego, CA.

**Glazewski, K. D., Benson, J. B., Rutledge, D., & others** (2008, November). *Emergency Management Interactive Training: Design for authentic engagement in virtual case study environments*. Paper presented at the Association for Educational Communications and Technology International Convention, Orlando, FL.

Ottenbreit-Leftwich, A., **Glazewski, K.**, Ertmer, P., & Newby, T. (2008, November). *Values associated with using technology to address professional and student needs*. Paper presented at the Association for Educational Communications and Technology International Convention, Orlando, FL. **NOTE: First author recognized with the 2008 Young Researcher Award from the Association for Educational Communications and Technology, Research and Theory Division.**

Belland, B., **Glazewski, K.**, & Richardson, J. (2008, November). *A scaffolding framework to support the construction of evidence-based arguments among middle school students*. Paper presented at the Association for Educational Communications and Technology International Convention, Orlando, FL. **NOTE: First author recognized with the 2007 Young Scholar Award from Educational Technology Research and Development.**

Ottenbreit-Leftwich, A., **Glazewski, K. D.**, & Newby, T. (2008, April). *Approaches in preservice technology integration courses*. Paper presented at the American Educational Research Association Annual Meeting, New York, NY.

Belland, B., **Glazewski, K. D.**, & Richardson, J. C. (2008, April). *Problem-based learning and solution presentation: Scaffolding middle school students' creation of evidence-based arguments*. Paper presented at the American Educational Research Association Annual Meeting, New York, NY.

**Glazewski, K. D.**, & Ertmer, P. A. (2007, October). *Fostering socioscientific reasoning in problem-based learning: An examination of teacher practice*. Association for Educational Communications and

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Technology International Convention, Anaheim, CA. **NOTE: Paper was one of six papers designated as a 2007 Featured Research paper at the annual meeting.**

Ottenbreit-Leftwich, A., **Glazewski**, K. D., Newby, T., & Ertmer, P. A. (2007, October). *What are the integration visions, strategies, and developmental processes of expert technology-using teachers?* Paper presented at the Association for Educational Communications and Technology International Convention, Anaheim, CA.

Ertmer, P. A., **Glazewski**, K. D., and others (2007, April). *Teachers' strategies for effectively implementing PBL in the middle school classroom.* Paper presented at the Association for Educational Communications and Technology International Convention, Anaheim, CA.

Belland, B., White, W., **Glazewski**, K. D., & Richardson, J. C. (2007, October). *The Connection Log: A computer-based scaffolding system to help students build evidence based arguments.* Paper presented at the Association for Educational Communications and Technology International Convention, Anaheim, CA.

Ottenbreit-Leftwich, A. T., **Simons\***, K. D., & Newby, T. (2007, April). *Realistic perceptions of higher-level technology integration: Investigating the visions, strategies, and development of exemplary technology-using teachers.* Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.

Belland, B. R., **Simons\***, K. D., & Ertmer, P. A. (2007, April). *Inclusion and problem-based learning: Roles of students in mixed-ability groups.* Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.

Ottenbreit-Leftwich, A., **Simons\***, K. D., & Ertmer, P. E. (2006, October). *Student strategies for succeeding in PBL environments: Experiences and perceptions of low self-regulating students.* Association for Educational Communications and Technology International Convention, Dallas, TX. **NOTE: Paper was one of six papers designated as a 2006 Featured Research paper at the annual meeting.**

Park, S., Ertmer, P. E., & **Simons\***, K. D. (2006, October). *Problem-based learning (PBL) and teachers' beliefs regarding technology use.* Presentation at the Association for Educational Communications and Technology International Convention, Dallas, TX.

Ottenbreit-Leftwich, A., **Simons\***, K. D., & Ertmer, P. E. (2006, April). *Student strategies for succeeding in PBL environments: Experiences and perceptions of low self-regulating students.* Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

**Simons\***, K. D., & Ertmer, P. E. (2006, April). *Learning science through Tech-Know-Build: One middle-school problem-based learning model.* Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

Park, S., Ertmer, P. E., **Simons\***, K. D., & Aagard, H. (2006, April). *Problem-based learning (PBL) and teachers' beliefs regarding technology use.* Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

**Simons\***, K. D., Ertmer, P. E., Haas, T., VanHorn, M., Lehman, J., Ottenbreit-Leftwich, A., & The TKB Team (2005, October). *The relationship between self-directedness and student success in technology-enhanced PBL units.* Presentation at the Association for Educational Communications and Technology International Convention, Orlando, FL.

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\*NOTE: Former name is K. Simons

Lee, M., **Simons\***, K. D., & Ertmer, P. A. (2005, October). *Exploring the possibilities of problem-based learning in the K-12 English as a second language classroom*. Presentation at the Association for Educational Communications and Technology International Convention, Orlando, FL.

Park, S., Ertmer, P. E., & **Simons\***, K. D. (2005, October). *Impact of problem-based learning on pre-service teachers' beliefs about technology*. Presentation at the Association for Educational Communications and Technology International Convention, Orlando, FL.

Park, S., Lee, M., Blackman, J., Ertmer, P. E., Schaffer, S., Belland, B., & **Simons\***, K. D. (2005, October). *Examining barriers middle school teachers encountered in the technology-enhanced problem-based learning*. Presentation at the Association for Educational Communications and Technology International Convention, Orlando, FL.

Ertmer, P. A., & **Simons\***, K. D. (2005, July) *Scaffolding teachers' efforts to implement problem-based learning*. Paper presented at the Twelfth International Conference on Learning, Granada, Spain.

**Simons\***, K. D., & Ertmer, P. A. (2005, July). *Scaffolding disciplined inquiry in online science environments*. Paper presented at the Twelfth International Conference on Learning, Granada, Spain.

**Simons\***, K., Ertmer, P., Belland, B., Blackman, J., Lee, M., Ottenbreit, A., & Park, S. (2005, March). *Middle school students in technology-enhanced problem-based learning: experiences of high and low self-directed students*. Presentation at the Society for Information Technology and Teacher Education International Conference (SITE), Phoenix, AZ.

Park, S., Ertmer, P., & **Simons\***, K. (2005, March). *Problem-based learning and beliefs about technology: Examining the relationship*. Presentation at the Society for Information Technology and Teacher Education International Conference (SITE), Phoenix, AZ.

Brush, T., & **Glazewski**, K. (2004, October). *Scaffolding disciplined inquiry in online learning environments*. Presentation at the meeting of the Association for Educational Communications and Technology, Chicago, IL.

Ottenbreit, A., Poole, H., & **Glazewski**, K. (2004, October). *The effects of computer troubleshooting on elementary students' problem-solving skills*. Paper presented at the meeting of the Association for Educational Communications and Technology, Chicago, IL.

Ertmer, P. E., Muehlhausen, J., Hudson, H., Haas, T., Park, S. H., & **Glazewski**, K. (2004, October). *A symposium of PBL-using teacher: Teacher experiences and student impact*. Presentation at the meeting of the Association for Educational Communications and Technology, Chicago, IL.

**Glazewski**, K., & Klein, J. (2004, April). *Design, development, and impact of scaffolds in a problem-based learning unit*. Paper presented at the American Educational Research Association Annual Meeting, San Diego, CA.

**Glazewski**, K., & Klein, J. (2004, April). *The impact of scaffolding and student ability in a hypermedia, problem-based learning unit*. Paper presented at the American Educational Research Association Annual Meeting, San Diego, CA.

**Glazewski**, K., Richardson, J., & Lehman, J. (2004, March). *Evaluating the impact of videocase modeling on preservice teachers' self-efficacy toward technology integration*. Presentation at the meeting of Society for Information Technology and Teacher Education International Conference, Atlanta, GA.

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**Glazewski, K., & Klein, J.** (2003, October). *The impact of scaffolding and student ability in a hypermedia, problem-based learning unit*. Presentation at the meeting of the Association for Educational Communications and Technology, Anaheim, CA.

**Glazewski, K., Sutton, J., Ozogul, G., Igoe, A., & Rutowski, K.** (2003, October). *The impact of integrated field-based technology courses on pre-service teachers' beliefs, competence, and practice*. Presentation at the meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Brush, T., **Glazewski, K., & Rutowski, K.** (2003, April). *Integrating technology in a field-based teacher training program: The PT3@ASU project*. Presentation at the meeting of the American Educational Research Association Annual Meeting, Chicago, IL.

**Glazewski, K., Berg, K., Sutton, J., & Brush, T.** (2002, November). *An evaluation of preservice teacher technology integration techniques and attitudes toward technology integration in a field-based model*. Presentation at the meeting of the Association for Educational Communications and Technology, Dallas, TX.

Berg, K., **Glazewski, K., Sutton, J., & Brush, T.** (2002, July). *Preservice teacher technology integration: Attitudes and strategies in a field-based model*. Paper presented at the Ninth International Literacy and Education Research Network Learning Conference, Beijing, China.

**Glazewski, K., Brush, T., & Klein, J.** (2002, April). *Instructional strategies utilized during the implementation of a hypermedia, problem-based learning environment: A case study*. Paper presented at the meeting of the American Educational Research Association Annual Meeting, New Orleans, LA.

Brush, T., Rutowski, K., **Glazewski, K., Sutton, J., Hansen, C., & Bardsley, D.** (2002, March). *Strategies for integrating technology into field-based teacher training programs: Perspectives from educational technology faculty and teacher education faculty*. Paper presented at the meeting of the Society for Information Technology and Teacher Education International Conference, Nashville, TN.

Berg, K., **Glazewski, K., & Brush, T.** (2002, March). *Integrating technology into preservice teacher education: Comparing a field-based model with a traditional approach*. Paper presented at the meeting of the Society for Information Technology and Teacher Education International Conference, Nashville, TN.

Stromfors, C., **Glazewski, K., & Brush, T.** (2002, March). *A qualitative study of perceptions held by teacher candidates regarding the role of technology in education*. Paper presented at the meeting of the Society for Information Technology and Teacher Education International Conference, Nashville, TN.

**Glazewski, K., Ku, H., Brinkerhoff, J., & Brush, T.** (2001, November). *Development, results and validation of technology integration surveys for preservice and practicing teachers*. Presentation at the meeting of the Association for Educational Communications and Technology, Atlanta, GA.

**Glazewski, K., Brush, T., & Klein, J.** (2001, November). *An examination of instructional strategies employed within a hypermedia, problem-based learning unit*. Presentation at the meeting of the Association for Educational Communications and Technology, Atlanta, GA.

Brush, T., Igoe, A., Brinkerhoff, J., **Glazewski, K., Hernandez-Van Nest, M., Ku, H., Stromfors, C., & Smith, T.C.** (2001, November). *Moving technology experiences to the field: A new model for teacher training*. Presentation at the meeting of the Association for Educational Communications and Technology, Atlanta, GA.

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**Glazewski, K., Ku, H., & Brush, T.** (2001, April). *The current state of technology integration in preservice teacher education*. Paper presented at the meeting of the American Educational Research Association Annual Meeting, Seattle, WA.

**Glazewski, K., & Brinkerhoff, J.** (2001, April). *The role of scaffolds in support of an expert and a novice teacher within a problem-based learning environment: A case study*. Presentation at the meeting of the American Educational Research Association Annual Meeting, Seattle, WA.

Brinkerhoff, J., Ku, H., **Glazewski, K., & Brush, T.** (2001, March). *An assessment of technology skills and classroom technology integration experience in preservice and practicing teachers*. Presentation at the meeting of the Society for Information Technology and Teacher Education International Conference, Orlando, FL.

Brinkerhoff, J., & **Glazewski, K.** (2000, October). *Hypermedia-based problem based learning in the upper elementary grades*. Presentation at the meeting of the Association for Educational Communications and Technology, Denver, CO.

**Glazewski, K., & Brinkerhoff, J.** (2000, August). *Up, Up & Away! – A WEB based learning unit for the 5 – 8 classroom*. Presentation at the meeting of the Arizona Technology in Education Alliance, Phoenix, AZ.

## INTERNAL GRANTS, FUNDED

**Glazewski, K., Wallace, S., Banks., T., & McKay, C.** (2015). *MidSchool@MILL: The Bloomington Project School / IU SOE Make, Innovate, Learn Lab (MILL) Partnership Project*. \$5,000 through the IU School of Education.

**Glazewski, K., Brush, T., & Hmelo-Silver, C.** (2015). *The Problem-Based Learning (PBL) Virtual Case Laboratory to Support Instruction for Design Problem Solving*. \$21,250. Seed funding through Indiana University Office of the Vice Provost for Research.

**Glazewski, K. D., Jung, J., & Liao, J.** (2013). *Making learning authentic: A graduate research methods course redesign and implementation case*. \$5,000. Phase II Scholarship of Teaching and Learning Grant, Indiana University.

**Glazewski, K. D., Leftwich, A., Brush, T., Hoey, B., & Zachmeier, A.** (2013). *Technology Integration Concerns: A Dialogue between Pre-Service Teachers and Exemplary In-Service Teachers*. \$5,000. Phase II Scholarship of Teaching & Learning Grant, Indiana University.

**Glazewski, K. D., Aslan, S., & Zachmeier, A.** (2012). *Technology Integration Concerns: A Dialogue Between Pre-Service Teachers and Exemplary In-Service Teachers*. \$2,000. Phase I Scholarship of Teaching & Learning Grant, Indiana University.

## PROFESSIONAL ORGANIZATIONS

American Educational Research Association (AERA)  
 Association for Educational Communications and Technology (AECT)  
 Society for Information Technology & Teacher Education (SITE) (inactive)  
 Preparing Future Faculty (PFF) Fellow

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## UNIVERSITY SERVICE

**Member, Faculty Board of Review Committee**, Indiana University – Bloomington (2019 – present)

**Member-at-Large**, Bloomington Faculty Council, Indiana University – Bloomington (Two Terms: 2013-2015; 2017 – 2019).

**Acting Chair**, Mediation Committee, Indiana University – Bloomington (2018).

**Chair**, Mediation Committee, Indiana University – Bloomington (2016-2017).

**Member**, Mediation Committee, Indiana University – Bloomington (2014 – 2019).

**Member, Nominations Committee**, Association for Educational Communications and Technology, (2018 – 2019).

**Advisory Board Member**, LGBTQ+ Culture Center, Indiana University – Bloomington (2014 – present).

**Coordinator**, IST EdD Online Program (2012 – 2018).

**Member, IU School of Education Promotion, Tenure, & Contracts Committee**, Indiana University – Bloomington (2013 – 2018).

**Faculty Advisor**, Graduates of Instructional Systems Technology (GIST) Student Group, Indiana University – Bloomington (2013 – 2016).

**Member**, Diversity and Affirmative Action Committee, Indiana University – Bloomington (2014 – 2016).

**Member**, IST Recruitment Committee (2013 – 2015).

**Member**, IST Assistant Professor Search (external search) (2013 – 2014).

**Reader**, Spring Convocation (2012, May; 2013, May; 2013, December; 2016, May; 2018, December).

**Member**, Faculty Colloquium on Excellence in Teaching (FACET), Bloomington Leadership Team (2012 – 2015).

**Member**, Leadership IU / IUB Online Leadership Team (2012 – 2013).

**Member**, Associate Dean for Teacher Education Search Committee (internal search) (2012).

**Member**, Learning Sciences Associate / Full Professor Search Committee (external search) (2012 – 2013).

**Chair**, IST Assistant Professor Search (external search) (2012 – 2013).

**Chair**, IST Admissions Committee (2012 – present).

**Member**, Dissertation Award Committee (2012).

**Member**, IST Admissions Committee (2011 – 2012).

**Member**, SOE Budget and Faculty Affairs Committee (2011 – 2014).

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**Member**, IST Curriculum Committee (2011 – 2013).

**Member**, Secondary Education Council (2011 – 2015).

**Member, DACC Community Education Advisory Board**, (2009 – 2011). Provide input regarding the structure and directions of community education.

**Chair**, New Faculty Association at NMSU (NFA@NMSU) (2006 – 2011). Collaboratively founded and organized association to foster cross-disciplinary and cross-cultural social and professional networks among new, junior, and college faculty.

**Member**, Curriculum & Instruction Allocation of Effort Committee (2008-2011).

**Member**, Curriculum & Instruction Masters of Teaching in Mathematics Curriculum Redesign Committee (2006-2009).

**Member**, Curriculum & Instruction Masters Committee, New Mexico State University (2006-2011).

**Member**, Curriculum & Instruction Mathematics Education Faculty Search Committee (2007-2008).

**Member**, Curriculum & Instruction Science Education Faculty Search Committee (2007-2008).

**Co-Chair**, Curriculum & Instruction Mathematics Education Faculty Search Committee (2006-2007).

**Member**, College of Education Technology Committee, New Mexico State University (2006-2007).

**Member**, Curriculum & Instruction Faculty Affairs Committee, Purdue University (2005-2006).

**Member**, Center for Instructional Excellence Service Learning Committee, Purdue University (2005-2006).

**Member**, Curriculum & Instruction Language and Literacy Faculty Search Committee, Purdue University (2005-2006).

**Member**, Curriculum & Instruction Elementary Education Committee, Purdue University (2003-2006).

## PROFESSIONAL SERVICE

**Editor**, *Interdisciplinary Journal of Problem-Based Learning*, (2018 – present). NOTE: on leave January-March 2019.

**Co-Editor**, *Interdisciplinary Journal of Problem-Based Learning*, (2012 – 2018).

**Coordinator**, **Young Researcher Award**, Association for Educational Communications and Technology, Research and Theory Division (2015-present).

**Editorial Board Member**, *American Educational Research Journal*, (2018 – 2021).

**Member**, **Nominations Committee**, Association for Educational Communications and Technology, (2018 – present).

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**Accreditation Reviewer**, United Arab Emirates Ministry of Higher Education (3 site visits since 2015).

**Executive Committee Member**, Professors of Instructional Design and Technology annual conference, Bloomington, IN (2013).

**Consulting Reviewer**, *TechTrends*, (2004 – 2017).

**Consulting Reviewer**, *Educational Technology Research & Development*, (2003 – 2017).

**Consulting Reviewer**, *Interdisciplinary Journal of Problem-Based Learning*, (2006 – present).

**Fundraising Committee Member**, Asombro Institute, Las Cruces, NM, (2009 – 2011). Assist with local fundraising efforts.

**Program Chair**, (2007-2010). American Educational Research Association, *Special Interest Group (SIG) – Problem-Based Learning*. Coordinated program submission, review, and selection for annual meeting.

**Proposal Reviewer**, National Science Foundation—Developmental and Learning Sciences, (2007).

**Planning Committee Member**, Professors of Instructional Design and Technology Annual Retreat, Estes Park, CO (2007).

**Past-Chair** (2006-2007). American Educational Research Association, *Special Interest Group (SIG) - Instructional Technology*.

**Design and Development Division Board Member** (2004 – 2007). Association for Educational Communications and Technology.

**Chair** (2005 – 2006). American Educational Research Association, *Special Interest Group (SIG) - Instructional Technology*.

**Chair-Elect** (2004 – 2005). American Educational Research Association, *Special Interest Group (SIG) - Instructional Technology*.

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