

Dr. Amy C. Hutchison

Professor

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SUMMARY

Professor and Director of Faculty Research Mentoring. Passionate about using digital innovations to provide equitable learning opportunities for all students and prepare them for a future that is constantly changed by digital technologies.

ACADEMIC PREPARATION

Clemson University, Clemson, South Carolina

PhD in Curriculum and Instruction, Summa Cum Laude, May 2009,

Emphasis in Literacy and Technology

Columbia College, Columbia, South Carolina

Master of Science in Divergent Learning, Summa Cum Laude, May 2004

Clemson University, Clemson, South Carolina

Bachelor of Arts in Education, Magna Cum Laude, May 2002

Major in Elementary Education, Minor in Music

PROFESSIONAL EXPERIENCE

2022-Present Fayard Family Professor of Early Literacy, University of Alabama

2021-2022 Professor, George Mason University, School of Education

Center & Institute Affiliations:

[Center for Advancing Human-Machine Partnership](#), George Mason University

[Elizabeth G. Sturtevant, PhD, Center for Literacy](#), George Mason University

[Quantum Science and Engineering Center](#), George Mason University

[Institute for Digital Innovation](#), George Mason University

2021- Present Director of Faculty Research Support and Mentoring, College of Education and Human Development, George Mason University

2018-2021 Director, Division of Elementary, Literacy, and Secondary Education, George Mason University

2016-2021 Associate Professor, George Mason University, Graduate School of Education

2015- 2016 Associate Professor, Iowa State University, School of Education

2009-2015 Assistant Professor, Iowa State University, School of Education

2005- 2009 Graduate Research Assistant, Teaching Internet Comprehension to Adolescents (TICA) Project, Institute of Education Sciences Grant, Clemson University.

2006 Internship, Study Abroad Program in comparative education, Carpi, Italy. Under the direction of Professor David Reinking.

2002-2005 Teacher, Greenville County School District, Greenville, South Carolina

HONORS & AWARDS

2020 Recipient of the International Literacy Association Erwin Zolt Digital Literacy Game Changer Award

2017-18 Selected as academic contributor to the Apple International Development Executive Team

2014 Literacy Research Association Early Career Achievement Award

2014 American Educational Research Association (AERA) Early Career Scholar Award; Technology as an Agent of Change Special Interest Group

2014-16 Research Fellowship, Center for Educational Transformation, University of Northern Iowa

2014 Early Career Achievement in Research Award. Iowa State University, College of Human Sciences

2012 Thomas N. Urban Research Award for outstanding research or scholarly contributions to Iowa Education. Awarded by Iowa Academy of Education.

2010 Outstanding Dissertation Award Finalist, International Reading Association

2009 Distinguished Research Award, Iowa Educational Research and Evaluation Association

GRANTS & EXTERNAL FUNDING

2022 PI, Google, Preparing Computer Science Teachers Through Industry Externships, (\$125,000). Co-PI: Erdogan Kaya

2021-2024 PI, National Science Foundation, *A Partnership to Implement the Inclusive Computer Science Model of Professional Development & DEPICT-CS to Provide PK-6 Computer Science Instruction for Students with Disabilities* (\$999,985). Co-PIs: Erdogan Kaya, Anya Evmenova, Kelley Regan, Jeff Offutt, Kristie Gutierrez, Jamie Colwell

2021-2022 Co-PI, *Elizabeth G. Sturtevant, PhD, Center for Literacy: Post-Pandemic Literacy Intervention*, Congressionally Directed Funding (\$1,829,785). PI: Allison Ward-Parsons

2020-22 PI, Amazon, Understanding the Effectiveness of Teacher Externships in Computer Science as part of Industry and University Partnerships, (\$310,000). Co-PI: Erdogan Kaya

2018-23 Co-PI, U.S. Department of Education Office of Special Education Programs.

- WEGO-RIITE: Writing Efficiently with Graphic Organizers - Responsive Instruction while Implementing Technology Effectively, PI: Evmenova, A., Co-PI: Regan, K. (\$2,498,627).
- 2018-22 PI, National Science Foundation, *Preparing K-5 Teachers to Integrate the Computer Science Standards of Learning in Inclusive Classrooms to Support Students with High Incidence Disabilities*, Co-PIs: Evmenova, A., Offutt, J., Colwell, J., Gutierrez, K. (\$999,436).
- 2018-20 PI, Education Bureau of Hong Kong, *Proposal to Advise the Planning, Implementation, and Evaluation of the Collaborative Research and Development Project on Coding to Learn*, (\$110,017).
- 2015-16 PI, Fellowship awarded by the Center for Educational Transformation. *Implementing the Technology Integration Planning Cycle* (\$79,898).
- 2014-15 PI, Grant from Iowa Reading Research Center Iowa. *Intensive Summer Reading Programs Landscape Assessment*, Co-PIs: Hosp, J. & Forbes, S. (\$80,000).
- 2014-15 PI, Fellowship awarded by the Center for Educational Transformation. *Implementation and Evaluation of the Technology Integration Planning Cycle for Literacy and Language Arts*. (\$63,736)
- 2014-15 Co-PI, Seed Grant, College of Human Sciences, Iowa State University. *Epistemic Beliefs and Reading Strategies When Competent High School Readers Select and Learn from Internet Sources*. PI: Cho, B.Y. (\$10,000)
- 2013-15 Co-PI, Educational Testing Services Grant, *Tablet Technology and English Language Assessments for Young Learners: First Steps on an ECD Path*, PI: Chappell, C. (\$120,663)
- 2013-14 PI, Iowa Reading Research Center, *Needs Assessment: The State of PK-3 Literacy in Iowa*. Co-PIs: Hosp, J. & Forbes, S. (\$79,520).
- 2013-14 Co-PI, Intramural Collaborative Seed Grant, College of Human Sciences, Iowa State University. *Improving Teachers Implementation of Movement into the Classroom Through Social Networking Tools*. PI: Vazzou, S. (\$24,876).
- 2010-11 PI, Untenured Faculty Seed Grant, College of Human Sciences, Iowa State University. *Identifying the Affordances and Constraints of using iPads with Elementary Students for Reading and Responding to Text*. (\$10,000).
- 2010-11 Co-PI, Intramural Collaborative Seed Grant, College of Human Sciences, Iowa State University. *Advancing Knowledge on the Integration of Information and Communication Technologies for Learning in K-12 Settings*. PI: Drake, C. (\$25,000).
- 2010-11 PI, Center for Excellence in Learning and Teaching Grant. *Developing Leading STEM Elementary Educators Through a Coherent and Interdisciplinary Elementary Education Program*. (\$9,982).

PUBLICATIONS

Books

Colwell, A., Hutchison, A. & Woodward, L. (2020) *Digitally-Supported Disciplinary Literacy for Diverse K-5 Classrooms*: Teachers College Press.

Hutchison, A., & Colwell, J. (2015). *Bridging Technology and Literacy: Developing Digital Reading and Writing Practices in Grades K-6*. New York: Rowman & Littlefield.

Journals (Refereed & Invited)

Hutchison, A. Colwell, J., Gutierrez, K., Evmenova, A., Offutt, J., & Gross, M. (2022). Evaluating the role of professional development on elementary teachers' knowledge, comfort, and beliefs related to teaching computer science to students with high-incidence disabilities. *Journal of Research on Technology in Education*. <https://doi.org/10.1080/15391523.2022.2089408>

Colwell, J., Hutchison, A., Gutierrez, K., Offut, J. Evmenova, A. (Under Review). Elementary teachers' reactions to online professional development for literacy-focused computer science instruction for all learners.

Regan, K., Evmenova, A., Mergen, R. Verbiest, C., Hutchison, A. Murnan, R., Field, S. Gafurov, B. (Under Review) Exploring how teachers use data to make targeted instructional decisions for improving student writing.

Day, J., Regan, K., Evmenova, A., Verbiest, C., Hutchison, A., Gafurov, B. (In press). The resilience of students and teachers using a virtual writing intervention during COVID-19. *Reading and Writing Quarterly*.

Von Gillern, S., Gleason, B., & Hutchison, A. (2022). Digital citizenship, media literacy, and the ACTS framework. *The Reading Teacher*. <https://doi.org/10.1002/trtr.2120>

Hutchison, A., & Evmenova, A. (2022). Planning computer science instruction for students with high-incidence disabilities. *Intervention in School and Clinic*, 57(4), 262-267. DOI: 10.1177/10534512211024939

Colwell, J., Hutchison, A., & Woodward, L. (2022). Digitally-supported disciplinary literacy in elementary instruction. *The Reading Teacher*, 75(4), 463-474. doi:10.1002/trtr.2070

Regan, K., Evmenova, A., Mergen, R. L., Murnan, R., Verbiest, C., Day, J., & Hutchison, A. (2021). *Bring a device with google chrome and explore how teachers use data to carefully design writing instruction*. In A. Markelz, (Ed.), TED 2021 Conference Proceedings: Steering into the Future (pp 130-134). Teacher Education Division of the Council for Exceptional Children, Fort Worth, TX. <https://tedcec.org/sites/default/files/2021-12/TED%202021%20Conference%20Proceedings.pdf>

Hutchison, A. (2021). Review of the book *Breaking barriers: How P-TECH schools create a pathway from high school to college to career*, by S. Litow & T. Kelley. *Teachers College Record*.

Hutchison, A. (2021). Empowering students with digital skills: Digital literacy as a pathway to joy in learning. *Literacy Today*, 39(1), 54-55.

Hutchison, A., Colwell, J., Gutierrez, K., Evmenova, A., Offutt, J., Taylor, V. (2021). Designing a

- model of computer science professional development for elementary educators in Inclusive settings. *Journal of Technology and Teacher Education*, 29(2), 165-193.
- Regan, K., Evmenova, A., Hutchison, A., Day, J., Stephens, M., Verbiest, C., Gafurov, B. (2021). Steps for success: Making instructional decisions for students' essay writing. *TEACHING Exceptional Children*. <https://doi.org/10.1177/00400599211001085>
- Evmenova, A., Reagan, K., and Hutchison, A. (2020). AT for writing: Technology-based graphic organizers with embedded supports. *TEACHING Exceptional Children* 52(4), 266-269.
- Hutchison, A. (2020). Computer science for all is a right, not an option. In *Proceedings of the 2019 Connected Learning Summit*. Pittsburgh, PA: Carnegie Mellon University: Etc. Press. <https://doi.org/10.1184/R1/11926884.v1>
- Parsons, S., Hutchison, A., Hall, L., Ward Parsons, A., Ives, S., & Leggett, A. (2019). U.S. Teachers' Perceptions of Online Professional Development. *Teaching and Teacher Education*, 82, 33-42. Doi: <https://doi.org/10.1016/j.tate.2019.03.006>
- Woodward, L. & Hutchison, A. (2018). The STAK Model: Exploring Individualized Professional Development for Technology Integration. *Journal of Technology and Teacher Education*, 26(4), 613-644.
- Chapelle, C., Schmidgall, J., Lopez, A., Blood, I., Wain, J., Cho, Y., Hutchison, A., Lee, H., Dursun, A. (2018). Designing a prototype tablet-based learning-oriented assessment for middle school English learners: An evidence-centered design approach. *Educational Testing Service Research Reports*. Doi:10.1002/ets2.12232
- Colwell, J., Woodward, L., & Hutchison, A. (2018). Out-of-school reading and literature discussion: An exploration of adolescents' participation in digital book clubs. *Online Learning*, 22(2), 221-247. doi:10.24059/olj.v22i2.1222
- Hutchison, A. (2018). Using virtual reality to explore science and literacy concepts. *The Reading Teacher*, 72(3). doi:10.1002/trtr.1720
- Colwell, J. & Hutchison, A. (2018). Considering a Twitter-Based Professional Learning Network in Literacy Education. *Literacy Research and Instruction*, 57(1), 5-25. DOI: 10.1080/19388071.2017.1370749
- Hutchison, A., & Woodward, L. (2018). Examining the technology integration planning cycle model of professional development to support teachers' instructional practices. *Teachers College Record*, 120(10).
- Thoma, J. & Hutchison, A., Johnson, D., Johnson, K., & Stromer, E. (2017). Planning for technology integration in a professional learning community. *The Reading Teacher*, 71(2), 167-175. <https://doi.org/10.1002/trtr.1604>
- Estapa, A., Hutchison, A., & Nadolny, L. (2017). Recommendations to support coding in the elementary classroom. *Technology and Engineering Teacher*, 77(4), 25-29.
- Hutchison, A., Nadolny, L., & Estapa, A. (2017). Using coding apps to support literacy

instruction and develop coding literacy. *International Reading Association Cross Journal Virtual Issue on Literacy Across the Disciplines*.

- Beschorner, B. & Hutchison, A. (2016). Parent education for dialogic reading: Online and face to-face delivery methods. *Journal of Research in Childhood Education*, 30(3), 374-388. DOI: 10.1080/02568543.2016.1178197
- Hutchison, A., Woodward, L., & Colwell, J. (2016). What are Preadolescent Readers doing online? An examination of upper elementary students' reading, writing, and communication in digital spaces. *Reading Research Quarterly*, 51(4), 435-454.
- Hutchison, A. (2016). Programming: What should be mandatory? *Literacy Today*, 33(4), 14-15.
- Hutchison, A. & Colwell, J. (2016). Preservice teachers' use of the technology integration planning cycle to integrate iPads into literacy instruction. *Journal of Research on Technology in Education*, 48(1), 1-15.
- Hutchison, A., Nadolny, L., & Estapa, A. (2016). Using coding apps to support literacy instruction and develop coding literacy. *The Reading Teacher*, 69(5), 493-503. DOI:10.1002/trtr.1440
- Colwell, J. & Hutchison, D. (2015). Refining a flipped classroom model in a content area literacy course: Determining modification through reflection. *International Journal of Social Media and Interactive Learning Environments*, 3(4), 249-266. DOI: 10.1504/IJSMILE.2015.074007
- Colwell, J. & Hutchison, A. (2015). Supporting teachers in integrating digital technology into language arts instruction to promote literacy. *Journal of Digital Learning in Teacher Education*, 31(2), 56-63. DOI: 10.1080/21532974.2014.991813
- Hall, A., Hutchison, A., & White, A. (2015). Teachers' beliefs about the common core english language arts writing standards. *Journal of Research in Education*, 25(1), 88-106.
- Hutchison, A. (2015). Technology Integration: What's Your Next Step? *The Oklahoma Reader*, 51(1), 11-14.
- Pang, S., Reinking, D., Hutchison, A., Ramey, D. (2015). South Korean teachers' perceptions of integrating information and communication technologies into literacy instruction. *Education Research International*, 2015, 1-13. DOI: 10.1155/2015/783593
- Vazou, S. & Hutchison, A. & Webster, C. (2015). Empowering teachers to integrate physical activity: online communities of practice. *Research Quarterly for Exercise and Sport*. 86, A6-A7.
- Webster, C. & Vazou, S. & Hutchison, A. (2015). Feasibility of just-a-minute (jam) activities for increasing classroom-based physical activity. *Research Quarterly for Exercise and Sport*. 86, A7-A7.
- Hutchison, A., & Beschorner, B. (2014). Using the iPad as a Tool to Support Literacy Instruction. *Technology, Pedagogy & Education*, 24(5), 407-422. DOI: 10.1080/1475939X.2014.918561
- Hutchison, A. & Colwell, J. (2014). The Potential of Digital Technologies to Support Literacy Instruction Relevant to the Common Core State Standards. *Journal of Adolescent and Adult Literacy*, 58(2). DOI: 10.1002/jaal.335

- Hutchison, A. & Woodward, L. (2014). An Examination of How A Teacher's Use of Digital Tools Empowers and Constrains Language Arts Instruction. *Computers in the Schools*, 31(4), 316-338. DOI: 10.1080/07380569.2014.967629
- Hutchison, A. & Woodward, L. (2014). A Planning Cycle for Integrating Technology into Literacy Instruction. *The Reading Teacher*, 67(6), 455-464. DOI: 10.1002/trtr.1225.
- Hutchison, A. Beschorner, B. & Schmidt-Crawford, D. (2013). Exploring the use of the iPad for literacy learning. *International Reading Association Cross Journal Virtual Issue on Hot Topics in Education*.
- Beschorner, B. & Hutchison, A. (2013a). iPads as tools for communicating with parents. *The Oklahoma Reader*, 49(1), 17-19.
- Beschorner, B. & Hutchison, A. (2013b). iPads as a literacy teaching tool in early Childhood. *International Journal of Education in Mathematics, Science and Technology*, 1(1), 16-24.
- Hutchison, A. & Wang, W. (2012). Blogging within a social networking site as a form of literature response in a teacher education course. *Educational Media International*, 49(3). DOI:10.1080/09523987.2012.741197
- Hutchison, A., Beschorner, B., & Schmidt-Crawford, D. (2012). *Exploring the use of the iPad for literacy learning. Reading Teacher*, 66(1), 15-23.
- Colwell, J., Hutchison, A., & Reinking, D. (2012). Using social network blogs to promote literary response during teachers' professional development. *Language Arts*, 89(4), 232-243.
- Hutchison, A. (2012). Literacy teachers' perceptions of professional development that increases integration of technology into instruction. *Technology, Pedagogy & Education*, 21(1), 37-56.
- Hutchison, A. & Colwell, J. (2012). Using a wiki to facilitate an online professional learning community for induction and mentoring teachers. *Education and Information Technologies*, 17(3), 273-289.
- Hutchison, A. & Reinking, D. (2011). Teachers' Perceptions of Integrating Information and Communication Technologies into Literacy Instruction: A National Survey in the U.S. *Reading Research Quarterly*, 46(4), 308-329.
- Hutchison, A., & Reinking, D. (2010). A national survey of barriers to integrating information and communication technologies into literacy instruction. In R. Jimenez, V. Risko, M. Hundley, & D. Rowe (Eds.), *Fifty-Ninth Yearbook of the National Reading Conference* (pp.-230-243). National Reading Conference. Milwaukee, WI.
- Mokhtari, K., Hutchison, A., & Edwards, P. (2010). Organizing instruction for struggling readers in tutorial settings. *The Reading Teacher*, 64(4), 287-290.
- Hutchison, A., & Henry, L. (2010). Internet use and online reading among middle-grade students at risk of dropping out of school. *Middle Grades Research Journal*, 5(2).
- Beach, R., Carter*, A., East, D., Johnston, P., Reinking, D., Smith-Burke, T., & Stahl, N. (2007). Resisting commercial influences on accessing scholarship: What literacy researchers need to

know and do? *Fifty-Sixth Yearbook of the National Reading Conference*. National Reading Conference. Milwaukee, WI.

Carter*, A. (2007). New literacies for all learners. *Reading Matters*, 8, 66-69.

*Last name was formerly Carter

BOOK CHAPTERS

Hutchison, A. & Colwell, J. (In press). Disciplinary literacy in computer science. In *Unpacking disciplinary literacies: From research to practice*. Guilford.

Hjalmarson, M., Ward-Parsons, A., Parsons, S., Hutchison, A. (In Press). Design-based research: addressing publication challenges. In *Design based research in education: Theory and applications*. Guilford.

Hutchison, A. (2021). Integrating digital technology into instruction to expand literacy learning opportunities and support differing learning needs. In S. Parsons and M. Vaughn (Eds.). *Principles of effective literacy instruction, K-5*. Guilford.

Hutchison, A. & Beschorner, B. (2019). Mobile devices and multimodal textual practices. In G. Oakley. (Ed.) *Mobile technologies in children's language and literacy: innovative pedagogy in preschool and primary education*. West Yorkshire: Emerald.

Beschorner, B., Colwell, J., Hutchison, A., & Woodward, L. (2018). Using the technology integration planning cycle to prepare pre-service teachers for multimodal instruction. In E. Ortlieb, E. Cheek, & P. Semingson (Eds.), *Best Practices in teaching digital literacies (Literacy Research, Practice and Evaluation, Volume 9)*. West Yorkshire: Emerald.

Hutchison, A. (2015). Using the Multimodal Explanatory Composition Strategy to Respond to Informational Texts. In Rasinski, T., K. Pytash, & R. Ferdig (Eds.), *The Use of Technology in the Teaching of Reading*. Bloomington: Solution Tree.

Reynolds, R., Cho, B. & Hutchison, A. (2015). Selective attention and reading comprehension: Issues of theory, causality, and individual differences. In Afflerbach, P. (Ed.) *Handbook of individual differences in reading: Reader, text, and context*.

Reinking, D., & Carter, A. (2007). Accommodating digital literacies within conceptions of literacy instruction. In B.Guzzetti (Ed.), *Literacy for a new century*. Westport, CT: Praeger.

EVALUATIONS & REPORTS

Hutchison, A., Kaya, E. & Peters-Burton, E. (2021). Report to Amazon on the success of the GMU-Amazon Teacher Externship Experience.

Hutchison, A., Woodward, L., & Colwell, J. (2016). What are preadolescent readers doing online? A survey of upper elementary students' digital reading, writing, and communication. *CET Research Brief #1, (1)1*, p. 1-7.

Hutchison, A., Forbes, S., & Missall, K. (2015). A Look at Summer Reading Programs Across Iowa. Available at: <http://www.iowareadingresearch.org/reading-in-iowa/summer-reading/>

Hutchison, A., Hosp, J., Forbes, S., & Reynolds, R. (2013). Report on the State of PK-3 Literacy Instruction in Iowa. Available at http://www.iowareadingresearch.org/files/documents/fm/Needs-Assessment_Press-Release.pdf

CONFERENCE PRESENTATIONS National/International (Peer-Reviewed)

Evmenova, A. Regan, K. Hutchison, A. Day, J. Mergan, R., Field, S. (2022). *Exploring the usefulness of a technology-based graphic organizer for persuasive writing instruction*. Paper presented at the annual conference of the American Education Research Association.

Hutchison, A., Offut, J., Colwell, J., Evmenova, A., & Gutierrez, K. (2022). *Understanding how elementary teachers respond to a model of professional development for integrating computer science into instruction*. Paper presented at the annual conference of the American Education Research Association.

Hutchison, A., Kaya, E., Regan, K., Miller, B., Manchester, E., Gu, D. (2022)/ *Using the Compose and Code platform to provide leveled support for students with disabilities as they learn coding and computational thinking*. Roundtable session presented at the annual conference of the Society for Instructional Technology in Teacher Education.

Hutchison, A., Colwell, J., Evmenova, A., Gutierrez, K., & Offutt, J. (2022). *The effects of the inclusive computer science model of professional development on teachers' beliefs and implementation of computer science for students with high-incidence disabilities*. Paper presented at the annual conference of the Society for Instructional Technology in Teacher Education.

Evmenova, A., Hutchison, A., Mergen, R., Day, J., Regan, K. (2022). *Improving essay writing with technology in various environments: From in person to virtual*. Paper presented at the annual conference of the Council for Exceptional Children.

Hutchison, A. & Colwell, J. (2021). *Understanding teachers' perceptions about students with disabilities and computational thinking: A means to creating more inclusive pathways*. Paper presented at the annual conference of the Literacy Research Association.

Hutchison, A. & Colwell, J. (2021). *Understanding the effectiveness of a model of professional development for integrating computer science into literacy instruction in inclusive elementary classrooms*. Paper presented at the annual conference of the Literacy Research Association.

Hrisseh, R., Murnan, R., Mergen, R., Cristy-Davila, A., Evmenova, A., Regan, K., Hutchison, A. (2021, October). *Writing instruction via a technology-based graphic organizer*. Roundtable session at the annual conference of the Council for Learning Disabilities.

Gutierrez, K. S., Hutchison, A., Colwell, J., Offutt, J., & Evmenova, A. (2021, September, Accepted). *Using Design-Based Research to Establish an Effective Professional Development Model for Integrating Computer Science into Elementary Classrooms*. Paper presented at the Mid-Atlantic Association for Science Teacher Education, Blowing Rock, NC.

Evmemova, A., Reagan, K., & Hutchison, A., Hrisseh, R., Christy-Davila, A., Mergen, R. (2021, March). *UDL in Writing Instruction: Technology-based interventions to support students with high-incidence disabilities*. Paper presented at the Council for Exceptional Children Annual Conference, virtual.

- Evmemova, A., Reagan, K., & Hutchison, A. (2021, March). *I scored my student's essay, but how can this rubric help me with my writing lesson tomorrow?* Paper presented at the Council for Exceptional Children Annual Conference, virtual.
- Hutchison, A. (2020, December). *The CSIP+ planning model for designing instruction to help students with learning disabilities develop coding literacy.* Paper presented at the annual conference of the Literacy Research Association.
- Hutchison, A., Colwell, J., & Taylor, V. (2020, December). *Results of a design-based implementation research study of how elementary teachers respond to a model of professional development for integrating computer science into literacy instruction.* Paper presented at the annual conference of the Literacy Research Association.
- Evmemova, A., Reagan, K., & Hutchison, A., Murnan, R., Day, J., & Dvaila, A. (2020, October). *Teacher implementation of a technology-based graphic organizer for writing.* Council for Learning Disabilities Annual Conference, virtual.
- Taylor, V., Vardas-Doane, A., Colwell, J. & Hutchison, A. C. (2020, Apr 17 - 21) *Examining elementary teachers' perceptions of integrating computer science in k-5 instruction* [Roundtable Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/sm6dfx2> (Conference Canceled)
- Hutchison, A. (2020). *Technology integration with the Technology Integration Planning Cycle Model of professional development.* Paper presented at the annual conference of the Society for Instructional Technology in Teacher Education.
- Hutchison, A. (2019). *Design-based research in literacy.* Invited presenter at the annual conference of the Literacy Research Association, Tampa, FL.
- Hutchison, A. (2019). *Coding, computational thinking, and teacher learning: supporting educators as they infuse computer science into instruction.* Invited discussant at the annual conference of the Literacy Research Association, Tampa, FL.
- Hutchison, A., Colwell, J., Laughlin, L, Taylor, V., Vardas-Doane, A. (2019). *Designing a model of professional development to prepare K-5 teachers to integrate computer science into literacy instruction.* Roundtable paper presented at the annual conference of the Literacy Research Association, Tampa, FL.
- Hutchison, A. & Colwell, J. (2019, October). *What are preadolescent readers doing online? An examination of upper elementary students' reading, writing, and communication in digital spaces.* Poster presented in Meet the Research session at the conference of the International Literacy Association, New Orleans, LA.
- Hutchison, A. (2019, October). *Preparing K-5 teachers to integrate the computer science standards of learning in inclusive classrooms to support students with high-incidence disabilities.* Ignite talk presented at the Connected Learning Summit, Irvine, CA.
- Gutierrez, K., Hutchison, A., Colwell, J., Evmemova, A., Offut, J. (2019, September). *Developing a professional development model for integrating computer science into core content areas for all*

K-5 learners. Roundtable paper presented at the conference of the Mid-Atlantic Region Association for Science Teacher Education, Pipestem, WV.

Hutchison, A. (2019, May). *Using virtual reality for multimodal science and literacy learning*. Paper presented at the Clarke County Innovation Conference, VA.

Hutchison, A. (2019, April). *Results on a study using virtual reality for multimodal science learning*. Paper presented at the annual conference of the American Educational Research Association, Toronto, Canada.

Hutchison, A., Colwell, J., Woodward, L. (2018, November). *Investigating an approach to planning for disciplinary literacy in elementary grades: A formative experiment*. Paper presented at the annual conference of the Literacy Research Association, Indian Wells, CA.

Hutchison, A. (2018, November). *Writing the world, authoring experience: apps, vr, and online discussion*. Invited Discussant at the annual conference of the Literacy Research Association, Indian Wells, CA.

Hutchison, A. (2018, March). *Technology integration with the technology integration planning cycle model of professional development*. Paper presented at the annual conference of the Society for Instructional Technology in Teacher Education, Alexandria, VA.

Hutchison, A., Woodward, L., & Colwell, J. (2017, November). *Exploring how an exemplary teacher plans and implements digitally-rich literacy instruction*. Paper presented at the annual conference of the Literacy Research Association, Tampa, FL.

Hutchison, A., Wetzel, M., Laster, B., & Godley, A. (2017, November). Invited Session: *How to write proposals and review for the LRA Conference*. Paper presented at the annual conference of the Literacy Research Association, Tampa, FL.

Ward-Parsons, A., Hutchison, A., Hall, L., & Parsons, S. (2017, November). *Teachers' online professional learning interests: A national survey*. Paper presented at the annual conference of the Literacy Research Association, Tampa, FL.

Hutchison, A. & Woodward, L. (2017, April). *Examining the Technology Integration Planning Cycle model of professional development to support teachers' technology integration*. Paper presented at the annual conference of the American Educational Research Association, San Antonio, TX.

Woodward, L. & Hutchison, A. (2017, April). *How teachers plan to integrate technology into literacy instruction: A think-aloud study of planning processes*. Poster presented at the annual conference of the American Educational Research Association, San Antonio, TX.

Hutchison, A. & Woodward, L. (2016, December). *Examining a model of professional development to support teachers' integration of digital technologies into literacy instruction*. Paper presented at the National Conference of the Literacy Research Association, Nashville, TN.

Hutchison, A. & Woodward, L. (2016, December). *How teachers plan to integrate technology into literacy instruction: A think-aloud study of planning processes*. Paper presented at the National Conference of the Literacy Research Association, Nashville, TN.

- Hutchison, A. (2016, April). *Examining preadolescents online literacies: A survey*. Paper presented at the annual meeting of the American Educational Research Association, Washington, DC.
- Colwell, J. & Hutchison, A. (2015, December). *Refining a flipped classroom model in a content area literacy course to promote pre-service teacher reflection*. Paper presented at the National Conference of the Literacy Research Association, Carlsbad, CA.
- Hutchison, A. & Woodward, L. (2015, December). *Using the STAK model: a case study of professional development for technology integration in literacy*. Paper presented at the National Conference of the Literacy Research Association, Carlsbad, CA.
- Hutchison, A. (2015, April). *Examining Pre-Service Teachers Efforts to Integrate Digital Technology Into Literacy Instruction*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Hutchison, A. & Colwell, J. (2015, April). *Examining Pre-Service Teachers' Experiences in a Twitter-Based Professional Learning Network*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Hutchison, A., Forbes, S., & Hosp, J. (2015, April). *Results from a State-wide Survey Examining Approaches to Literacy Instruction*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Vazou, S., Hutchison, A., & Webster, C. (2015, March). *Empowering Teachers to Integrate Physical Activity: Online Communities of Practice*. Paper presented at the National Convention of the Society of Health and Physical Educators, Seattle, WA.
- Colwell, J. & Hutchison, A. (2014, December). *Developing a professional learning network for literacy through an online social network*. Paper presented at the annual meeting of the Literacy Research Association, Marco Island, FL.
- Hutchison, A. (2014, December). *Results from a state-wide survey examining approaches to literacy instruction, response to intervention, and implementation of the common core state standards*. Paper presented at the annual meeting of the Literacy Research Association, Marco Island, FL.
- Hutchison, A. & Colwell, J. (2014, December). *Examining pre-service teachers efforts to integrate digital technology into literacy instruction*. Paper presented at the annual meeting of the Literacy Research Association, Marco Island, FL.
- Hutchison, A., Hall, A., & White, K. (2013, December). *Examining teachers' beliefs about the value of the common core English language arts standards*. Paper presented at the annual meeting of the Literacy Research Association, Dallas, TX.
- Hutchison, A. & Beschorner, B. (2013, December). *Parent education for dialogic storybook reading: Case studies of face to face and online delivery models*. Paper presented at the annual meeting of the Literacy Research Association, Dallas, TX.
- Hutchison, A., Woodward, L., & Beschorner, B. (2013, December). *The development of an instructional planning cycle for technology integration in literacy and language arts instruction*. Paper presented at the annual meeting of the Literacy Research Association, Dallas, TX.

- Hutchison, A. & Beschorner, B. (2013, November). *Developmentally appropriate use of tablet technology for literacy learning*. Paper presented at the annual meeting of the National Association for the Education of Young Children, Washington, DC.
- Hutchison, A. & Beschorner, B. (2013, April). *The iPad as an early literacy learning tool*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Hutchison, A. (2013, April). *Invited Session: Meet the Researchers*. Poster presented at the annual meeting of the International Reading Association, San Antonio, TX.
- Hutchison, A. & Beschorner, B. (2013, April). *Using iPads as a literacy learning tool*. Paper presented at the annual meeting of the International Reading Association, San Antonio, TX.
- Hutchison, A. & Beschorner, B. (2012, November). *The iPad as an Early Literacy Learning Tool: A Case Study*. Paper presented at the annual meeting of the Literacy Research Association, San Diego, CA.
- Hutchison, A., Beschorner, B., Coffey, G., & Schmidt-Crawford, D. (2012, April). *The Affordances and Constraints of the iPad as a Tool for Reading and Responding to Text*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Hutchison, A. (2011, December). *Teacher perspectives on improving professional development on the integration of technology into literacy instruction*. Paper Presented at the annual meeting of the Literacy Research Association, Jacksonville, FL.
- Hutchison, A. (2011, December). *Blogging as a tool for literature discussion among preservice teachers*. Paper Presented at the annual meeting of the Literacy Research Association, Jacksonville, FL.
- Pang, S., Hutchison, A., & Reinking, D. (2011, December). *Comparing teachers' perceptions of integrating information and communication technologies into literacy instruction in South Korea and the U.S.* Paper Presented at the annual meeting of the Literacy Research Association, Jacksonville, FL.
- Hutchison, A. & Nash, J. (2011, April). *Development and validation of an instrument measuring the integration of ICT into K-12 settings*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Hutchison, A. & Wang, W. (2011, April). *Evaluating the Use of Blogging as Literature Discussion Within A Social Networking Site*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Hutchison, A. (2010, December). *Results from A national survey on teacher characteristics associated with the integration of ICT in literacy classrooms*. Paper Presented at the annual meeting of the Literacy Research Association, Fort Worth, TX.
- Hutchison, A. & Colwell, J. (2010, December). *Using web 2.0 to engage induction teachers in online professional learning communities*. Paper presented at the annual meeting of the Literacy Research Association, Fort Worth, TX.

- Hutchison, A. (2010, October). *Teacher characteristics associated with the integration of ICT in literacy classrooms*. Paper presented at the annual convention of the Association for Educational Communications and Technology.
- Wang, Wei & Hutchison, A. (2010, October). *Using a mentoring model to facilitate technology integration into teacher education courses*. Paper presented at the annual convention of the Association for Educational Communications and Technology.
- Hutchison, A. (2010, May). *A National survey of teachers' uses of information and communication technologies into literacy instruction*. Distinguished paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Hutchison, A. (2010, April). *Teachers' integration of information and communication technologies into literacy instruction*. In Barone, D. (Chair), *IRA's Outstanding Dissertation Award Finalists*. Symposium presented at the annual meeting of the International Reading Association.
- Hutchison, A. (2009, December). *Results from a national survey on teachers' uses of ICT in literacy classrooms*. Paper presented at the annual meeting of the National Reading Conference, Albuquerque, NM.
- *Carter-Hutchison (2009, May) *Using phase two of internet reciprocal teaching to teach language arts*. In D. Leu and D. Reinking (Chairs), *Internet Reciprocal Teaching (IRT): A Research-based Model for Teaching The New Literacies of Online Reading Comprehension*. Symposium presented at the annual meeting of the International Reading Association, Minneapolis, MN.
- *Carter-Hutchison. (2009, April). *Year 3 results and conclusions: Pre-Post comparisons on the Internet use survey between students in experimental and control classrooms*. In D. Leu and D. Reinking (Chairs), *Understanding and developing at-risk adolescents' reading comprehension on the Internet*. Symposium presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- *Carter-Hutchison, A., McVerry, G. (2008, November). *Year one work on the TICA project: Survey results and the taxonomy of online reading comprehension*. In D. Leu and D. Reinking (Chairs), *The TICA project: Teaching the new literacies of online reading comprehension to adolescents*. Symposium presented at the annual meeting of the National Reading Conference, Orlando, FL.
- *Carter-Hutchison, A. (2008, October). *Using open-ended and alternative format questions within web surveys to obtain accurate data: Benefits and challenges for data analysis*. Paper presented at the annual meeting of the Southern Association of Public Opinion Research, Raleigh, NC.
- Carter, A., O'Byrne, I. (2008, April). *Assessing factors related to off- and on-line reading comprehension*. In D. Leu and D. Reinking (Chairs), *Understanding Internet reading comprehension and its development among adolescents at risk of dropping out of school*. Symposium presented at the annual meeting of the American Education Research Association, New York, NY.
- *Carter, A., Leu, D., Malloy, J., Rogers, A., Zawilinski, L. (2007, November). *Towards a taxonomy of online reading comprehension strategies*. In D. Leu and D. Reinking (Chairs), *The TICA project: Teaching Internet comprehension to adolescents who are at risk to become dropouts*. Symposium presented at the annual meeting of the National Reading Conference, Austin, TX.

- *Carter, A., Headley, K., Brooker, H. (2007, November). “*Now I know how my kids feel*”: *Creating a community of writers in an online graduate course for teachers*. Paper presented at the annual meeting of the National Reading Conference, Austin, TX.
- *Leu, D., Reinking, D., Carter, A., Castek, J., Coiro, J., Henry, L., Malloy, J., Rogers, A., Zawalinski, L. (2007, April). *Defining online reading comprehension: Using think aloud verbal protocols to refine a preliminary model of Internet reading comprehension processes*. Paper presented at the annual meeting of the American Education Research Association, Chicago, IL.
- *Carter, A., & Reinking, D. (2006, December). *Tools for developing and administering online surveys about literacy*. Paper presented at the annual meeting of the National Reading Conference, Los Angeles, CA.
- *Carter, A., & Henry, L. A. (2006, December). *A survey of Internet usage and online reading: In school and out-of-school settings*. Paper presented at the annual meeting of the National Reading Conference, Los Angeles, California.
- *Beach, R., Carter, A., East, D., Johnston, P., Reinking, D., Smith-Burke, T., & Stahl, N. (2006, December). *Resisting commercial influences on accessing scholarship: What literacy researchers need to know and do*. Paper presented at the annual meeting of the National Reading Conference, Los Angeles, California.
- *Carter, A., Malloy, J., Mills, C. (2006, April). In their own words: What do adolescent students say about their Internet reading? In D. Leu and Dr. Reinking (Chairs), *Engaging All Students in the new literacies of online reading comprehension: What do we know? What should we teach? How should we teach?* Symposium presented at the annual meeting of the International Reading Association, Chicago, IL.
- *Henry, L.A., Carter, A., Mills, C., Rogers, A., & Witte, J. (2006, April). An online survey of Internet use among adolescents at risk of dropping out of school. In D. Leu and D. Reinking (Chairs), *Developing Internet reading comprehension strategies among adolescents at risk to become dropouts*. Symposium presented at the annual meeting of the American Education Research Association, San Francisco, CA.

Regional and State (Peer-Reviewed)

- Hutchison, A. (2018). *Coaching With the Technology Integration Planning Cycle*. Presentation at the Literacy Coaching Summit, George Mason University.
- Hutchison, A. (2013, October). *Creating digital literacy classes at your library*. Paper presented at the annual conference of the Iowa Library Association.
- Hutchison, A. (2012, April). *Exploring the use of the iPad for literacy learning*. Paper presented at the annual Iowa 1:1 Institute.
- *Carter, A., & Reinking, D. (2007, February). *Survey of Internet usage and online reading: In school and out-of-school settings*. Paper presented at the annual meeting of the South Carolina American Education Research Association, Columbia, SC.

KEYNOTE ADDRESSES

- Hutchison, A. (May, 2019). *Creating Empowered and Future-Ready Students with Digital Technology*. Presentation at the Clarke County Innovation Conference.

Hutchison, A. (February, 2019). *Coding to Learn*. Presentation to the Native English Teaching section of the Education Bureau of Hong Kong.

Hutchison, A. (April, 2018). *Digital Possibilities in STEM Education*. Presentation at the International Conference on Education in Mathematics, Science, and Technology, Marmaris, Turkey.

Hutchison, A. (June, 2016). *Bridging literacy and technology*. Presentation at the Annual Summer Literacy Conference at Northern Illinois University.

MEDIA

Interviews

Hutchison, A. (April 21, 2021). Helping children improve their writing. *Alexandria Gazette*.
http://www.alexandriagazette.com/news/2021/apr/21/helping-children-improve-their-writing/?mc_cid=3666c158aa&mc_eid=3bf3648421

Hutchison, A. (May 24, 2016). A look at 4th and 5th grade students' digital literacy skills. *Education Week*.
http://blogs.edweek.org/edweek/curriculum/2016/05/4th_5th_grade_digital_literacy_skills_study.html

Hutchison, A. (June 17, 2016). Tween online habits revealed. *School library journal*.
http://www.slj.com/2016/06/research/tween-online-habits-revealed/#_

Features/Mentions

<https://cehd.gmu.edu/news/stories/george-mason%E2%80%99s-hutchison-honored-by-international-literacy-association>

<https://cehd.gmu.edu/news/stories/preparing-k5-teachers-integrate-cs-standards>

<https://www2.gmu.edu/news/2018-10/research-helps-teachers-get-computer-program>

<https://www2.gmu.edu/news/2021-01/mason-partnering-amazon-provide-computer-science-education-teachers>

Feature on a Website

Research featured in *Education Week* article: I study how teachers collaborate online. Here's how they can do it better. <https://www.edweek.org/ew/articles/2019/12/06/i-study-how-teachers-collaborate-online-heres.html>

Work featured as a Resource for the Google for Education Transformation Center. Hopper, S. (2016). Bridging Theory and Practice: Technology Integration Planning Cycle.
<https://edutransformationcenter.withgoogle.com/resource/5081697594900480>

Featured Guest Blogger

Hutchison, A. & Woodward, L. (2016). A look at the Technology Integration Planning Cycle. *Iowa Reading Research Center Blog*. <https://iowareadingresearch.org/a-look-at-the-technology-integration-planning-cycle>

Featured Speaker on an Online Show

Hutchison, A. (2015). The Technology Integration Project. Featured Speaker on the Research to Practice Show Produced by the Literacy Research Association.
www.youtube.com/user/LiteracyResearch/live

Webinars

Hutchison, A. (2017). Panelist and moderator for “Your Proposal Has Been Accepted:” Writing Quality Proposals. *Literacy Research Association Special Webinar*.
https://www.youtube.com/watch?v=T_wjS9PVsh8&t=1856s

Hutchison, A. & Woodward, L. (2016). Bridging Technology and Literacy: Understanding Digital Reading and Writing Practices in Grades K-8. *Iowa Reading Research Center Research Webinar Series*.

Hutchison, A. (2013). Using the Digital Technology Integration Planning Cycle to Integrate iPads into Literacy Instruction. Produced by Follett Corporation.

Featured Speaker on a Podcast

Hutchison, A. (2013). Featured Speaker on Digitally Literate 001- The Internet is the Dominant Text. *Networked Learning Collaborative*. <http://wiobyne.com/digitally-literate-dl-001-the-internet-is-the-dominant-text/> <https://www.youtube.com/watch?v=GeVghR4if5g#t=14>

Interview featured on a Podcast

Hutchison, A. (2011). *Results from a U. S. national survey: Teachers’ perceptions of integrating Literacy and technology with Dr. Amy Hutchison*. Voice of Literacy Podcast.
<http://www.voiceofliteracy.org/posts/44575>. Has 9,173 view to date.

Presentation Featured on EduVision by Iowa Department of Education

Hutchison, A. (2012). Exploring the Use of the iPad for Literacy Learning.
<https://educateiowa.eduvision.tv/Default.aspx?q=h%252bbv42DLMWzSqOvAFrbhkA%253d%253d#.T5WXPZUwdWE>

OTHER INVITED TALKS

Hutchison, A., Ramos, K., and Shin, J. (2019). Innovation in Teaching English as An Additional Language. Presentation to the Hong Kong Education Bureau, Native English Teaching Section, Hong Kong.

Hutchison, A. (2018). Invited Speaker for the STEM Reasoning and Learning Panel at the International Conference on Education in Mathematics, Science, and Technology, Marmaris, Turkey.

Hutchison, A. (2018). Coaching with the Technology Integration Planning Cycle. Presentation at the George Mason University Coaching Summit.

EDITORSHIPS

2019 Editorial Advisory Board for Models, Practices, and Policies for Preparing Pre-service Teachers to Teach Computational Thinking and Computer Science. *Information Age Publishing*

2018 Guest Editor, International Journal of Education on Math, Science, and Technology, volume 6(2). Special Issue on Educational Uses of iPads and Tablets.

NOTEABLE LEADERSHIP ACTIVITIES AND ADVISORY ROLES

- 2021-Present Elected Faculty Representative for the Board of Visitors Research Committee, George Mason University
- 2021-Present Elected Faculty Representative for the University Research Committee, George Mason University
- 2020-Present Invited member of the Advisory Council for the Institute for Digital Innovation, George Mason University
- 2018-Present Director, Division of Elementary and Secondary Education
- 2018-Present Chair, Technology and Digital Communications Committee, Literacy Research Association
- 2017-18 Selected for the Leadership Legacy Program at George Mason University
- 2017-18 Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2017-Present Invited member of the National Advisory Council for the Center for Educational Transformation.
- 2016-17 Vice Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2016-18 Elected member, University Research Advisory Committee, George Mason University
- 2015-16 Program Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2015-17 Co-Chair, Literacy Research Association Area 10: Literacy, Technology, and Media
- 2014-16 Chair, Iowa Reading Research Center Advisory Board
- 2011-16 Director of Certificate Studies for the Literacy Coaching Certificate, Department of Curriculum and Instruction, College of Human Sciences, Iowa State University
- 2011-12 Faculty mentor for Freshman Learning Community in education, College of Human Science, Iowa State University
- 2011-16 Area Chair for literacy program. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University

NATIONAL AND INTERNATIONAL ADVISORY BOARDS

- 2020-Present Invited member of the Advisory Council for the Institute for Digital Innovation, George Mason University
- 2018-20 Invited member of the National Center for Educational Statistics Ed Tech Equity Initiative Expert Panel

- 2017-Present Invited member of the National Advisory Council for the Center for Educational Transformation.
- 2017-Present Invited member of the International Literacy Association Digital Literacies Task Force
- 2013-14 Invited member of the Read-Write-Think Mobile Learning Panel, *International Reading Association*.

SERVICE TO THE PROFESSION

- 2019-present External reviewer for promotion and tenure cases: University of Massachusetts, Amherst; University of Missouri; Georgia State University; University of Hawai'i, Mānoa.
- 2019-present Invited member, *Journal of Literacy Research* Abstract Review Committee
- 2018-present Invited member of editorial review board, *International Journal of Research in Education and Science*.
- 2018-present Chair, Technology and Digital Communications Committee, Literacy Research Association
- 2017-present Invited member of editorial review board, *Reading Research Quarterly*
- 2017 Invited Guest Editor, *The International Journal of Education in Mathematics, Science, and Technology*, Special Issue on iPads in Education.
- 2017-2018 Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2016-2017 Vice Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2016-2017 Research Advisory Board, Center for Educational Transformation, University of Northern Iowa
- 2016-2017 Member, Publications Committee, Literacy Research Association
- 2016 Grant proposal reviewer, Ministry of Research and Innovation, Ontario Research Fund
- 2015-2016 Program Chair, American Educational Research Association, Technology as an Agent of Change Special Interest Group
- 2015 Member, Search Committee for Director, Iowa Reading Research Center
- 2015-2016 Member, Intensive Summer Reading Program Vetting Group, Iowa Department of Education and Iowa Reading Research Center
- 2015-2017 Co-Chair, Literacy Research Association Area 10: Literacy, Technology, and Media

2015-present	Member, Small Task Team for identifying literacy resources for families who speak English as a second language, Iowa Reading Research Center.
2014-2016	Chair, Iowa Reading Research Center Advisory Board
2014-Present	Member, Small Task Team for Identifying Family Resources, Iowa Reading Research Center
2014	Reviewer, Family Resource Selections, Iowa Reading Research Center
2014	Proposal Reviewer. <i>Area 10: Literacy and Technology/Media</i> , Literacy Research Association Conference, December 2014.
2013-2016	Member, Iowa Reading Research Center Advisory Board
2014-2015	Secretary/Treasurer for American Educational Research Association, Technology as an Agent of Change Special Interest Group
2013-Present	Member, Iowa Reading Research Center Advisory Board.
2013-2014	Read-Write-Think Mobile Learning Panel, <i>International Reading Association</i> .
2013	Grant Reviewer, Louisiana Board of Regents, New Initiatives Funding Program.
2011-2014	Member, Technology Committee, Literacy Research Association
2011-2014	Member, Steering Committee, Ames Reads community initiative
Fall 2012	Proposal Reviewer. International Society for Technology in Education, Annual Conference, June, 2013.
Spring 2012	Proposal Reviewer. <i>Area 10: Literacy and Technology/Media, Area 12: Other Topics</i> . Literacy Research Association, December, 2012.
Spring 2011	Proposal Reviewer. <i>Area 10: Literacy and Technology/Media, Area 12: Other Topics</i> . National Reading Conference, December, 2011.
Fall 2010	Proposal Reviewer. <i>Division K: Teaching and Teacher Education</i> . American Education Research Association, Annual Research Conference, April 2011.
2009-2011	Member, Field Council, Literacy Research Association
Spring 2009	Proposal Reviewer. <i>Area 10: Literacy and Technology/Media</i> . National Reading Conference, December 2009.
2006-Present	Member, Ad Hoc Committee on Accessing Literacy Scholarship Online. National Reading Conference.
Fall 2008	Proposal Reviewer. American Association of Public Opinion Research, Annual Research Conference, May 2009.

- Spring 2007 Proposal Reviewer. *Division K: Teaching and Teacher Education*. American Education Research Association, Annual Research Conference, April 2007.
- Fall 2007 Proposal Reviewer. *Area 12: Other Topics*. National Reading Conference, December, 2008.
- Fall 2007 Proposal Reviewer. *Area 10: Literacy and Technology/Media*. National Reading Conference, December 2007.

EDITORIAL REVIEW BOARDS AND GUEST REVIEWS

- 2019 Invited member, Editorial Review Board, *Information Technology for Development*
- 2019 Reviewer, *Journal of Teacher Education*
- 2018 Reviewer, *Journal of Digital Learning in Teacher Education*
- 2018 Reviewer, *Action in Teacher Education*
- 2018-Present Reviewer, *Journal of Computer Assisted Learning*
- 2017 Reviewer, American Education Research Association conference
- 2017 Reviewer, *Technology, Pedagogy, and Education*.
- 2017 Invited Guest Editor, *The International Journal of Education in Mathematics, Science, and Technology*, Special Issue on iPads in Education.
- 2017 Invited member, Editorial Review Board, *Reading Research Quarterly*
- 2016-Present Invited member, *Journal of Research on Technology in Education*
- 2016- Present Invited member, Editorial Review Board, *Action in Teacher Education*.
- 2015-Present Invited member, Editorial Review Board, *Journal of Adolescent and Adult Literacy*
- 2015-Present Invited member, Editorial Review Board, *Literacy Research: Theory, Method, Practice*
- 2015-Present Invited member, Editorial Review Board, *Journal of Digital Learning in Teacher Education*
- 2017 Reviewer, *The Internet and Higher Education*
- 2015-Present Reviewer, *International Journal of Education in Mathematics, Science, and Technology*
- 2015 Reviewer, *Educational Administration Quarterly*
- 2013 Reviewer, *Journal of Educational Media, Memory and Society*
- 2012-present Reviewer, *Education and Information Technologies*

- 2012- Present Reviewer, *Teaching and Teacher Education*.
- 2010-2013 Editorial Review Board, *Yearbook of the Literacy Research Association*
- 2008 Reviewer, *The Sociological Quarterly*

SERVICE TO THE COLLEGE/UNIVERSITY

- 2021-2022 Research Administration PI Advisory Committee, George Mason University
- 2021-Present Elected Faculty Representative for the University Technology Policy Committee, George Mason University
- 2021-Present Elected Faculty Representative for the University Research Committee, George Mason University
- 2021-Present Elected Faculty Representative for the Board of Visitors Research Committee, George Mason University
- 2020-21 Member, Faculty search committee on Anti-Racism and Inclusive Excellence, George Mason University
- 2019-20 Member, STEM Pathways working group, George Mason University
- 2018-Present Member, Educator Preparation Council, George Mason University
- 2018 Member, Faculty Evaluation Committee, George Mason University
- 2018-20 Appointed Member, Institute for Digital Innovation working group, George Mason University
- 2017-20 Member, University Writing Across the Curriculum Committee, George Mason University
- 2017 Member, New Faculty Committee, George Mason University
- 2016-Present Elected member, University Research Advisory Committee, George Mason University
- 2016 Member, Early Childhood Faculty Search Committee, College of Education, George Mason University
- 2016-Present Member, PhD Committee, College of Education, George Mason University
- 2015 Chair, Literacy Faculty Search Committee, School of Education, Iowa State University
- 2015 Chair, Literacy Faculty Search Committee, School of Education, Iowa State University
- 2015 Member, Undergraduate Studies Committee, School of Education, Iowa State University
- 2015 Member, Computer Advisory Committee, School of Education, Iowa State University

- 2014 Co-Chair, Search Committee for the Esther C. Harmon Endowed Professorship in Dual Language Immersion, School of Education, Iowa State University
- 2014 Member, Undergraduate Studies Committee, School of Education, Iowa State University
- 2014 Featured Speaker for Freshman Learning Community, School of Education, Iowa State University
- 2014 Member, Action Committee for King & Moulton School Partnership, School of Education, Iowa State University
- 2013 Member, Director of Teacher Education Search Committee, School of Education, Iowa State University
- 2013 Member, High Impact Hire Initiative Search Committee for Literacy Faculty, School of Education, Iowa State University
- 2012 Member, Students Affairs Faculty Search Committee, School of Education, Iowa State University
- 2012 Technology Advisory Committee for the School of Education. College of Human Sciences, Iowa State University.
- 2012 Educational Leadership and Policy Studies Postdoctoral Fellow Search Committee. Department of Educational Leadership and Policy Studies, College of Human Sciences, Iowa State University.
- 2011-present Director of Certificate Studies for the Literacy Coaching Certificate. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.
- 2011-2012 Faculty mentor for Freshman Learning Community in education. College of Human Science, Iowa State University.
- 2011 Area Chair for literacy program. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.
- 2011 Literacy Faculty Search Committee. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.
- 2011 Developed online training module for America Reads, College of Human Sciences, Iowa State University.
- 2011-12 Teaching Evaluation Review Committee. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.
- 2010 Literacy Faculty Search Committee. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.
- 2010-Present Undergraduate Studies Committee, Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.

2009-10 Computer Advisory Committee. Department of Curriculum and Instruction, College of Human Sciences, Iowa State University.

UNIVERSITY TEACHING EXPERIENCE

Instructor, EDRD 833 (online synchronous course): Literacy and Learning in the Digital Age, George Mason University

Instructor, EDUC 896 (online asynchronous course): Digital and New Media Literacies, George Mason University

Instructor, EDRD 632 (school-based face to face course): Literacy Assessments and Interventions for Groups, George Mason University

Instructor, EDRD 672 (online asynchronous course): Human Development and Learning: Secondary Education, George Mason University

Instructor, EDRD 619 (hybrid flipped course): Literacy in the Content Areas, George Mason University

Instructor, CI 555 (online course): Literacy, Leadership and Advocacy, Iowa State University

Instructor, CI 591M (online course): Literacy Coaching Practicum, Iowa State University

Instructor, CI 378 (face to face course): The Teaching of Reading and Language Arts in the Intermediate Grades, Iowa State University

Instructor, CI 554 (face to face course): Reading and Responding to Literature for Children & Adolescents, Iowa State University

Instruction, CI 568 (online course): New Media Literacies: Understanding Research and Practice, Iowa State University

Instructor, CI 551 (face to face course): Foundations of Literacy Instruction, Iowa State University

Instructor, CI 588 (school-based face to face course): Supervised Tutoring, Iowa State University

Instructor, READ 459 (face to face course): Teaching Reading in the Early Grades, Eugene T. Moore School of Education, Clemson University

Co-Instructor, READ 869 (online course): The Reading-Writing Connection: An Integrated Approach, Eugene T. Moore School of Education, Clemson University

WORKSHOPS/INVITED PRESENTATIONS

Fall 2014 Hutchison, A. *Using the Technology Integration Planning Cycle to Plan Instruction*. Ankeny Community School District, Ankeny, IA.

Fall 2014 Hutchison A. Teacher Workshop, Northview Middle School, Ankeny Community School District, Ankeny, IA.

Fall 2014 Hutchison, A. Teacher Workshop, Northwest Elementary School, Ankeny Community School District, Ankeny, IA.

- Fall 2014 Hutchison, A. Teacher Workshop, East Elementary School, Ankeny Community School District, Ankeny, IA.
- Fall 2014 Hutchison, A. Teacher Workshop, Prairie Ridge Middle School, Ankeny Community School District, Ankeny, IA.
- Fall 2014 Hutchison, A. Teacher Workshop, Prairie Trail Elementary School, Ankeny Community School District, Ankeny, IA.
- Fall 2014 Hutchison, A. Teacher Workshop, Rock Creek Elementary School, Ankeny Community School District, Ankeny, IA.
- Fall 2014 Hutchison, A. Teacher Workshop, Terrace Elementary School, Ankeny Community School District, Ankeny, IA.
- Fall 2014 Hutchison, A. Teacher Workshop, Westwood Elementary School, Ankeny Community School District, Ankeny, IA.
- Spring 2014 Hutchison, A. *Designing and Conducting Survey Research in Education*. Seminar in Educational Inquiry, School of Education, Iowa State University.
- Fall 2013 Hutchison, A. *Results of the State Literacy Needs Assessment*. Presentation to the Iowa Reading Research Center Advisory Board, Des Moines, Iowa.
- Spring 2013 Hutchison, A. *Designing and Conducting Survey Research in Education*. Seminar in Literacy Research Methods, University of Delaware.
- Spring 2013 Hutchison, A. *Using iPads to Meet Common Core Literacy Goals*. Workshop presented at Fellows Elementary School, Ames, IA.
- Spring 2013 Hutchison, A. *Designing and Conducting Survey Research in Education*. Seminar in Educational Inquiry, Department of Curriculum and Instruction, Iowa State University.
- Fall 2012 Hutchison, A. *Becoming a Scholar*. Education Seminar, Eugene T. Moore School of Education, Clemson University, SC.
- Fall 2012 Hutchison, A. *Technology in the K-2 Literacy Classroom*. Professional Development, Fellows Elementary School, Ames, IA.
- Spring 2012 Hutchison, A. *Using iPads in Language Arts Instruction*. Workshop, Gilbert Community School District, Gilbert, IA.
- Spring 2012 Hutchison, A. *Designing and Conducting Survey Research in Education*. Seminar in Educational Inquiry, Department of Curriculum and Instruction, Iowa State University.
- Spring 2011 Coffey, G. & Hutchison, A. (2011, April). Developing Leading STEM Educators Through a Coherent and Interdisciplinary Education Program. Poster presented at Miller Faculty Fellowship Recognition, Center for Excellence in Learning and Teaching (CELT), Iowa State University.

- Fall 2011 Hutchison, A. *I do not like to write. I like to have written*. Technology Education Seminar, Department of Curriculum and Instruction, Iowa State University.
- Spring 2011 Hutchison, A. *Utilizing the iPad for Reading*. Workshop, North Polk Elementary School, Polk City, IA.
- Spring 2011 Hutchison, A. *iPad Apps for Reading in the Social Studies Classroom*. Workshop, Gilbert Middle School, Gilbert, IA.
- Fall 2009 Hutchison, A. *Evaluating Online Professional Development*. Workshop, Ames Community School District, Ames, IA.
- Fall 2009 Hutchison, A. *Developing Online Professional Development*. Workshop, Community School District, Ames, IA.
- Fall 2009 Hutchison, A., & Mokhtari, M. *A Discussion about Literacy and STEM: Future Directions*. Teacher Education Seminar, Department of Curriculum and Instruction, Iowa State University.
- Spring 2008 Invited Speaker, ED 901: Doctoral Seminar: Design Experiments, Eugene. Moore School of Education, Clemson University
- Fall 2007 Carter, A., Malloy, J., Robbins, K., & Rogers, A. *Understanding Internet reading comprehension and its development among adolescents at risk of dropping out of school*. Meeting of the Consortium for Advancing Interdisciplinary Research on Human Opportunity, Clemson, South Carolina.

CONSULTING

- Spring 2013 Professional Reviewer for Routledge publishing.
- Spring 2009 Professional Reviewer for Pearson Learning, textbook division.
- 2006-2007 Developed computer-based reading curriculum for In2Books, a non-profit organization that encourages reading among low-income students (www.in2books.com).
- Spring 2006 Evaluated text and image content of digital reading programs for Pearson Digital Solutions
- 2005-2006 Analyzed readability of texts and developed leveled passages for In2Books.

PROFESSIONAL ACTIVITES/TRAINING

- 3D Printing Workshop, George Mason University, 2018
- Faculty Online Course Conversion Workshop, Iowa State University, Summer 2011.
- Developing an Online Distance Course, Training at Clemson University, Clemson, South Carolina, Fall 2008.
- NVivo7 Qualitative Data Analysis Software, Training in Athens, Georgia, August, 2007.

SPSS syntax and coding training, Clemson University, Clemson, South Carolina, Spring 2006.

Camtasia Software Training, Clemson University, Clemson South Carolina, Fall 2005.

OnQ Web Survey System training with Dr. James Witte, Clemson University, Clemson, South Carolina, Fall 2005.

Survey Development training with Dr. James Witte, Clemson University, Clemson, South Carolina, Fall 2008.

PROFESSIONAL AFFILIATIONS

American Education Research Association (AERA)

Association for Educational Communications and Technology (AECT)

International Literacy Association (ILA)

International Society for Technology in Education (ISTE)

Literacy Research Association (LRA)

Society for Instructional Technology In Teacher Education (SITTE)

GRANTS SUBMITTED BUT NOT FUNDED

2021 Senior Personnel (pending proposal), National Science Foundation, *AI Institute: Institute for Inclusive Human-AI Collaboration*, (\$19,999,500)

Summer 2020 PI, Spencer Foundation, Understanding and responding to COVID-caused Interruptions in the Learning of Students with Autism Spectrum Disorder: Parental and Expert Voices. (\$50,000).

Fall 2017 PI, National Science Foundation, Project **M**aking **A**rguments with **D**igital **E**vidence, (\$2,941,676).

Fall 2017 Co-PI, Institute of Education Sciences, *WEGO–DiGiTaL: Writing Efficiently with Graphic Organizers – Data-driven decision making, Gaming, Technology, and Learning*, (\$1,399,768)

Fall 2017 PI, National Science Foundation, Seeing Science: Using Photovoice to Help Children See Science in their Communities and Everyday Lives, (\$299,510).

Fall 2017 PI, Education Bureau of Hong Kong, Proposal to advise the Planning, Implementation, and Evaluation of the Collaborative Research and Development Project on Coding to Learn. (\$47,192).

Fall 2017 PI, Expanding Computing Education Pathways Alliance, *Examining the State of Computing Education in Virginia*. (\$24,956).

Spring 2017 Co-PI, Office of Special Education Programs/U.S. Department of Education, *WEGO–DiGiTaL: Writing Efficiently with Graphic Organizers – Data-driven decision making, Gaming, Technology, and Learning*, (\$2,499,446).

Fall 2016 PI, National Science Foundation, *Science Stories: Using Photovoice to Help Children See Science in Their Communities and Everyday Lives*, (\$256,857).

- Fall 2016 Co-PI, State Council of Higher Education for Virginia, State Council of Higher Education for Virginia, *Integrating Literacy, Mathematics, and Technology for Disciplinary Learning*. (\$131,665).
- Fall 2016 Co-PI, NSF ITEST Grant, *Using Game-based Instruction to Broaden the Playing Field in STEM*. (\$1,076,694).
- Fall 2013 Co-PI, National Science Foundation Research Experience for Teachers Grant. *STEM Opportunities in Real World Application*. (\$500,000)
- Spring 2013 Co-PI, Agriculture & Food Research Initiative, USDA. *Improving Community Health Literacy*. (~\$5,000,000).
- Spring 2010 Co-PI, National Science Foundation Grant. *GK12: Integrating Computational Thinking into Science and Mathematics*. (~\$3,000,000).
- Spring 2010 Co-PI, Investing in Innovation Grant. *2TAP: Technology for Teaching, Achievement and Progress Absolute Priority*. (~\$5,000,000).