KEVIN MATTHEW OLIVER

Department Head
Department of Teacher Education & Learning Sciences
College of Education, North Carolina State University
Office Phone: 919-515-6229
Google: scholar.google.com/citations?user=ect6PnwAAAAJ

E-mail: kmoliver@ncsu.edu
Web: kevoliver.weebly.com
Twitter: twitter.com/rdukevin
LinkedIn: linkedin.com/in/rdukevin
ORCid: orcid.org/0000-0001-8463-0621

DEGREES AND LICENSES

Aug 2007	N.C. Professional Education License, Instructional Technology Specialist (077)
May 1999	Ph.D. Instructional Technology, University of Georgia, Athens
May 1993	M.Ed. Educational Media & Instructional Design, School of Education, UNC-Chapel Hill
May 1990	B.S. Communications, Advertising concentration, University of Tennessee, Knoxville

WORK EXPERIENCE AND TRAINING

Full-Time Positions

2022-present	Department Head, Teacher Education and Learning Sciences (TELS), College of Education, North Carolina State University
2005-2022	Professor, Learning Design & Technology, North Carolina State University (promoted from Associate Professor to Professor in fall 2017); Coordinator of LDT Undergraduate Program (2019-present); Past Coordinator of LDT Doctoral Program (2008-2015, 2018-2022), Master's Program (2008-2015), and Learning Analytics Certificate (2018-2021); Past Coordinator of College Distance and Remote Learning Task Force (2020-2022)
2004-2005	Instructional Technologist, College of Agriculture and Life Sciences, NC State University
2002-2004	Co-Director, Southeast Regional Technology in Education Consortium (RTEC), SERVE Regional Education Lab (REL), UNC-Greensboro
1999-2002	Instructional Design and Evaluation Specialist, Educational Technologies, Virginia Tech
1998-1999	Instructor, Curriculum and Instruction, Southern Illinois University at Carbondale
1993-1994	Educational Media Specialist, UNC-Chapel Hill School of Nursing
1990-1991	Senior Photographic Technician, College of Veterinary Medicine, UT-Knoxville

Visiting Appointments

Nov 2017	Visiting Lecturer, Charles University Faculty of Education, Department of Information Technology and Technical Education, Prague, Czech Republic. Collaborators: Miroslava Cernochova, Tomas Jerabek.

Internships

Dec 1996	Knowledge Pointe, Atlanta, GA, developed CBT modules for Prudential (part-time)
Sum 1996	Horizon Interactive, Athens, GA, developed help screens for telecom training (part-time)
Fall 1995	Air Force Academy, Center for Educational Excellence, Colorado Springs, CO, trainer on HTML, evaluator of problem-based learning engineering course (full-time)
Spring 1993	Xerox Document University, Leesburg, VA, competitive residential internship, developed technical facilitator guides for training on scanners, image filing, and networks (full-time)
Sum 1992	World Institute for Computer-Assisted Training (WICAT), Morrisville, NC, storyboarding, editing CBT scripts for transportation industry (part-time)

Selected Short Courses, Continuing Education

2023	Leading and Influencing as a Department Chair, Academic Impressions

2022	Maximizing Your Leadership Potential, Center for Creative Leadership
2021	Articulate Storyline Essential Training, LinkedIn Learning
2021	Online Course Improvement Program (OCIP), Prep for QM Quality Review, NC State
2021	Peer Reviewer Course (PRC), Quality Matters (QM)
2020	Simple Collection and Powerful Analysis of Twitter Data Using R, AECT
2020	GIS in the Humanities Classroom, Short Course, National Humanities Center, RTP, NC
2020	Applying the Quality Matters Rubric (APPQMR), Short Course, DELTA, NC State
2019	Data Visualization with R Studio, NC State Libraries
2019	Visualizing Survey Data in Tableau, NC State Libraries
2016	3D Design and Printing in the Classroom; Code in the Classroom, UNC-G School of Ed
2014	Tinkering Fundamentals: A Constructionist Approach to STEM Learning, Exploratorium MOOC, Received Statement of Accomplishment with Distinction
2013	ATLAS.ti Qualitative Analysis Software, Short Course, Odum Institute, UNC-Chapel Hill
2012	Social Network Analysis, Friday Institute, NC State University
2012	Social Network Analysis, Odum Institute, UNC-Chapel Hill
2006	ATLAS.ti and NVIVO Qualitative Analysis Short Courses, SdG Associates, Boston
2004	Facilitating and Implementing Online Professional Development, Online Course, EDC

Graduate Assistantships

| 1994-1998 | Graduate Assistant, University of Georgia, maintained computer labs for tutorial center; taught basic instructional media competencies (undergraduate) and multimedia (graduate); supported Learning and Performance Support Lab (LPSL) as facilitator of technology workshops, grant writer, and web master |
| 1991-1992 | Graduate Assistant, School of Education, UNC-Chapel Hill, managed equipment room, monitored computer lab, preventative maintenance of master classroom technology |

SPONSORED GRANTS AND CONTRACTS

In 18 years at NC State, my research has focused on three themes: 1) technical-analytical approaches to represent cultural-historical information and disinformation toward enhanced understanding and empowerment; 2) quality distance learning and virtual schooling; and 3) STEM learning in informal after-school settings (e.g., makerspaces, robotics clubs).

External Awards Funded as PI or Co-PI (reverse chronological)

Oliver, K. (2022 calendar year). *UNC System Faculty Fellowship*. $29,000 from Division of Academic Affairs, UNC System Office, in two partial course releases and summer salary.

Oliver, K., Barrier, R., & Newby, P. (2020-2023). *Programmed robotics in the school makerspace (PRISM): A four-county initiative*. Burroughs Wellcome Fund, $177,468. https://programmedrobotics.weebly.com

Oliver, K., & Wiseman, A. (summer 2020-present). *Cultural investigations and digital representations for educators (CIDRE).* Recurring annual award from the Triangle Community Foundation's Borchardt Fund, $241,375 through summer 2023. https://cidre.weebly.com

Mott, B., Minogue, J., & **Oliver, K.** (2019-2022). *Building a computational thinking foundation in upper elementary science with narrative-centered maker environments*. National Science Foundation, STEM + Computing K-12 Education, $1,586,707. http://projects.intellimedia.ncsu.edu/InfuseCS/

Wiseman, A., Kervin, L., Mantei, J., & **Oliver, K.** (2019-20). *Using digital literacy tools to document children's understanding of place.* University Global Partnership Network (UPGN), $20,000.

Oliver, K., & Pritchard, R. (2016-19). *Preparing teachers for cultural connections, collections, and reflections through technology*. Triangle Community Foundation Borchardt Fund, $279,904. https://finlandccr.weebly.com, https://swedenccr.weebly.com, https://czechccr.weebly.com

Oliver, K., & Wiebe, E. (2016-19). *Innovative exploration of science and technology (iNEST).* Burroughs-Wellcome Fund, $177,428. https://makingclub.weebly.com

Oliver, K. (2015). *Preparing teachers for global collaborations with technology.* Triangle Community Foundation Borchardt Fund, $6538.

Oliver, K., & Kellogg, S. (2013). *Social network formation and its impact on learning in MOOC-Eds.* MOOC Research Initiative (Athabasca University, Bill and Melinda Gates Foundation), $24,996.

Pritchard, R., & **Oliver, K.** (2013). *New literacies: Literal and virtual learning through cross-cultural connections.* Triangle Community Foundation Borchardt Fund, $139,085. https://surreyteachers2014.weebly.com/

Williams, L., Murphy-Hill, E., & **Oliver, K.** (2013). *Motivating and reaching students and professionals with software security education.* National Science Foundation, $300,000.

Oliver, K. (2012). *Mobile learning course development for IMPACT in the Classroom Initiative.* North Carolina Department of Public Instruction, $4,780.

Osborne, J., **Oliver, K.,** & Brady, K. (2009). *North Carolina Virtual Public School strategic plan evaluation.* North Carolina Department of Public Instruction, $225,001.

Osborne, J., **Oliver, K.,** & Brady, K. (2008). *Evaluation of the NC Virtual Public School.* North Carolina Department of Public Instruction, $71,315.

External Awards Funded as Contributor with Percent Effort (reverse chronological)

Dunn, R., Lowman, M., Corn, J., Thompson, A., & Duncan, A. (2013, Percent Effort). *Students Discover: Improving Middle School STEM Outcomes through Scaling Citizen Science Projects.* National Science Foundation, $7,800,000.

Kleiman, G., Stallings, D. T., & Corn, J. (2011, Percent Effort). *Race to the Top Evaluation.* Subcontract to UNC-Greensboro, via North Carolina Department of Public Instruction. $3,061,092.

Corn, J., Mollette, M., & Overbay, A. (2010, Percent Effort). *Statewide Evaluation of North Carolina's Enhancing Education Through Technology Competitive Grant: IMPACT Continuation.* Subcontract to North Carolina Department of Public Instruction, via U.S. Department of Education. $691,449.

Corn, J., Osborne, J., & Kleiman, G. (2009, Percent Effort). *Evaluation of North Carolina's One-to-One Laptop Pilot* Program. Subcontract to North Carolina Department of Public Instruction, via State of North Carolina. $200,000.

Corn, J., Osborne, J., & Holcomb, L. (2008, Percent Effort). *Evaluation of North Carolina's One-to-One Laptop Pilot.* Subcontract to North Carolina Department of Public Instruction, via State of North Carolina. $200,000.

External Awards Submitted, Not Funded (reverse chronological)

Williams, L., & **Oliver, K.** (2021). *Everyday security: Cybersecurity education for K-120.* National Science Foundation, Secure and Trustworthy Cyberspace (SaTC) Program. $400,000.

Wiseman, A., & **Oliver, K.** (2021). *Interdisciplinary, community-engaged, locative storytelling toward social justice.* Braitmayer Foundation, $34,523.

Evans, M., & **Oliver, K.** (2017). *After school makerspaces as catalysts for computational thinking, design thinking, and data literacy proficiency among minority high school girls.* National Science Foundation, $299,940.

Mott, B. W., Minogue, J., & **Oliver, K.** (2017). *Building a computational thinking foundation in upper elementary science: Narrative-centered maker activities with DIY computing.* National Science Foundation, $1,249,645.

Johnson, L, & Bustle, M. (2017). *Chilean educators: English and technology training program.* U.S. Embassy, Santiago, Public Diplomacy Small Grant, $39,773. [Role: Senior Personnel]

Evans, M. E., **Oliver, K.,** & Schnittka, C. (2016). *After school integrative STEM and maker clubs: Broadening participation of underrepresented minority youth in rural North Carolina.* National Science Foundation, $1,437,221.

Vogel, K. M., Cobb, M. D., & **Oliver, K.** (2015). *The Anthrax Diaries: Personal and moral histories of U.S. and Soviet bioweapons scientists*. National Science Foundation, $323,495.

Oliver, K., Corn, J., Gray, D., & Lobaton, E. (2014). *Mentoring, Engagement, and Engineering Technology in Robotics (MEET Robotics).* National Science Foundation (ITEST), $1,195,056.

Vogel, K. M., Cobb, M. D., **Oliver, K. M.,** & Herkert, J. R. (2014). *The Anthrax Diaries: The personal and moral histories of U.S. and Soviet bioweapons scientists*. National Science Foundation, $1,783,545.

Oliver, K., Corn, J., & Gray, D. (2012). *Mentors, Engineers, Educators, and Teamwork in Robotics (MEET Robotics).* National Science Foundation (ITEST), $1,192,423.

Corn, J., & **Oliver, K.** (2011). *Exploring virtual options for low achieving high school students.* U.S. Department of Education, $1,552,365.

Oliver, K., & Corn, J. (2011). *Mentors, Engineers, Educators, and Teamwork in Robotics (MEET Robotics).* National Science Foundation (ITEST), $1,315,387.

Oliver, K., & Corn, J. (2011). *Multiple instrumental case studies of inclusive, STEM-focused high schools: Opportunity structures for preparation and inspiration (OSPrI).* Subcontract for the George Washington University, via National Science Foundation. $148,027.

Corn, J., Mollette, M., & **Oliver, K.** (2010). *Exploring the long-term effects of a student laptop initiative on student achievement, school effectiveness, and community/economic development*. National Science Foundation (NSF), $437,574.

Corn, J., **Oliver, K.,** & Mollette, M. (2010). *Hybrid virtual solution to turnaround schools*. U.S. Department of Education, evaluation subcontract from Florida Virtual School, $749,996.

Oliver, K., & Mollette, M. (2010). *Exemplary teaching in virtual schooling (E-TVS).* U.S. Department of Education, evaluation subcontract from Kent State University, $104,405.

Lee, J., Young, C., **Oliver, K.,** & Manfra, M. (2009). *Historical action network for a democratic society: Online now (HANDS-ON).* MacArthur Foundation, $130,479.

Oliver, K., Lee, J., & Young, C. (2008). *Interpreting 19th century plantation life*. National Endowment for the Humanities (NEH), $199,427.

Pritchard, R., **Oliver, K.,** & Holley, G. (2008). *Making reflection a habit: Sustaining new teachers with Web 2.0 communities*. Braitmayer Foundation, $10,000.

Brady, K., **Oliver, K.,** Holcomb, L., & Young, T. (2006). *Enhancing student e-portfolio instructor assessment using tablet PCs in undergraduate pre-service teacher education preparation programs*. Microsoft Corporation, $119,615.

Oliver, K. (2006). *Collaborative student concept mapping of environmental problem relationships*. Environmental Protection Agency (EPA), $14,426.

Internal Awards Funded as PI or Co-PI (reverse chronological)

Oliver, K. & Manfra, M. (2022). *Thematic analysis of Charlotte Hawkins Brown State Historic Site papers.* College of Education, Part-Time Graduate Student Research Experience Funds, ~$2000.

Manfra, M., & **Oliver, K.** (2022). *History explorers: Developing content-rich inquiry tours with state museums and historic sites.* College of Education Summer Grant Writing Program, $3000.

Oliver, K. & Manfra, M. (2022). *Sites of schooling inequity.* NC State DELTA Virtual Tours Grant. $2000 in expenses plus in-kind technical support from DELTA.

Jones, T., Byrd, C., Denson, C., Dunbar-Shipp, A., **Oliver, K.,** & Wiseman, A. (2022). *Leveraging technological innovations to support equity and access in teaching and learning.* NC State's Non-Laboratory Scholarship/Research (NSRP) Support Program, $8003.76.

Oliver, K., Wiseman, A., & Byrd, C. (2021, May). *Meeting of the Minds*. Three days summer salary each to co-plan with faculty in STEM and ELPHD a new center in the college to support technical entrepreneurial development (e.g., software, apps). College of Education.

Oliver, K. (2021-22 academic year). *Faculty Mentor*. NC State-DELTA QM Online Course Improvement Program (OCIP), $5000 supplemental salary.

Oliver, K. (2021-22 academic year). *Training future maker leaders*. NC State's Instructional Resources for Excellence Grants (ETF Technology Funding for Courses), $142.

Oliver, K. (2021, spring semester). *Accepted Participant.* NC State-DELTA QM Online Course Improvement Program (OCIP), $4000 supplemental salary.

Oliver, K. (2020-21 academic year). *Powtoon subscription.* NC State's Instructional Resources for Excellence Grants (ETF Technology Funding for Courses), $192.

Oliver, K. (2018). *Immersive narrative.* Accepted Application for NC State's NSF iCorps Site to needs assess new education app, $3000 expenses and travel.

Oliver, K. (2015-16 academic year). *Maker kit consumables.* NC State's Instructional Resources for Excellence Grants (ETF Technology Funding for Courses), $904.44.

Oliver, K. (2015). *Teaching 3d design and printing in an informal learning course.* Technology Incubator Grants for i3@UNC Alumni. University of North Carolina System, $974.

Oliver, K. (2014-15 academic year). *Maker kit consumables.* NC State's Instructional Resources for Excellence Grants (ETF Technology Funding for Courses), $891.28.

Oliver, K. (2006). *Promoting scientific thinking through collaborative online concept mapping*. NC State's Faculty Research and Professional Development (FRPD) Fund, $5000.

Oliver, K. (2006). *Theoretical perspectives on advanced multimedia design*. NC State's Innovation in Distributed Education Applications (IDEA) Grant, $8000.

Oliver, K. (2006). *Faculty technology practices database*. NC State's Learning in a Technology Rich Environment (LITRE) Grant, $6000.

Oliver, K., & Holcomb, L. (2005-06 academic year). *Instructional technology multimedia examples*. ETF Funding for Courses, $1937.

Oliver, K., & Raubenheimer, D. (2005). *Collaborative online concept mapping*. NC State's Learning in a Technology Rich Environment (LITRE) Grant, $2500.

Meeks, H., & **Oliver, K.** (2004). *Wireless proximity services on location in student teaching facilities*. NC State's Learning in a Technology Rich Environment (LITRE) Grant, $3500.

Internal Awards Submitted, Not Funded (reverse chronological)

Jiang, S., Kellogg, S., & **Oliver, K.** (2019). *Developing an online certificate for preparing data scientists in STEM education*. NC State University: STEM Education Initiative, $43,432.

Oliver, K., & Manfra, M. (2018). *Interdisciplinary approaches to computational thinking: Developing a grant proposal to offer a joint workshop*. NC State University: Office of Global Engagement Internationalization Seed Grant.

Oliver, K., & Lee, J. (2008*). E-learning/Online initiatives: Enabling student analysis of primary source documents*. UNC General Administration, $25,809.

PUBLICATIONS
publications with graduate students

Citation Indices

Google Scholar Criteria*	All	Since 2018
number of citations	n=5629	n=1756
h index (h publications have at least h citations)	28	20
i10 index (number of pubs with at least 10 citations)	47	32

Source: Google Scholar, June 7, 2023, https://scholar.google.com/citations?user=ect6PnwAAAAJ

Journal Articles (reverse chronological)

*Boulden, D., **Oliver, K.,** Catete, V., Lytle, N., Barnes, T., & Wiebe, E. (under review). An investigation of distributed leadership practices for school-wide professional learning on computing integration. *Teaching and Teacher Education: Leadership and Professional Development.*

Oliver, K. M., Wiseman, A. M., & Greer-Banks, C. (2021). Preparing educators for culturally responsive teaching through technical cultural representations. *Journal of Applied Instructional Design, 20*(4). DOI: 10.51869/104

*Boulden, D. C., Rachmatullah, A., **Oliver, K. M.**, & Wiebe, E. (2021). Measuring in-service teacher self-efficacy for teaching computational thinking: Development and validation of the T-STEM CT. *Education and Information Technologies, 26*, 4663-4689. DOI: 10.1007/s10639-021-10487-2

***Oliver, K. M.,** Houchins, J. K., Moore, R. L., & Wang, C. (2020). Informing makerspace outcomes through a linguistic analysis of written and video-recorded project assessments. *International Journal of Science and Mathematics Education 19*(2), 333-354. DOI: 10.1007/s10763-020-10060-2. Second Place: Distance Education Journal Article Award (AECT Division of Distance Learning, 2020).

*Moore, R., & **Oliver, K.,** & Wang, C. (2019). Setting the pace: Examining cognitive processing in MOOC discussion forums with automatic text analysis. *Interactive Learning Environments, 27*(5-6), 655-669. Winner: Outstanding Journal Article Award (AECT Design & Dev. Division, 2020). DOI: 10.1080/10494820.2019.1610453

Oliver, K., Cook, M., & Wiseman, A. (2019). Teachers' first experiences with global collaborative projects: Bridging from surface-level cultural awareness to constructive collaboration. *Journal of Online Learning Research, 5*(1), 65-96.

Oliver, K., & Purichia, H. (2018). Analyzing historical primary source open educational resources: A blended pedagogical approach. *Contemporary Issues in Technology and Teacher Education (Social Studies), 18*(2), 392-415.

***Oliver, K.,** Moore, R., & Evans, M. (2017). Establishing a virtual makerspace for an online course: A design case. *International Journal of Designs for Learning, 8*(1), 112-123.

Al-Lily, A. **et al.** (2016). Academic domains as political battlegrounds: A global enquiry by 100 academics in the fields of education and technology. *Information Development, 33*(3), 270-288.

Oliver, K. (2016). Promoting continuing computer science education through a massively open online course. *Journal of Computers in Mathematics and Science Teaching, 35*(4), 331-344.

Oliver, K. (2016). Makerspace professional development, part II: Addressing "How?" *Tech Trends, 60*(3), 211-217.

Oliver, K. (2016). Makerspace professional development, part I: Addressing "What?" and "Why?" *Tech Trends, 60*(2), 160-166.

Oliver, K., Kennedy, K., Swan, B., Clark, T., LaFrance, J., Oglesby, J. (2015). Personalization of learning: Lessons from RTTT-D winners. *eLearn Magazine*. Retrieved September 2015, from: http://elearnmag.acm.org/archive.cfm?aid=2816976

Oliver, K. (2015). Capturing global perspectives during study abroad. *Online Classroom, 15*(11), 1,3.

***Oliver, K.,** & Kellogg, S. (2015). Credit recovery in a virtual school: Affordances of online learning for the at-risk student. *Journal of Online Learning Research, 1*(2), 191-218.

*Kellogg, S., Booth, S., & **Oliver, K.** (2014). A social network perspective on peer supported learning in MOOCs for Educators. *The International Review of Research in Open and Distance Learning, 15*(5), 263-289.

Oliver, K., & Stallings, D. T. (2014). Preparing teachers for emerging blended learning environments. *Journal of Technology and Teacher Education, 22*(1), 57-81.

*Yurtseven-Avci, Z., Vasu, E. S., **Oliver, K.**, Keene, K. A., & Fusarelli, B. (2014). Utilization of online technologies in mathematical problem solving at high school level: Student and teacher perceptions. *World Journal on Educational Technology, 6*(2), 203-217.

***Oliver, K.**, & Townsend, L. (2013). Preparing teachers for technology integration: Programs, competencies, and factors from the literature. *National Teacher Education Journal, 6*(3), 41-60.

Pritchard, R., **Oliver, K.**, & Morrow, D. (2013). Promoting writing through technology during study abroad. *The International Journal of Literacies, 19*(3), 201-214.

***Oliver, K. M.**, Kellogg, S., & Patel, R. (2012). An investigation into reported differences between online foreign language instruction and other subject areas in a virtual school. *The Computer Assisted Language Instruction Consortium (CALICO) Journal, 29*(2), 269-296.

Oliver, K. M., Mollette, M., & Corn, J. (2012). Administrative perspectives on the implementation of one-to-one computing. *Journal of Information Technology and Application in Education, 1*(4), 125-142.

Oliver, K., & Lee, J. (2011). Exploring history in plantation letters. *Learning and Leading with Technology, 38*(6), 24-26.

Spires, H., **Oliver, K.**, & Corn, J. (2011). The new learning ecology of one-to-one computing environments: Preparing teachers for shifting dynamics and relationships. *Journal of Digital Learning in Teacher Education, 28*(2), 63-72.

*Corn, J., **Oliver, K.**, Hess, C., Halstead, E., Argueta, R., Patel, R., Tingen, J., & Huff, J. (2010). A computer for every student (1:1): Lessons learned about planning and implementing a successful 1:1 learning initiative in schools. *Educational Technology, 50*(6), 11-17.

Oliver, K. M. (2010). Evaluating teacher readiness for the implementation of one-to-one computing based on national educational technology standards. *Journal of Literacy and Technology, 11*(3), 40-76.

Oliver, K. M. (2010). Integrating Web 2.0 across the curriculum. *Tech Trends, 54*(2), 50-60.

***Oliver, K. M.**, Kellogg, S., & Patel, R. (2010). An investigation into reported differences between online math instruction and other subject areas in a virtual school. *Journal of Computers in Mathematics and Science Teaching, 29*(4), 417-453.

***Oliver, K. M.**, Kellogg, S., Townsend, T., & Brady, K. (2010). Needs of elementary and middle school teachers developing online courses for a virtual school. *Distance Education, 31*(1), 55-75.

Oliver, K. M. (2009). An investigation of concept mapping to improve the reading comprehension of science texts. *Journal of Science Education and Technology, 18*(5), 402-415.

Oliver, K. M., Osborne, J. W., & Brady, K. (2009). What are secondary students' expectations for teachers in virtual school environments? *Distance Education, 30*(1), 23-45.

Oliver, K. (2008). A comparison of Web-based concept mapping tasks for alternative assessment in distance teacher education. *Journal of Computing in Teacher Education, 24*(3), 63-70.

Oliver, K. M. (2008). Active matters. *Learning and Leading with Technology, 35*(6), 38.

Oliver, K. M. (2008). Good for business. *Learning and Leading with Technology, 35*(6), 30.

Oliver, K. M. (2008). Media magic. *Learning and Leading with Technology, 35*(7), 33.

Oliver, K. M., Corn, J. O., & Holcomb, L. (2008). Student-reported differences in technology use and skill after the implementation of one-to-one computing. *Educational Media International, 45*(3), 207-220.

Oliver, K., & Moore, J. (2008). Faculty recommendations for Web tools: Implications for course management systems. *Journal of Computing in Higher Education, 19*(2), 1-22.

***Oliver, K. M.**, Osborne, J., Patel, R., & Kleiman, G. (2008). Issues surrounding the deployment of a new statewide virtual public school. *Quarterly Review of Distance Education, 10*(1), 37-50.

Oliver, K. M. (2007-2008). Learning the lay of the land. *Learning and Leading with Technology, 35*(4), 37.

Oliver, K. (2007). Design and development of a faculty technology practices directory. *Educause Quarterly, 30*(4), 38-47.

Oliver, K. (2007). Google docs and spreadsheets. *Learning and Leading with Technology, 35*(3), 29.

Oliver, K. (2007). Leveraging Web 2.0 in the redesign of a graduate-level technology integration course. *Tech Trends, 51*(5), 55-61.

Oliver, K. (2007). Student collaboration with trees and trails. *Learning and Leading with Technology, 35*(2), 33.

Oliver, K., & Raubenheimer, C. D. (2007). Strategies for online concept mapping, part 2. *Online Classroom*. 1-3.

Oliver, K. M., & Raubenheimer, C. D. (2007). Strategies for online concept mapping, part 1. *Online Classroom*. 1, 7-8.

Baumbach, D., Christopher, T., Fasimpaur, K., & **Oliver, K.** (2004). Personal literacy assistants: Using handhelds for literacy instruction. *Learning and Leading with Technology, 32*(2) 16-21.

Head, J. T., Lockee, B. B., & **Oliver, K. M.** (2002). Method, media, and mode: Clarifying the discussion of distance education effectiveness. *Quarterly Review of Distance Education, 3*(3), 261-268.

Oliver, K. M., Eckel, C. C., & Ball, S. B. (2002). Wireless interactive teaching simulations. *Syllabus, 16*(3), 33-36.

Oliver, K. M. (2001). Depth perception in media design: From sensory psychology cues to interactive tools. *Journal of Visual Literacy, 21*(1), 1-14.

Oliver, K. M. (2001). Recommendations for student tools in online course management systems. *Journal of Computing in Higher Education, 13(1*), 47-70.

Oliver, K. M. & Hannafin, M. J. (2001). Developing and refining mental models in open-ended learning environments: A case study. *Educational Technology Research and Development, 49*(4), 5-32.

Oliver, K. M. (2000). Methods for developing constructivist learning on the Web. *Educational Technology, 40*(6), 5-18.

Oliver, K. M., & Hannafin, M. J. (2000). Student management of Web-based hypermedia resources during open-ended problem solving. *Journal of Educational Research, 94*(2), 75-92.

Oliver, K. M. (1997). Getting on-line with K-12 Internet projects. *Tech Trends, 42*(6), 33-40.

Hannafin, M. J., Hannafin, K. M., Land, S., & **Oliver, K. M.** (1997). Grounded practice and the design of constructivist learning environments. *Educational Technology Research and Development, 45*(3), 101-117.

Wilkinson, G.L., Bennett, L., & **Oliver, K.** (1997). Evaluation criteria and indicators of quality for internet resources. *Educational Technology, 37*(3), 52-59.

Books^ and Book Chapters (reverse chronological)

^Hollebrands, K., Anderson, R., & **Oliver, K.** (2021). Online learning in math education. Book in J. Cai, & J. A. Middleton (Eds.), *Research in Mathematics Education* (Series). Springer. https://link.springer.com/book/10.1007/978-3-030-80230-1

*Oliver, K., Tatar, C., & Houchins, J. (2020). Modifying technical training for the online environment: A Community of Inquiry approach. In R. E. Ferdig, E. Baumgartner, R. Hartshorne, R. Kaplan-Rakowski, & C. Mouza (Eds.), *Teaching, technology, and teacher education during the COVID-19 pandemic: Stories from the field* (pp. 163-167). Association for the Advancement of Computing in Education (AACE). Available: https://www.learntechlib.org/p/216903/

Wiseman, A., **Oliver, K.,** & Cook, M. (2017). Global professional development for inservice teachers: A focus on literacy, technology, and culture. In V. Korhonen, J. Annala, & P. Kulju (Eds.), *Steps for Development, Secrets of Communities--Perspectives to Education and Teaching* (pp. 219-235). Tampere, Finland: University of Tampere Press.

Oliver, K. M., & Weeks, T. (2015). Informing practice, policies, and procedures: A case study of external evaluation in support of a new virtual school. In T. Clark & M. Barbour (Eds.), *Online, Blended and Distance Education in Schools* (pp. 87-103). Sterling, VA: Stylus Publishing.

Oliver, K. M., & Pritchard, R. (2014). Supporting the development of writing abstraction with technology. In R. S. Anderson & C. Mims (Eds.), *Handbook of Research on Digital Tools for Writing Instruction in K-12 Settings* (pp. 363-385). Hershey, PA: IGI Global.

Oliver, K. M. (2012). Point: Should national and/or state-level technology standards be required for today's teachers? In C. J. Russo (Ed.), *Debating Issues in American Education* (Vol. 10, Technology in Schools, pp. 119-126)*.* Thousand Oaks, CA: Sage Publications.

Land, S., Hannafin, M., & **Oliver, K.** (2012). Student-centered learning environments. In D. Jonassen & S. Land (Eds.), *Theoretical Foundations of Learning Environments* (2nd ed.) (pp. 3-25). New York, NY: Routledge.

Land, S., & **Oliver, K. M.** (2011). Open learning environments. In N. Seel (Ed.), *Encyclopedia of the Sciences of Learning.* New York: Springer.

Oliver, K. (2007). Teaching frameworks for context-rich instruction: Design objects. In P. T. Northrup (Ed.), *Learning Objects for Instruction: Design and Evaluation* (pp. 119-139). Hershey, PA: Information Science Publishing.

Sharma, P., **Oliver, K.**, & Hannafin, M. (2007). Teaching and learning in directed environments. In M. G. Moore (Ed.), *The Handbook of Distance Education* (2nd ed.) (pp. 259-270). Mahwah, NJ: Erlbaum.

Hannafin, M., Hill, J., **Oliver, K.**, Glazer, E., & Sharma, P. (2003). Cognitive and learning strategies in Web-based environments. In M. G. Moore & W. G. Anderson (Eds.), *The Handbook of Distance Education* (pp. 245-260). Mahwah, NJ: Lawrence Erlbaum Associates.

Hannafin, M. J., Land, S., & **Oliver, K. M.** (1999). Open learning environments: Foundations, methods, and models. In C. Reigeluth (Ed.), *Instructional-Design Theories and Models: Volume II* (pp. 115-140). Mahwah, NJ: Lawrence Erlbaum Associates.

Conference Proceedings (reverse chronological)

*Houchins, J., Cully, K., Boulden, D., Smith, A., Elsayed, R., Hubbard, A., Ringstaff, C., **Oliver, K.,** Minogue, J., & Mott, B. (2021, November). Iterative design of a narrative-centered learning environment for computationally-rich science learning in elementary school. In *Proceedings of the Association for Educational Communications and Technology Annual Conference* (pp. 405-414). Chicago, IL: AECT.

*Houchins, J., Cully, K., Boulden, D., **Oliver, K.,** Smith, A., Minogue, J., Mott, B., Elsayed, R., Hubbard Cheuoua, A. & Ringstaff, C. (2021, March). Teacher perspectives on a narrative-centered learning environment to promote computationally-rich science learning through digital storytelling. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 35-40). Online: Association for the Advancement of Computing in Education (AACE).

Smith, A., Mott, B., Taylor, S., Hubbard-Cheuoua, A., Minogue, J., **Oliver, K.**, & Ringstaff, C. (2020, November). Toward a block-based programming approach to interactive storytelling. In A. G. Bosser, D. E. Millard, & C. Hargood (Eds.), *Proceedings of the 13th International Conference on Interactive Digital Storytelling (ICIDS)* (pp. 111-119). Bournemouth, UK.

*Houchins, J., Tatar, C., & **Oliver, K.** (2020, April). Computational thinking and other emergent practices in student reflections on makerspace activities. In D. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 29-37). New Orleans, LA: Association for the Advancement of Computing in Education (AACE).

Smith, A., Mott, B., Taylor, S. Hubbard, A., Minogue, J., **Oliver, K.**, & Ringstaff, C. (2020, February). Designing block-based programming language features to support upper elementary students in creating interactive science narratives. *Proceedings of the 51st ACM Technology Symposium on Computer Science Education* (p. 1327). Portland, OR: ACM.

Oliver, K. (2019, November). Design and development of a new course on culture, media, and technology. In S. Carliner (Ed.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 478-483). New Orleans, LA: Association for the Advancement of Computing in Education (AACE).

*Houchins, J., & **Oliver, K.** (2019, June). Computational thinking in student reflections: A thematic analysis of video project documentation in the afterschool makerspace. In, *Proceedings of Ed Media + Innovate Learning* (pp. 358-363). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE).

*Oliver, K., & Houchins, J. (2019, June). Evidence of computational thinking from circuitry projects in the after-school makerspace. In, *Proceedings of Ed Media + Innovate Learning* (pp. 364-369). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE).

*Oliver, K., & Houchins, J. (2019, June). Preparing teachers to capture and assess evidence of computational thinking. In, *Proceedings of Ed Media + Innovate Learning* (pp. 370-375). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE).

*Oliver, K., Houchins, J. & Moore, R. (2019, March). Informing recommended makerspace outcomes through linguistic analytics. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1624-1629). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).

*Oliver, K., & Houchins, J. (2018, June). Evidence of computational thinking in the after-school makerspace from written project documentation. In *Proceedings of EdMedia +Innovate Learning* (pp. 402-407). Association for the Advancement of Computing in Education (AACE).

Oliver, K., Wiseman, A., & Cook, M. (2018, June). Supporting cultural connections, collections, and reflections through technology in short-term study abroad. In *Proceedings of EdMedia +Innovate Learning* (pp. 769-776). Association for the Advancement of Computing in Education (AACE). [Winner of Conference Outstanding Paper Award].

Oliver, K., & Moore, R. (2016, November). Supporting documentation of informal learning and making from a distance with Voicethread. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2016* (pp. 966-970). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

*Theisen, C., Williams, L., **Oliver, K.,** & Murphy-Hill, E. (2016, May). Software security education at scale. In *Proceedings of the 38th International Conference on Software Engineering (ICSE)* (pp. 346-355). New York, NY: ACM.

Oliver, K. (2016, March). Promoting continuing computer science education through a massively open online course. In *Proceedings of Society for Information Technology & Teacher Education (pp. 333-340). International Conference 2016*. Chesapeake, VA: AACE.

Oliver, K. (2016, March). Encouraging teacher development of a personal learning network (PLN) in Twitter. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 743-748). Chesapeake, VA: AACE.

Oliver, K., & Pritchard, R. (2016, March). Multimodal composing with GoAnimate. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 1611-1616). Chesapeake, VA: AACE.

Oliver, K., & Cook, M. (2015, June). Capturing global perspectives during study abroad: A comparison of three visual tools. In S. Carliner, C. Fulford, & N. Ostashewski (Eds.), *Proceedings of Ed-Media 2015, World Conference on Educational Media and Technology* (pp. 497-503). Association for the Advancement of Computing in Education (AACE).

Cook, M., **Oliver, K.,** Pritchard, R. & Lee, S. (2014, March). Using forum-based writing to learn in the English classroom: An investigation of student comprehension and collaboration. In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 1779-1784). Chesapeake, VA: AACE.

Oliver, K., Cook, M., Pritchard, R. & Lee, S. (2014, March). Leveraging affordances of the mashup tool Pinterest for writing and reflecting on culture. In M. Searson & M. Ochoa (Eds.), *Proceedings of*

Society for Information Technology & Teacher Education International Conference 2014 (pp. 1034-1040). Chesapeake, VA: AACE.

*Oliver, K., Pritchard, R. & Watson, T. (2013, March). Teachers abroad: Integrating writing and technology. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 3532-3539). Chesapeake, VA: AACE.

Oliver, K., & Holcomb, L. (2008, March). Changes in student technology use and skill in the first year of a 1-to-1 computing program. In K. McFerrin, R. Weber, R. Carlsen, & D. A. Willis (Eds.), *Proceedings of the Society for Information Technology and Teacher Education 2008* (pp. 2154-2160). Association for the Advancement of Computing in Education: Las Vegas, Nevada.

*Oliver, K., Osborne, J., Patel, R., Holcomb, L., & Kleiman, G. (2008, March). Teacher and student reactions to a new statewide virtual public school. In K. McFerrin, R. Weber, R. Carlsen, & D. A. Willis (Eds.), *Proceedings of the Society for Information Technology and Teacher Education 2008* (pp. 601-608). Association for the Advancement of Computing in Education: Las Vegas, Nevada.

Oliver, K. (2007, June). An investigation of student thinking from concept mapping of reading material. In C. Montgomerie & J. Seale (Eds.) *Proceedings of Ed-Media 2007* (pp. 2593-2602). Association for the Advancement of Computing in Education: Vancouver, British Columbia.

Oliver, K. (2007, June). Web-based concept mapping activities in distance teacher education. In C. Montgomerie & J. Seale (Eds.) *Proceedings of Ed-Media 2007* (pp. 3380-3384). Association for the Advancement of Computing in Education: Vancouver, British Columbia.

Oliver, K. (2007, June). What are they doing: The technology practices directory. In C. Montgomerie & J. Seale (Eds.) *Proceedings of Ed-Media 2007* (pp. 505-508). Association for the Advancement of Computing in Education: Vancouver, British Columbia.

Oliver, K. (2006, October). Promoting scientific thinking with Web-based concept maps. Presentation at the Annual Conference of the Association for Educational Communications and Technology (AECT), Dallas, TX.

Oliver, K., & Raubenheimer, D. (2006, September). Lessons learned from unstructured concept mapping tasks*. Proceedings of the 2nd International Conference on Concept Mapping* (pp. 351-358). Universidad de Costa Rica: San Jose, Costa Rica.

Oliver, K. & Raubenheimer, D. (2006, March). Online Concept Mapping in Distance Teacher Education: Two Case Studies. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 114-119). Chesapeake, VA: AACE.

Overbay, A., Grable, L., **Oliver, K.,** & Vasu, E. (2006, March). Learning Styles and Resistance to Change: Something's Got to Give. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2006* (pp. 3553-3559). Chesapeake, VA: AACE.

Oliver, K. (2000, June). A case study of student tool use during hypermedia-based problem solving. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2000* (pp. 842-847). Chesapeake, VA: AACE.

Oliver, K. (2000, June). The instructional portal project. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2000* (p. 1826). Chesapeake, VA: AACE.

Technical Reports (reverse chronological)

Pilzer-Weiss, S., Maser, R., **Oliver, K.,** Parker, B., & Stallings, T. (2014). *North Carolina Virtual Public School Blended Learning STEM Courses: Final Report: Impact, Qualitative Assessment, and Policy Recommendations*. Greensboro, NC: Consortium for Educational Research and Evaluation--North Carolina (CERE-NC).

Pilzer-Weiss, S., Argueta, R., Maser, R., **Oliver, K.,** Parker, B., & Stallings, T. (2013). *North Carolina Virtual Public School Blended Learning STEM Courses: Participant Experiences from the First Year of Implementation (First-Year Formative Assessment, Part II).* Greensboro, NC: Consortium for Educational Research and Evaluation--North Carolina (CERE-NC).

*Stallings, T., Argueta, R., Arshavsky, N., Howard, E., Kellogg, S., Maser, R., **Oliver, K.,** & Parker, B. (2013). *North Carolina Virtual Public School Blended Learning STEM Courses: A Formative Assessment of Initial Implementation*. Greensboro, NC: Consortium for Educational Research and Evaluation--North Carolina (CERE-NC).

Corn, J. O., Argueta, R., Faber, D. M., Maxfield, J., **Oliver, K.,** Patel, R., Ramirez, A. (2012). *IMPACT V: Building 21st century school leadership, year 1 evaluation report, 2011-2012*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Mollette, M. J., Overbay, A. S., Corn, J. O., Townsend, M., **Oliver, K.,** & Townsend, T. (2012). *IMPACT continuation: Final summative evaluation report, 2009-2011*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

Oliver, K. M. (2010). *Success 101: Preliminary evaluation report*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Argueta, R., Cohen, K., Corbell, K., Halstead, E. O., Hess, C., Huff, J., **Oliver, K.,** Patel, R., Stanhope, D., & Tingen, J. (2009). *Evaluation report on the progress of the North Carolina 1:1 learning technology initiative, year 2*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Hines, R., Corn, J. O., Osborne, J. W., Argueta, R., Halstead, E., Hess, C., Huff, J., **Oliver, K.,** Patel, R., Stanhope, D., & Tingen, J. (2009*). Mid-year evaluation report on the progress of the North Carolina 1:1 learning technology initiative, fall semester, year 2*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Oliver, K. M., Brady, K., Patel, R., & Townsend, T. (2009). *2008-2009 Evaluation Report: North Carolina Virtual Public School*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Hines, R., Corn, J. O., Osborne, J. W., Halstead, E. O., Holcomb, L., **Oliver, K.,** Patel, R., Stanhope, D., Tingen, J., & Townsend, M. (2008). *Initial report: Evaluation study of the progress of the North Carolina 1:1 learning initiative, year 1*. Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Oliver, K. M., Brady, K., Patel, R., & Osborne, J. (2008). *2007-2008 Evaluation Report: North Carolina Virtual Public School.* Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

*Osborne, J. W., **Oliver, K. M.**, & Patel, R., & Holcomb, L. (2007). *Summer 2007 Evaluation Report: North Carolina Virtual Public School.* Raleigh, NC: William and Ida Friday Institute for Educational Innovation.

Chambers, J. A., Mullins, J. Q., Whitten, K. L., **Oliver, K. M.**, & Milheim, W. D. (2001). *Is online learning for you? A look at faculty and administrative perspectives* [Tech. Rep.]. Jacksonville, FL: Florida Community College at Jacksonville, Program Development for Instructional Technology.

Editorial Work (reverse chronological)

*Oliver, K. (2020-2022). *Distance Dispatch Newsletter* (Editor). Raleigh, NC: College of Education, NC State University. https://tinyurl.com/mcnwwb28

Kennedy, K., Freidhoff, J., & **Oliver, K.** (Eds.). (2014). Current trends and issues in K-12 online and blended teaching and learning. Co-Editor of special issue of the *Journal of Technology and Teacher Education, 22*(1).

Byrom, E., Matzen, N., & **Oliver, K.** (Eds.). (2005). English language learners and technology. *NewsWire, 7*(1). Tallahassee, FL: SERVE.

Byrom, E., & **Oliver, K.** (Eds.). (2003). Reading and technology. *NewsWire, 6*(1). Tallahassee, FL: SERVE.

TEACHING AND ADVISING

Courses Developed and Taught at NC State

I have fully developed and served as instructor of record for eight different online courses at NC State:

	Course	Title	Semester(s) Taught
1.	ECI 511	Technology Integration Theory and Practice (online)	F15, Sum15, F14, Sum14, Sum13, F12, Sum12, F11, Sum11, F10, Sum10a, Sum10b, F09, F08, Sum08, F07, Sum07, F06, Sum06, F05
2.	ECI 513	Teaching and Learning with Digital Video (online)	Sum 21, Sum 20, Sum 19, Sum 18, Sum 17, Sp17, Sum16, Sp15, F13, Sp13, Sp12, Sp11, Sp10, F08, F07, F06
3.	ECI 515	Cultural Investigations and Technical Representations in Education (online)	F21, F20, F19, F17, F16, F15
4.	ECI 517	Theoretical Foundations of Advanced Learning Environments (online)	F18, F12, F11, Sp11, Sp10, Sp07, Sp06
5.	ECI 518	Program and Staff Development in Instructional Technology (online)	Sp16, F14
6.	ECI 716	Design and Evaluation of Instructional Materials (online)	F09, Sp09, Sp08, Sp07, Sp06
7.	ECI 721	Technology and Informal Learning Environments (online)	F21, F20, F19, F18, F17, F16, Sp16
8.	ECI 722	Theory and Research in Distance Education (online)*	Sp 22, Sp 21, Sp 20, Sp 19, Sp 17

QM-certified quality online course

Independent Study and Internship Projects

Since 2011, I have supervised 21 students working on independent study (ECI 630) and internship (ECI 652) projects for course credit. These students have gained real-world experiences while developing useful technology products and professional development in service to a number of universities, schools, and public agencies: Duke University, Meredith College, UNC-Chapel Hill, Wake Forest University, the Defense Equal Opportunity Management Institute, and more than seven local school systems.

Graduate Certificate Development

Certificate	Description and Role
Learning Analytics (2020)	Designed for persons interested in understanding how to improve learning and the contexts in which it occurs through new data sources and analytical approaches. Submitted four related course actions (ECI 586-589), co-developer with Shaun Kellogg and Shiyan Jiang, and past coordinator for program.
E-Learning (2008-2010)	Designed for persons interested in leading e-learning initiatives or developing e-learning materials for both educational and private organizations. Co-developer and co-coordinator of certificate. This certificate is now offered as a specialization area under the larger Teaching, Training, and Educational Technology Certificate program in the Department of Educational Leadership, Policy, and Human Development (ELPHD).

Major Curricula Development

Curricula	Description and Role
Graduate Degree and Program Restructuring (2022-2023)	As Department Head, worked with TELS faculty to restructure the graduate degree in Curriculum and Instruction (new name, academic core, plan/sub-plan structure, and discontinued sub-plans). Also worked with faculty in the Master of Arts in Teaching (MAT) ESL program to disentangle complicated cross- and dual-listed course structure to allow new updates at the graduate level.
Undergraduate Concentration in LDT (2017)	Lead developer and current coordinator of undergraduate concentration in Learning Design & Technology under the Applied Education Studies (AES) degree program. Designed for undergraduates interested in a non-teaching option in the education field for instructional design and technical entrepreneurship.
Doctoral Concentration in LDT (2015-2022)	Lead developer and past coordinator of updated doctoral concentration under the Teacher Education and Learning Sciences (TELS) Ph.D. degree program. Negotiated participation from faculty in three colleges. Defined and maintain curriculum plan, handbook, and policies such as preliminary exam guidelines.

Thesis and Dissertation Committees Completed and In Progress
ETD links available from: https://www.diigo.com/user/kmoliver/ncsu_completed_theses_dissertations

PhD dissertation completed as Chair or Co-Chair, Students' Current Employers
1. 2023 Jennifer Houchins (chair), Research Associate, WestEd
2. 2023, Cansu Tatar (co-chair), Assistant Professor, Northern Illinois University
3. 2022 Angelica Morgan (chair), Assistant Instructional Professional, Arizona State
4. 2020 Danielle Boulden (chair), Education Program Manager, code.org
5. 2018 Nancy Smith (chair), Winston-Salem State University Faculty
6. 2018 Robert Moore (chair), University of Florida Faculty
7. 2017 Karen Tharrington (chair), Talent and Diversity Partner, Quadient
8. 2016 Amanda Cadran (chair), Program Director, Rapid Cycle Evaluation, Learn Platform
9. 2015 Brandon Simmons (chair), Senior Administrator, Data & Accountability, Wake Co Schools
10. 2014 Shaun Kellogg (chair), Director of Research and Evaluation, NC State Friday Institute
11. 2014 Mary Ellen Wells (chair), UNC School of Medicine Faculty
12. 2014 T. J. Wolfe (chair), Regent University Faculty
13. 2013 Biljana Belamaric-Wilsey (chair), Principal Program Manager, SAS Institute
14. 2012 Zeynep Yurtseven Avci (co-chair), Eskisehir Osmangazi University, Turkey
15. 2011 Sharon Booth (chair), Retired, formerly Research Scholar, NC State Friday Institute
16. 2008 Jeni Corn (co-chair), Director of Research and Evaluation, NC-DPI

PhD dissertation in progress as Chair or Co-Chair
1. Madeline Coven, Chair
2. Anna Engelke, Chair, Be a Maker Director, UNC-Chapel Hill
3. Mary Estrada, Chair, Foreign Languages Lecturer, NC State
4. Meghan Martinez, Chair, Teacher, Wake County Schools
5. Doreen Mushi, Co-Chair, Change Leader with TusomeInnovations, Tanzania
6. Yuru Zhang, Chair

PhD dissertation completed as Committee Member
1. 2022 Keith Lindsay
2. 2022 Katie Floyd
3. 2020 Lashica Waters
4. 2019 Christina Azmy

5. 2018 Susie Boles
6. 2018 Sarah Glova
7. 2017 Daniel Kelly
8. 2017 Doug Lecorchick
9. 2017 Ruchi Patel
10. 2017 Melissa Stopa
11. 2017 Elizabeth Vincent
12. 2016 Charles Fuller
13. 2013 David Bucci
14. 2013 Janice Jett
15. 2013 Walter Kelly
16. 2013 Jeff Probert
17. 2013 Latricia Walker
18. 2012 Emily Jessee
19. 2012 Myra Moses
20. 2012 Jennifer Tingen-Tagsold
21. 2011 Lisa Hervey
22. 2009 Anne Akers
23. 2009 Walter Rich

PhD dissertation in progress as Committee Member
1. Catherine Noonan
2. Alin Yalcinkaya

MS thesis completed as Chair or Co-Chair
1. 2019 Lori Stroud (chair)
2. 2008 Jyoti Soorma (co-chair)

MS thesis completed as Committee Member
1. 2009 Amanda Long
2. 2009 Bethany Smith

MS thesis in progress as Chair or Co-Chair
1. Nathaniel Powers

PRESENTATIONS
*co-presentations with graduate students; +invited presentations; #international presentations

Presentations at National and International Conferences (reverse chronological)

#**Oliver, K.,** Lou, S., & Hubbard, L. (2023, July). *Characterizing higher education innovation in the context of the campus makerspace/design studio*. Research paper presented at Ed-Media + Innovate Learning, Vienna, Austria.

*#Wiseman, A. M., Estrada, M. M., **Oliver, K. M.,** & Cook, M. (2023, July). *Preparing educators to "teach the world": Culturally-responsive teaching through global immersion and digital tools.* Research paper presented at Ed-Media + Innovate Learning, Vienna, Austria.

+Brantley-Dias, L., Correia, A-P., Kopcha, T. J., Martins, V., **Oliver, K. M.,** Roman, T., & Walters, K. (2022, October). *Teaching for social justice: Strategies and support for K-12 teachers.* Invited panel presentation at the Annual Conference of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

*Culbreth, D., & **Oliver, K.** (2022, October). *Video evidence of computational thinking and tinkering dimensions in programming and robotics activities*. Paper presented at the Annual Conference of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

*Monahan, R., & **Oliver, K.** (2022, October). *Reinforcing physical science concepts with maker activities integrated around digital storytelling*. Paper presented at the Annual Conference of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

*Vandenberg, J., Boulden, D., Cully, K., El Sayed, R., Smith, A., Hubbard, A., Minogue, J., **Oliver, K.**, Ringstaff, C., & Mott, B. (2022, June). *Orchestrating the multidisciplinary implementation of a narrative-centered learning environment in upper elementary classrooms*. Paper presented at the Annual Meeting of the International Society of the Learning Sciences (ISLS).

Oliver, K., Moore, R., & Rosenberg, J. (2022, February). *Promoting cultural dialogue via mobile texting on study abroad*. Paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Clearwater Beach, FL.

*Oliver, K., & Tatar, C. (2022, February). *Establishing community of inquiry in newly remote courses: A college-wide self-study*. Paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Clearwater Beach, FL.

*Houchins, J. K., Cully, K., Boulden, D. M., Smith, A., Elsayed, R., Hubbard-Cheuoua, A., Ringstaff, C., **Oliver, K. M.,** Minogue, J., & Mott, B. (2021, November). *Iterative design of a narrative-centered learning environment for computationally-rich science learning in elementary school*. Paper presented at the Association for Educational Communications and Technology Annual Conference, Chicago, IL.

Oliver, K. M., Moore, R., & Rosenberg, J. M. (2021, November). Linguistic analytics of mobile texting on study abroad: Toward enhanced culturally-reflective dialogue. Paper presented at the Association for Educational Communications and Technology Annual Conference, Chicago, IL.

*Tatar, C., **Oliver, K. M.,** & Coven, M. (2021, November). *Community of inquiry presences in newly remote online courses: A college-wide self study*. Paper presented at the Association for Educational Communications and Technology Annual Conference, Chicago, IL.

*Boulden, D. C., Rachmatullah, A., **Oliver, K. M.**, & Wiebe, E. N. (2021, April). *Measuring teacher self-efficacy for teaching computational thinking (CT): Development and validation of the T-STEM CT*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Virtual Delivery.

*Houchins, J., Cully, K., Cadieux Boulden, D., **Oliver, K.,** Smith, A., Minogue, J., Mott, B., Elsayed, R., Hubbard Cheuoua, A. & Ringstaff, C. (2021, March). *Teacher perspectives on a narrative-centered learning environment to promote computationally-rich science learning through digital storytelling*. Paper presented at the Society for Information Technology & Teacher Education (SITE) International Conference, Virtual Delivery.

Oliver, K., & Wiseman, A. (2021, February). *Professional development at the intersection of culture and technology: Impacts on pre-service teachers.* Brief paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Virtual Delivery.

Oliver, K., Wiseman, A., & Cook. M. (2020, November). *Preparing educators to teach culture through technology: Professional development in an international context.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Virtual Delivery.

[#]Smith, A., Mott, B., Taylor, S., Hubbard-Cheuoua, A., Minogue, J., **Oliver, K.**, & Ringstaff, C. (2020, November). *Toward a block-based programming approach to interactive storytelling.* Paper presented at the 13th International Conference on Interactive Digital Storytelling (ICIDS). Bournemouth, UK.

*Tatar, C., Houchins, J., & **Oliver, K.** (2020, November). *Building maker culture through after school makerspace activities.* Paper presented at the Association for Educational Communications and Technology Annual Conference, Virtual Delivery.

[#]Mott, B., **Oliver, K.,** Minogue, J., Houchins, J., Smith, A., Taylor, S., Hubbard-Cheuoua, A., & Ringstaff, C. (2020, June). *Anchoring computational thinking in upper elementary physical science through problem-centered storytelling and play.* Poster presented at the International Conference of the Learning Sciences (ICLS), Virtual Delivery.

*Houchins, J., Tatar, C., & **Oliver, K.** (2020, April). *Computational thinking and other emergent practices in student reflections on makerspace activities.* Presentation at the Society for Information Technology and Teacher Education (SITE), Virtual Delivery.

Smith, A., Mott, B., Taylor, S., Hubbard-Cheuoua, A., Minogue, J., **Oliver, K.,** & Ringstaff, C. (2020, March). *Designing block-based programming language features to support upper elementary students in creating interactive science narratives.* Presentation at SIGCSE 2020. Portland, OR: ACM Special Interest Group on Computer Science Education.

Oliver, K. (2019, November). *Design and development of a new online course on culture, media, and technology.* Presentation at the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education. New Orleans, LA: Association for the Advancement of Computing in Education (AACE).

*[#]Černochová, M., van der Linde, D., Strijker, A., Bolhuis, E., Trooster, W., **Oliver, K.,** Houchins, J., & Voogt, J. (2019, June). *Computational thinking in education.* Symposium presented at Ed-Media + Innovate Learning. Amsterdam, Netherlands.

*[#]**Oliver, K.,** & Houchins, J. (2019, June). *Preparing teachers to capture and assess evidence of computational thinking.* Brief paper presented as part of the symposium Computational Thinking in Education at Ed Media + Innovate Learning. Amsterdam, Netherlands.

*[#]Houchins, J., & **Oliver, K.** (2019, June). *Computational thinking in student reflections: A thematic analysis of video project documentation in the afterschool makerspace.* Brief paper presented at Ed-Media + Innovate Learning. Amsterdam, Netherlands.

*[#]**Oliver, K.,** & Houchins, J. (2019, June). *Evidence of computational thinking from circuitry projects in the after-school makerspace.* Brief paper presented at Ed-Media + Innovate Learning. Amsterdam, Netherlands.

Oliver, K., Cook, M., Wiseman, A., & Pritchard, R. (2019, May). *Lessons learned from novice global project designs: Ramping up high-level collaboration to build awareness of global issues and cultural perspectives.* Presentation at the IAFOR Conference on Educational Research and Innovation, Blacksburg, VA.

Oliver, K., Pritchard, R., Wiseman, A., & Cook, M. (2019, May). *Teacher professional development in an international context: Fostering intersections between technology and culture.* Presentation at the IAFOR Conference on Educational Research and Innovation, Blacksburg, VA.

*[#]Smith, N., Bartlett, A., & **Oliver, K.** (2019, May). *Facilitation of physical therapist student clinical reasoning using a scaffolded mobile application.* Presentation at the World Confederation for Physical Therapy Congress 2019, Geneva, Switzerland.

*Oliver, K., Houchins, J., & Moore, R. (2019, March). *Informing recommended makerspace outcomes through linguistic analytics*. Brief paper presented at the Society for Information Technology and Teacher Education (SITE) Annual Conference, Las Vegas, NV.

*Houchins, J., & **Oliver, K.** (2019, February). *Fostering computational thinking through student reflection in informal learning environments*. Birds of a feather session presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Myrtle Beach, SC.

*Oliver, K., Houchins, J., & Moore, R. (2019, February). *Linguistic analysis of written versus videotaped student makerspace reflections*. Paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Myrtle Beach, SC.

*Moore, R., & **Oliver, K.** (2018, November). *Data rules everything around us: Leveraging educational data mining on MOOC discussion forums*. Paper presented at the Association for Educational Communications and Technology (AECT) Annual Conference, Kansas City, KS.

*[#]Oliver, K., & Houchins, J. (2018, June). *Evidence of computational thinking in the after-school makerspace from written project documentation*. Brief paper presented at Ed-Media 2018. Amsterdam, Netherlands.

[#]Oliver, K., Wiseman, A., & Cook, M. (2018, June). *Supporting cultural connections, collections, and reflections through technology in short-term study abroad.* Full paper presented at Ed-Media 2018. Amsterdam, Netherlands.

Cook, M., **Oliver, K.,** & Wiseman, A. (2018, April). *Teacher's first experiences with global projects: Bridging from surface-level cultural awareness to constructive collaboration*. Roundtable presented at the Annual Meeting of the American Educational Research Association (AERA), New York, NY.

Moore, R., & **Oliver, K.** (2018, April). *Evaluating an online makerspace course through the critical incident technique*. Presentation at the Annual Meeting of the American Educational Research Association (AERA), New York, NY.

Moore, R., & **Oliver, K.** (2017, November). *A critical incident analysis of online informal learning projects*. Presentation at the Annual Meeting of the Association for Educational Communications and Technology (AECT), Jacksonville, FL.

Cook, M.P., **Oliver, K.,** & Pritchard, R. (2016, November). *Creating global perspectives through collaborative projects and crowd curated cultural collections*. Presentation at the Annual Conference of the National Council of Teachers of English (NCTE), Atlanta, GA.

Oliver, K., & Moore, R. (2016, November). *Supporting documentation of informal learning and making from a distance with Voicethread.* Short paper presented at the World Conference on E-Learning, Washington, DC.

Oliver, K. (2016, April). *Teacher reactions to Twitter as a personal learning network*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Washington, DC.

Oliver, K. (2016, March). *Encouraging teacher development of a personal learning network in Twitter.* Brief paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Savannah, GA.

Oliver, K. (2016, March). *Promoting continuing computer science education through a massively open online course.* Full paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Savannah, GA.

Oliver, K., & Pritchard, R. (2016, March). *Multimodal composing with GoAnimate.* Poster presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Savannah, GA.

[#]Oliver, K., & Cook, M. (2015, June). *Capturing global perspectives during study abroad: A comparison of three visual tools*. Brief paper presented at the World Conference on Educational Media and Technology (Ed-Media). Montreal, Quebec, Canada.

Cook, M., **Oliver, K.,** & Pritchard, R. (2015, April). *Graphic reading: Using images to bolster comprehension*. Roundtable presented at the Annual Meeting of the American Educational Research Association (AERA), Chicago, IL.

Oliver, K., Cook, M., & Pritchard, R. (2015, April). *A comparison of three visual tools to prompt cultural reflection during study abroad*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Chicago, IL.

[#]Cook, M., **Oliver, K.,** Pritchard, R., & Lee, S. (2014, July). *Promoting teachers' cultural reflection using the online tool Pinterest*. Presentation at the annual conference of the United Kingdom Literacy Association (UKLA), Brighton, England.

Cook, M., **Oliver, K.,** Pritchard, R., & Lee, S. (2014, March). *Using forum-based writing to learn in the English classroom: An investigation of student comprehension and collaboration*. Paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Jacksonville, FL.

Oliver, K., Cook, M., Pritchard, R., & Lee, S. (2014, March). *Leveraging affordances of the mashup tool Pinterest for writing and reflecting on culture*. Paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Jacksonville, FL.

Oliver, K. (2013, April). *Promoting cognitive flexibility through a primary source database*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA.

*Oliver, K., Pritchard, R., & Watson, T. (2013, March). *Teachers abroad: Integrating writing and technology*. Paper presented at the Society for Information Technology and Teacher Education (SITE) Annual Conference, New Orleans, LA.

[#]Pritchard, R., **Oliver, K.,** & Morrow, D. (2012, August). *Promoting writing with technology during study abroad*. Paper presented at the Learning Conference, London, UK.

[#]**Oliver, K.,** & Lee, J. (2012, April). *Using digital primary sources and technology tools to engage students in inquiry and project-based learning*. Poster presented at the Annual Conference of the American Educational Research Association (AERA). Vancouver, British Columbia.

[+]Cavanaugh, C., Lowes, S., & **Oliver, K.** (2011, November). *Recent research on online teaching and learning: Implications for practice.* Invited panelist for presentation at the Virtual School Symposium (VSS), Indianapolis, IN.

*Kellogg, S., & **Oliver, K.** (2011, April). *Credit recovery in a virtual school: Student needs and the affordances of online learning*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), New Orleans, LA.

Oliver, K., & Lee, J. (2011, March). *Using digital primary sources and technology tools to engage students in inquiry and project-based learning*. Poster presented at the Annual Conference of the Society for Information Technology and Education (SITE). Nashville, TN.

[+]Dawley, L., Haskell, C., **Oliver, K.,** Baab, L., & Lowes, S. (2010, November). *Recent research on online teaching and learning: Implications for practice.* Invited panelist for presentation at the Virtual School Symposium (VSS), Glendale, AZ.

Oliver, K., Weeks, T., & Lourcey, M. (2010, November). *An analysis of the unique needs and outcomes of credit recovery students in a virtual school.* Paper presentation at the Virtual School Symposium (VSS), Glendale, AZ.

*Corn, J., Halstead, E., **Oliver, K.,** Tingen, J., Patel, R., Huff, J., & Stanhope, D. (2010, April). *Results from an evaluation of the new learning ecology: 1:1 learning environments in schools*. Roundtable presented at the Annual Meeting of the American Educational Research Association (AERA), Denver, CO.

*Oliver, K., Patel, R., & Townsend, T. (2010, April). *An investigation of subject area differences in K-12 virtual schooling.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Denver, CO.

*Oliver, K., Townsend, T., Patel, R., & Brady, K. (2010, April). *Investigating the needs of teachers involved in pre-secondary online course development for virtual public schools*. Roundtable presented at the Annual Meeting of the American Educational Research Association (AERA), Denver, CO.

*Oliver, K., & Kellogg, S. (2010, February). *An investigation into the unique challenges of online math instruction in a virtual school.* Paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Savannah, GA.

[+]Lowes, S., Cavanaugh, C., Parra, J., Zygouris-Coe, V., & **Oliver, K.** (2009, November). *Recent research on online teaching and learning: Implications for practice.* Invited panelist for presentation at the Virtual School Symposium (VSS), Austin, TX.

Oliver, K., & Patel, R. (2009, July). *Voices from new virtual school students: Recommendations for distant instructors.* Paper presented at the National Educational Computing Conference (NECC), Washington, DC.

*Tingen, J., Corn, J., Halstead, E., & **Oliver, K.** (2009, June). *Results from North Carolina's 1:1 Learning Initiative pilot.* Paper presented at the National Educational Computing Conference (NECC), Washington, DC.

Brady, K., **Oliver, K.,** & Osborne, J. (2009, April). *Student expectations for teachers in virtual school environments.* Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA.

*Brady, K., **Oliver, K**., Patel, R., & Osborne, J. (2009, April). *Rurality and virtual school environments: An analysis of student and teacher expectations.* Paper discussion presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA.

Corn, J., & **Oliver, K.** (2009, April). *Using ISTE NETS standards to frame teacher knowledge and application of one-to-one computing at implementation.* Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Diego, CA.

*Corn, J., Osborne, J., Halstead, E., **Oliver, K**., Tingen, J., & Stanhope, D. (2009, March). *Results from North Carolina's 1:1 Learning Initiative pilot: The first year of implementation.* Brief paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Charleston, SC.

Oliver, K., Brady, K., & Osborne, J. (2009, March). *Student beliefs about online teaching: Implications for virtual school teachers.* Paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Charleston, SC.

Oliver, K., Corn, J., & Osborne, J. (2009, March). *Using educational technology standards to gauge teacher knowledge and application of one-to-one computing at implementation.* Paper presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Charleston, SC.

Beal, C., Holcomb, L., Lee, J., Manfra, M., **Oliver, K**., Pope, C., Schrader, P. G., Spires, H., & Young, C. (2009, March). *Digital video and new literacies: Vignettes from the field.* Symposium presented at the Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Charleston, SC.

[+]Hannafin, M., Land, S., Rich, P., & **Oliver K.** (2008, November). *Secrets to seeking, getting, and succeeding in college and university faculty positions.* Panel presented at the Annual Conference of the Association for Educational Communications and Technology (AECT), Orlando, FL.

*Oliver, K., Brady, K., Osborne, J., & Patel, R. (2008, November). *First-year results from a new state virtual public school.* Paper presented at the Annual Conference of the Association for Educational Communications and Technology (AECT), Orlando, FL.

Oliver, K., Lee, J., & Young, C. (2008, November). *Leveraging technology to encourage student reflection on primary source letters.* Paper presented at the Annual Conference of the Association for Educational Communications and Technology (AECT), Orlando, FL.

[+]**Oliver, K.** (2008, March 30). *Journal of Computing in Teacher Education, Author Perspectives.* Invited Podcast (Episode 3). Eugene, OR: International Society for Technology in Education (ISTE).

Oliver, K., & Holcomb, L. (2008, March). *Changes in student technology use and skill in the first year of a one-to-one computing program.* Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education (SITE). Las Vegas, Nevada.

Oliver, K., & Holcomb, L. (2008, March). *First year results of a one-to-one computing program: Changes in the student experience*. Paper discussion presented at the Annual Meeting of the American Educational Research Association (AERA). New York, NY.

*Oliver, K., Osborne, J., Patel, R., Holcomb, L., & Kleiman, G. (2008, March). *Teacher and student reactions to a new statewide virtual public school*. Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education (SITE). Las Vegas, Nevada.

#**Oliver, K**. (2007, June). *An investigation of student thinking from concept mapping of reading material*. Full paper presented at the World Conference on Educational Multimedia, Hypermedia, and Telecommunications (Ed-Media), Vancouver, British Columbia.

#**Oliver, K.** (2007, June). *Web-based concept mapping activities in distance teacher education*. Best practices presentation at the World Conference on Educational Multimedia, Hypermedia, and Telecommunications (Ed-Media), Vancouver, British Columbia.

#**Oliver, K.** (2007, June). *What are they doing: The technology practices directory*. Brief paper presented at the World Conference on Educational Multimedia, Hypermedia, and Telecommunications (Ed-Media), Vancouver, British Columbia.

Oliver, K. (2007, April). *Web-based concept maps for alternative assessment in distance teacher education*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Chicago, IL.

Oliver, K. (2006, October). *Promoting scientific thinking through collaborative online concept mapping*. Paper presented at the Annual Meeting of the Association for Educational Communications and Technology (AECT), Dallas, TX.

Oliver, K., & Raubenheimer, D. (2006, July). *Visualizing student knowledge: Teaching and assessing with online concept maps*. Presentation at the National Education Computing Conference (NECC), San Diego, CA.

Oliver, K., & Raubenheimer, D. (2006, March). *Online concept mapping in distance teacher education: Two case studies*. Paper presented at the Society for Information Technology and Teacher Education (SITE) annual conference, Orlando, FL.

Overbay, A., Grable, L., **Oliver, K**., & Vasu, E. (2006, March). *Learning styles and resistance to change: Something's got to give*. Paper presented at the Society for Information Technology and Teacher Education (SITE) annual conference, Orlando, FL.

Oliver, K. (2006, February). *Lessons learned from the integration of feature-rich presentation and collaboration software in the higher education classroom*. Paper presented at the Annual Meeting of the Eastern Educational Research Association (EERA), Hilton Head, SC.

Oliver, K., & O'Sullivan, J. (2004, June). *Using handhelds to improve student literacy skills*. Two half-day workshops presented at the Alabama Educational Technology Conference, Birmingham.

Oliver, K., O'Sullivan, J., Thrift, B., & Renfroe, M. (2004, June). *Using handhelds to improve student literacy skills*. Half-day workshop presented at the National Education Computing Conference (NECC), New Orleans.

Oliver, K., Eckel, C., Ball, S., Grant, J., & Prudom, V. (2002, April). *Wireless interactive teaching simulations (WITS)*. Poster presented at the 12th International Conference on College Teaching and Learning, Jacksonville, FL, AND the conference of the American Educational Research Association (AERA), New Orleans, LA.

Oliver, K., & Moore, J. (2002, April). *Gap analysis of educational Web tools in engineering*. Paper presented at the 12th International Conference on College Teaching and Learning, Jacksonville, FL, AND poster presented at the conference of the American Educational Research Association (AERA), New Orleans, LA.

Oliver, K., & Moore, J. (2001, November). *Gap analysis of educational Web tools in engineering*. Roundtable presented at the conference of the Association for Educational Communications and Technology (AECT), Atlanta, GA.

Oliver, K., & Seamans, N. (2001, November). *Designing and implementing technology and information literacy programs*. Presentation at the conference of the Association for Educational Communications and Technology (AECT), Atlanta, GA.

Oliver, K. (2000, October). *Recommendations for student tools in online learning environments*. Paper presented at Learning 2000, Hotel Roanoke and Conference Center, Roanoke, VA.

#**Oliver, K.** (2000, June). *A case study of student tool use during hypermedia-based problem solving.* Paper presented at Ed-Media 2000, the World Conference of Educational Multimedia, Hypermedia, and Telecommunications, Montreal, Quebec.

#**Oliver, K.** (2000, June). *The instructional portal project.* Poster presented at EdMedia 2000, the World Conference of Educational Multimedia, Hypermedia, and Telecommunications, Montreal, Quebec.

Oliver, K. (2000, March). *Method, media, and mode: The interaction of these factors in distance learning.* Presentation at TechEd 2000, Technology in Education, International Conference and Exposition, Palm Springs, CA.

#**Oliver, K.,** Slotta, J., Hannafin, M. (1999, April). *The utility of computer tools to support students' scientific problem solving.* Paper presented at the conference of the American Educational Research Association (AERA), Montreal, Quebec.

Oliver, K. (1999, February). *Computer-based tools in support of Internet-based problem solving.* Presentation at the conference of the Association for Educational Communications and Technology (AECT), Houston, TX.

Iiyoshi, T., **Oliver, K.,** Thuma, T., Jackson, D., Jacobson, M., Hannafin, M. (1998, February). *Cognitive tools for Web-based learning environments.* Roundtable presented at the conference of the Association for Educational Communications and Technology (AECT), St. Louis, MO.

Oliver, K. (1998, February). *A qualitative analysis of K-12 internet projects.* Presentation at the conference of the Association for Educational Communications and Technology (AECT), St. Louis, MO.

Oliver, K. (1998, February). *Evaluation procedures for WWW information resources: A final project report.* Presentation at the conference of the Association for Educational Communications and Technology (AECT), St. Louis, MO.

#**Oliver, K.** (1997, June). *A case-based pharmacy environment: Cognitive flexibility + social constructivism.* Paper presented at Ed-Media 97 and Ed-Telecom 97–World Conference on Educational Multimedia and Hypermedia & World Conference on Educational Telecommunications, Calgary, Alberta.

Luetkehans, L., Hill, J., & **Oliver, K.** (1997, February). *Science connections: Problem-solving from a distance.* Presentation at the conference of the Association for Educational Communications and Technology (AECT), Albuquerque, N.M.

#**Oliver, K.,** Bennett, L., & Wilkinson, G. (1997, June). *Evaluating the quality of Internet information sources.* Paper presented at Ed-Media 97 and Ed-Telecom 97–World Conference on Educational Multimedia and Hypermedia & World Conference on Educational Telecommunications, Calgary, Alberta.

#**Oliver, K.,** & Luetkehans, L. (1997, June). *Alternative means of Internet access: Enabling financially-strapped public schools.* Paper presented at Ed-Media 97 and Ed-Telecom 97–World Conference on Educational Multimedia and Hypermedia & World Conference on Educational Telecommunications, Calgary, Alberta.

Oliver, K., Wilkinson, G., & Bennett, L. (1997, February). *Beyond bells & whistles: Evaluating Internet information sources.* Presentation at the conference of the Association for Educational Communications and Technology (AECT), Albuquerque, N.M.

Bennett, L., **Oliver, K.,** & Wilkinson, G. (1996, June). *The development and validation of instruments to evaluate Internet content.* Presentation at Ed-Media 96 and Ed-Telecom 96–World Conference on Educational Multimedia and Hypermedia & World Conference on Educational Telecommunications (Ed-Media), Boston, MA.

Oliver, K. (1996, June). *Intellectual curiosity and the World Wide Web.* Presentation at Ed-Media 96 and Ed-Telecom 96–World Conference on Educational Multimedia and Hypermedia & World Conference on Educational Telecommunications (Ed-Media), Boston, MA.

Presentations at State Conferences (reverse chronological)

Hubbard, L., Lou, S., & **Oliver, K.** (2023, April). *Innovate UNC: A study of technology-enhanced spaces supporting innovation across the UNC System*. Faculty Fellows presentation at the UNC Teaching and Learning with Technology Symposium (UNC-TLT), Charlotte, NC.

*Monahan, R., & **Oliver, K.** (2022, April). *INFUSECS: Interactive narratives for computationally-rich science learning in elementary school: Uniting science education and computer science.* Accepted presentation at the Building Engineers in K-5 Classrooms Conference, Pinehurst, NC.

Williams, S., Richardson, L., & **Oliver, K.** (2019, March). *Code savvy with Micro:bit Go*. Student showcase at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

Vick, M. C., Dupree, D., & **Oliver, K.** (2018, March). *Hummingbird robotics*. Student showcase at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

***Oliver, K.,** Grady, S., Dupree, D., & Vick, M. C. (2017, March). *Girls and STEM: Crafting a new makerspace at the Wake Young Women's Leadership Academy*. Presentation at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

*Vick, M. C., Dupree, D., & **Oliver, K.,** & Grady, S. (2017, March). *Running the circuit: Student makers at the Wake Young Women's Leadership Academy.* Student showcase at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

Oliver, K., & Prichard, R. (2016, December). *Hello world: Teacher experiences with global collaborative projects.* Presentation at the Virginia Society for Technology in Education (VSTE) annual conference, Virginia Beach, VA.

*[+]**Oliver, K.,** & Grady, S. (2016, October). *Learning in the informal after-school makerspace.* Invited presentation at UNC World View's K-12 Global Education Symposium, Chapel Hill, NC.

[+]**Oliver, K.** (2016, February). *Getting started with global collaborative projects.* Archived presentation for the NC Department of Public Instruction's 2016 Digital Learning Day. Retrieved from: https://www.youtube.com/watch?v=q1wkPfPSb-Y

Christianson, C., **Oliver, K.,** Poole, M., & Pritchard, R. (2015, December). *Personal writing and technology*. Presentation at the annual conference of the Virginia Society for Technology in Education (VSTE), Roanoke, VA.

*Pritchard, R., **Oliver, K.,** Poole, M., & Richards, J. (2015, October). *Multimodal composing with GoAnimate*. Presentation at the North Carolina English Teachers Association Annual Conference, Asheville, NC.

Oliver, K. (2015, March). *Maker professional development*. Presentation at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

Oliver, K., & Pritchard, R. (2014, December). *Digital tools for climbing the topical writing ladder*. Presentation at the Virginia Society for Technology in Education (VSTE) annual conference, Virginia Beach, VA.

Oliver, K., & Brown-Parker, K. (2014, November). *Building and storytelling with your iPad*. Presentation at the Teaching and Learning with the iPad Conference, Raleigh, NC.

[+]**Oliver, K.** (2014, October). *Varying the audience and topic of writing with technology*. Invited webinar for the NC Department of Public Instruction's MOOClet: Effective Digital Strategies for Teaching and Learning in the K-12 Classroom.

Pritchard, R., **Oliver, K.** Cook, M., Berg, A., Richards, J., & Shaw, S. (2014, October). *Writing, technology, and the audience abstraction ladder*. Presentation at the North Carolina English Teachers Association Annual Conference, Raleigh, NC.

Oliver, K., & Purichia, H. (2013, December). *Supporting student collaboration with the mashup tool Pinterest*. Presentation at the Virginia Society for Technology in Education (VSTE) annual conference, Roanoke, VA.

Oliver, K. (2012, March). *Google Maps across the curriculum*. Presentation at the North Carolina Technology in Education Society (NC-TIES) Annual Conference. Raleigh, NC.

*Oliver, K., & Kellogg, S. (2011, February). *Increasing student interaction in your online course.* Presentation to the virtual conference of the North Carolina Distance Learning Association.

Oliver, K. (2008, December). *A digital history resource to teach students about slavery in antebellum North Carolina*. Presentation at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Oliver, K. (2008, December). *Student expectations for North Carolina Virtual Public School teachers*. Presentation at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Oliver, K. (2008, March). *Come and get 'em: Free web 2.0 tools for every subject*. Presentation at the North Carolina Association for Educational Communications and Technology Conference (NC-AECT). Concord, North Carolina.

Oliver, K. (2008, March). *The Plantation Letters: Teaching about slavery with primary sources and web tools*. Presentation at the North Carolina Association for Educational Communications and Technology Conference (NC-AECT). Concord, North Carolina.

Oliver, K. (2007, November). *Cross-curricular Web 2.0 applications for technology integration*. Presentation at the North Carolina Educational Technology Conference (NC-ETC). Greensboro, North Carolina.

Poole, M., & **Oliver, K.** (2007, November). *Web 2.0 applications to enhance collaborative writing*. Presentation at the Annual Conference of the North Carolina English Teachers Association (NC-ETA). Charlotte, NC.

Oliver, K. (2007, March). *Thinking, problem-solving, decision-making: Do it all with Cmap!* Presentation at the Annual Meeting of the North Carolina Association for Educational Communications and Technology (NC-AECT), Raleigh, NC.

Oliver, K., & Anand, S. (2006, November). *Web-based concept mapping for scientific thinking: A school-university partnership.* Presentation at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Oliver, K., & Raubenheimer, D. (2005, November). *Resources and strategies for effective student concept mapping.* Presentation at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Oliver, K., Baumbach, D., Christopher, T., Renfroe, M. (2004, January). *Using handhelds to improve student literacy skills.* Two half-day workshops presented at the Florida Ed Tech Conference (FETC), Orlando, FL.

Oliver, K., Baumbach, D., Christopher, T., Renfroe, M. (2003, December). *Using handhelds to improve student literacy skills.* Half-day workshop presented at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Byrom, E., O'Sullivan, J., **Oliver, K.,** & Thrift, B. (2003, October). *Designing effective professional development programs.* One-day workshop presented at the SERVE Forum, Biloxi, MS.

Oliver, K. & Thrift, B. (2003, June). *Writing winning grants for technology*. Half-day workshop presented at the Leading with Technology Symposium, Greensboro, NC.

Byrom, E., & **Oliver, K.** (2003, February). *Writing winning technology grant proposals*. Half-day workshop presented at the Georgia Educational Technology Conference, Macon, GA.

Wilkinson, G., Bennett, L., & **Oliver, K.** (1996, October). *Panning for gold on the Internet.* Paper presented at the meeting of the Georgia Council of Media Organizations, Columbus, GA.

Oliver, K., & Hardy, J. (1996, April). *The use of authoring programs to create your own software.* Presentation at the Central Savannah River Area Regional Educational Technology Conference, Augusta, GA.

Coates, L., & **Oliver, K.** (1994, April). *Designing effective media*. Half-day workshop presented at 2nd Annual Carolina's Creative Teaching Symposium, Mountain Area Health Education Center, Asheville, NC.

Coates, L., & **Oliver, K.** (1994, March). *Effective presentations*. Half-day workshop presented at Area Health Education Center, Fayetteville, NC.

Davis, S., & **Oliver, K**. (1992, December). *Educational uses of Hypercard.* Presentation at the North Carolina Educational Technology Conference (NC-ETC), Greensboro, NC.

Presentations at NC State and Other Universities (reverse chronological)

*Estrada, M., Wiseman, A., & **Oliver, K.** (2023, February). *Preparing NC educators to 'teach the world': Culturally responsive teaching through technology and reflective practice*. Poster presented at the College of Education Research Celebration. Raleigh, NC: NC State University

Trivedi, S., Koutroumpos, P., Lindsay, E., Branan, A., **Oliver, K.,** & Simons-Rudolph, J. (2021, August). *Course quality cohort panel*. Panel presentation for DELTA's Summer Shorts 2021. Raleigh: NC State University.

Tobey, B., **Oliver, K.,** & Trivedi, S. (2021, August). *NC State faculty commitment to quality online/hybrid learning*. Presentation for DELTA's Summer Shorts 2021. Raleigh: NC State University.

Dixon, D., **Oliver, K.**, & Hoggan, C. (2021, February). *Expanding scholarly efforts through global collaborations.* Panel presentation for the College of Education's Research Café Series. Raleigh, NC: NC State University.

Oliver, K., Wiseman, A., & Pritchard, R. (2019, April). *Teachers abroad: Cultural connections, collections, and reflections.* Poster presented at the Global Engagement Expo. Raleigh, NC: NC State University Office of Global Engagement.

*Oliver, K., & Houchins, J. (2019, March). *Informing makerspace outcomes through a linguistic analysis of written and video-recorded project assessments*. Poster presented at the NC State College of Education's Celebration of Research Event. Raleigh, NC.

Oliver, K., Wiseman, A., & Pritchard, R. (2018, April). *Teachers abroad: Cultural connections, collections, and reflections.* Poster presented at the Global Engagement Expo. Raleigh, NC: NC State University Office of Global Engagement.

[#]**Oliver, K.** (2017, November). *Classroom robotics and Hummingbird*. Hands-on workshop with the Hummingbird robotics platform presented to the Faculty of Education at Charles University, Prague, Czech Republic.

[+#]**Oliver, K.** (2017, November). *Getting started with Moodle.* Hands-on workshop introducing the Moodle course management system requested by Czech faculty teaching at NC State's European Center in Prague.

[#]**Oliver, K.** (2017, November). *The maker approach to STEM education*. Hands-on makerspace workshop presented to the Faculty of Education at Charles University, Prague, Czech Republic.

[#]**Oliver, K.** (2017, November). *Teaching ICTs online*. Seminar presented to the Faculty of Education at Charles University, Prague, Czech Republic.

[+]**Oliver, K.** (2015, July). *Integrating writing, technology, and culture.* Featured speaker at New Literacies Teacher Leader Institute. Raleigh, NC: William & Ida Friday Institute for Educational Innovation.

Oliver, K., & Pritchard, R. (2014, April). *Digital tools for writing abstraction*. Paper presented for the Friday Institute's Seminar Series, Raleigh, NC: Friday Institute for Educational Innovation.

Oliver, K., & Pritchard, R. (2014, April). *Using mobile apps to capture and reflect on visual instances of culture during study abroad*. Poster presented at the 4th annual Global Engagement Exposition, Raleigh, NC: NC State University.

Oliver, K., & Pritchard, R. (2014, February). *Promoting reflective writing about culture during study abroad with Pinterest*. Presentation to CHASS faculty as part of "Uniquely NC State Digital Humanities: Working Together Across the Campus," CHASS "Lightning Rod" Event, Hunt Library.

[+][#]**Oliver, K.** (2013, April). *Promoting cognitive flexibility through a primary source database.* Presentation at Joint NC State University - University of Jyvaskyla Colloquium, Finnish Institute for Education Research, Jyvaskyla, Finland.

Oliver, K. (2012, July). *Smartphones in the classroom.* Teacher workshop presented at the New Literacies Institute, Raleigh, NC: Friday Institute for Educational Innovation.

Pritchard, R., **Oliver, K.,** Watson, T., & Kaulfuss, A. (2012, April). *Teachers integrating writing and technology during study abroad in the UK.* Poster presented at the 2nd annual Global Engagement Exposition, Raleigh, NC: NC State University.

Oliver, K. (2011, November). *Promoting cognitive flexibility through primary sources in the Plantation Letters database.* Brown bag presented to the Friday Institute for Educational Innovation, Raleigh, NC: NC State University.

Oliver, K. (2010, May). *Capturing and encouraging in-class discussion.* Faculty workshop presented as part of the Teaching in a 1:1 Environment faculty development program, Raleigh, NC: NC State University College of Education.

Anderson, J., Bolick, C. M., Crompton, H., **Oliver, K.,** & Young, C. (2010, February). *Teacher translational sessions.* Teacher workshop on practical technology applications presented at Collaborations: Humanities, Arts, and Technology (CHAT) Festival, UNC-Chapel Hill.

Oliver, K. (2009, July). *Introduction to Trailfire.* Teacher workshop presented at the New Literacies Teacher Leader Institute, Raleigh, NC: Friday Institute for Educational Innovation,

*****Oliver, K.,** Townsend, T., Argueta, R., & Stanhope, D. (2009, July). *Tools and resources for continuous improvement of technology in schools.* Workshop presented at the Institute on Leading Innovation: Implementing Effective 1:1 Learning Technology Programs, Raleigh, NC: Friday Institute for Educational Innovation.

*****[+]**Oliver, K.,** & Corn, J. (2007, August). *Designing measurable learning outcomes.* Invited Presentation to St. Augustine's College faculty at the annual Professional Development Institute, Raleigh, NC.

Oliver, K., & Soni, G. (2007, March). *Facilitating faculty connections: The technology practices directory.* Presentation at the Annual Meeting of the University of North Carolina Teaching and Learning with Technology Collaborative (UNC-TLT), Raleigh, NC.

Raubenheimer, D., & **Oliver, K.** (2006, April). *Using concept mapping in online courses to track student's conceptual development over a semester.* Presentation at NC State's 4th Annual Undergraduate Assessment Symposium, Raleigh, NC.

Raubenheimer, D., & **Oliver, K.** (2006, March). *Collaborative research on online concept mapping.* Presentation at the 2006 University of North Carolina Teaching and Learning with Technology Collaborative (UNC-TLT) Conference, Raleigh, NC.

Raubenheimer, D., & **Oliver, K.** (2006, March). *Alternative assessment with electronic concept mapping software.* Workshop presented at the 2006 University of North Carolina Teaching and Learning with Technology Collaborative (UNC-TLT) Conference, Raleigh, NC.

Oliver, K., & Raubenheimer, D. (2005, May). *Alternative assessment with electronic concept mapping software.* Two-hour workshop presented at the Teaching and Learning with Technology Summer Faculty Institute, North Carolina State University.

Raubenheimer, D., & **Oliver, K.** (2005, May). *Engaging learners with small group activities.* Two-hour workshop presented at the Teaching and Learning with Technology Summer Faculty Institute, Raleigh, NC: NC State University.

Oliver, K., & O'Sullivan, J. (2004, June). *Using handhelds to improve student literacy skills.* Two half-day workshops presented at the annual PT3 conference sponsored by UNC-Wilmington, NC.

Oliver, K. (1996, December). *Graphic design concepts for multimedia.* Half-day workshop presented as part of the continuing education program for faculty at Athens Area Technical Institute, Athens, GA.

Workshops for K-12 Schools (reverse chronological)

Oliver, K., Barrier, R., Newby, P., Houchins, J., & Engelke, A. (2021, August). *Programmed robotics in the school makerspace.* Three-day face-to-face workshop presented to teachers in the Piedmont

Unifour region of North Carolina in connection with a Student Science Enrichment Program (SSEP) grant from the Burroughs-Wellcome Fund.

Oliver, K., Barrier, R., Newby, P., Houchins, J., & Tatar, C. (2020, June). *Programmed robotics in the school makerspace.* Three-day online workshop presented to teachers in the Piedmont Unifour region of North Carolina in connection with a Student Science Enrichment Program (SSEP) grant from the Burroughs-Wellcome Fund.

Oliver, K., & O'Sullivan, J. (2004, June). *Writing winning grants for technology.* Workshop presented to entire staff of Petree Elementary School, Winston-Salem, NC.

TECHNICAL INNOVATION, ENTREPRENEURSHIP

Voices of the Russell School (2022-23), Received an internal DELTA Virtual Tours grant to support the development of a Matterport-based virtual tour of the historic Russell School in Durham, North Carolina. Captured video of school alumni and community supporters currently being edited to layer into tour at: https://my.matterport.com/show/?m=5ZvsSVc9ipY

Meeting of the Minds (2020-present), Member of College of Education faculty group with members from all three departments who are collectively planning a center for technical entrepreneurial development of education products (e.g., software, apps); funding received from college and university Non-Laboratory Scholarship Research (NSRP) program to organize and study other university labs offering similar functions

Locative Press Startup and Lab (2019-present), President/CEO of startup providing professional development, instructional design, and software services to clients interested in spatial/locative storytelling; startup emerged from my application to NC State's Office of Research Commercialization's (ORC) Sweat Equity Challenge program for new software development ventures; worked with Pathos/Ethos design firm in Durham (summer 2019) to create wireframes for a new web application to promote locative storytelling; the startup was disbanded in 2022 in favor of an academic lab: locativepresslab.weebly.com

iCorps (2018-19), applied to participate in the university's fall 2018 iCorps cohort through the Office of Technology Commercialization and New Ventures (OTCNV); led a faculty team through needs assessment activities with area teachers to frame needs and potential applications of locative storytelling software; mentored a team of graduate students in MBA 572 (spring 2019) to prepare a competitive analysis and business model informed by voice of consumer (VOC) interviews

Maker Professional Development Tool Kit (2015-present), Designer of web-based tool kit to support educator introduction to making and makerspaces; web site: makerpd.weebly.com

Plantation Letters (2006-present), Designer of Omeka Collection/Archive with Dublin Core metadata; original archive created in defunct FlashPaper format with assistance of DELTA Idea Grant, transferred to Omeka in 2021 with assistance of University Libraries Open Knowledge Center; conducted background analysis and digitization for resource at UNC's Wilson Library; web site: plantationletters.org

MAJOR SERVICE AND EXTENSION ACTIVITIES

Program-Level Service
Chair, Search Committee, Learning Design and Technology Assistant/Associate Professor (2018-19)

Coordinator, Learning Design & Technology, Undergraduate Concentration under Applied Education Studies (AES) Degree Plan (2019-present): lead developer of concentration to serve undergraduates interested in a non-teaching option in the education field related to entrepreneurship and technical innovations; field student queries, attend marketing/recruiting events; maintain web site and curriculum guide; facilitating development of planned new courses for program

Coordinator, Learning Design & Technology, Master's Programs (2008-2015): led effort to change master's programs to distance education in 2009 with subsequent program growth; developed new courses and submitted course actions to update program curriculum; created and populate three social network feeds; created three versions of program brochures and poster panels for recruitment; exhibit program at state technology conference NC-TIES; data collection and analysis related to accreditation for 079/077 endorsements on teacher licensure

Coordinator, Learning Design & Technology, Doctoral Program Area of Study (PAS) under TELS PhD (2008-2015; 2018-2022): lead developer of new PAS with negotiated participation from more than 20 faculty/researcher participants across three colleges; field hundreds of queries per year; pre-screen and synthesize applicants for faculty review; maintain curriculum, doctoral handbook, and develop and implement policies such as preliminary exam guidelines

Coordinator, Graduate Certificate in Learning Analytics (2020-2021)

Co-Coordinator, Graduate Certificate in E-Learning (2008-2010)

Designated Peer Mentor to Julia McKeown, new Teaching Assistant Professor (2016); and Shiyan Jiang, new Assistant Professor (2019)

Member, Search Committee, Teaching Assistant Professor, Digital Learning & Teaching (2016)

Department-Level Service
Chair, Course Cap Task Force, investigating issue of course caps across department courses (undergraduate through graduate, face-to-face and online) (2016)

Chair, TELS Department Voting Faculty (DVF) for RPT and Contract Renewal Processes (2017; 2021)

Chair, Post-Tenure Review Committee (2021; 2022)

Member, Andrews Fellowship Selection Committee (2022)

Member, TELS PhD Coordinating Committee (2020-present)

Member, Diversity and Social Justice Work Group (2020-21)

Member, Awards Committee, Department of Teacher Education and Learning Sciences (2018-present)

Peer Reviewer of Teaching: Shiyan Jiang (ECI 587, 2021); Jessica Hunt (ECI 585, 2019); Julia McKeown (ECI 519, 2018); Hollylynne Lee (EMS 580, 2017); Cheryl Caddell (ECI 562, 2017); Teya Rutherford (EDP 575, 2016); Hiller Spires (ECI 546, 2011)

Web Site Task Force, Committee Chair (2016), providing review of cross-program Web pages to promote consistency and thoroughness

College-Level Service
Member, Search Committee for Department Head of STEM Education (2023)

Committee Member, Research Compliance Case (2020-21)

Coordinator, Distance and Remote Learning Task Force (2020-2022)

Diversity, Equity, and Inclusion (DEI) Task Force, Member and Co-Lead of Faculty Development Working Group (2020-2022)

Department Representative, College Campaign, "Winter Bash" Fundraising Event (2019, 2020)

Department Representative, College RPT Committee, College of Education (2018-20)

Faculty Panelist providing feedback on College of Education applications for NSF Graduate Student Fellowship, Doctoral Student Association (2015, 2016)

Member (2017-2020) and Chair (2019-2020), Building, Equipment, Safety, & Space (BESS) Committee
Member (2005-2014), and Chair (2006-2007, 2010), College Computing and Technology Committee
Member, Nominating Committee, Goodnight Distinguished Professor in Educational Equity (2021)
Member, Search Committees; Media and Educational Technology Resource Center Director (2017);
    Media Center Director (2012)
Planning Team, Global Strategic Planning Team (2018-2022)

University-Level Service
Alternate Delegate, UNC System Faculty Assembly (2015-2017)
DELTA Peer Faculty Mentor, QM-Based Online Course Improvement Program (2021-2022)
DELTA Wolfpack Peer Reviewer, QM Online Course Quality Program (2021-2022)
DELTA Online Learning Environments Working Group (2018-2020)
DELTA Learning Management Systems Steering Committee, faculty member (2011-2015)
DELTA WebCT Course Exemplar Committee (2006)
Design Team, LITRE Technology Practices Directory, Office of Institutional Research and Planning
    (2006-2007)
DELTA Learning Management System Implementation Committee (SLIC), Assessment Subcommittee.
    (2005-2006)
Host for Building Future Faculty Minority Recruitment Program, Office for Institutional Equity and
    Diversity (2012, 2019)
Member, University Council on Teacher Education (2011-2015)
Mentor, Provost's Experience Program (PEP) for Undergraduate Research, Manishka Mathur - Computer
    Science (2018-2019); Nina Ondona - Mechanical Engineering (2017-2018); Mariam Elias -
    Technology Education (2015-2017)
Planning Committee, McKimmon Center for Continuing Education, Internet Safety Conference (2008)
Search Committee, Digital Transformation of Education Cluster Hire for five new faculty positions, with
    11 on-campus interviews, Office of the Executive Vice Chancellor and Provost, Chancellor's Faculty
    Excellence Program (2012-2014)
Sponsor, University Graduate Student Research Symposium, Rob Moore (2018), Nancy Smith (2018),
    Karen Tharrington (2017)

Service to Schools and Peer Institutions, Extension
Advisory Board Member, NSF-ITEST scale-up proposal, "STEM and ICT Instructional Worlds: The 3-D
    Experience," Appalachian State University (2011-2013)
External Reviewer of blended course prototypes, Cary Academy (2014)
Program Developer, NC Department of Public Instruction, collaborated on Instructional Technology
    division's Impact in the Classroom initiative to plan a joint master's degree in digital learning
    between NC State, Appalachian State, and UNC-Charlotte, that included two courses from our
    master's program, including one new mobile learning course developed specifically for the joint
    master's degree that I received a mini-grant to co-develop (2012)
Program Developer, Western North Carolina Education Network (WNCEdNet), upon request, developed
    a proposal to establish a cohort between WNCEdNet and our Digital Learning master's program for
    advance training of technology facilitators in seven western NC local education agencies (2014)
RPT External Reviewer for Peer Institutions: UNC-Charlotte (2020), Brigham Young (2020), George
    Mason (2018), University of Arkansas (2016), Boise State (2013)
Reviewer of New Programs Proposed by Peer Institutions for UNC System
    new MS in Data Analytics, NC A&T (2022)
    new MA in Educational Innovation, Technology, and Entrepreneurship, UNC-Chapel Hill (2015)
    new MA in Instructional Technology, Appalachian State University (2014)

Extension in Piedmont Unifour Districts (Alexander, Burke, Caldwell, Catawba counties), seeding new maker clubs into 24 area schools with programmed robotics technology and related teacher- and student-leader training, via Burroughs-Wellcome Fund grant (2020-2023)

Extension in Wake County Schools, Wake Young Women's Leadership Academy, established a new maker club with materials and equipment for circuitry, fabrics and fibers, fabrication, and programmed robotics, via Burroughs-Wellcome Fund grant (2016-2019)

Service to Professional Associations, Related Editorial Boards

American Educational Research Association (AERA)
> Conference Proposal Reviewer, AERA (SIG-IT) (varied years)

Association for the Advancement of Computing in Education (AACE)
> Conference Proposal Reviewer, AACE Ed-Media, AACE SITE (varied years)
> Editorial Review Board of the *Journal of Online Learning Research*, a journal of the Association for the Advancement of Computing in Education (AACE) (2014-present)

Association for Educational Communications and Technology (AECT)
> Assistant to VP of Communications offering newsletter support, Association for Educational Communications and Technology (AECT), Division of Distance Learning (DDL) (2021)
> Conference Proposal Reviewer, AECT (varied years)
> VP of Finance (Elected), Association for Educational Communications and Technology (AECT), Division of Distance Learning (2021-2024)
> Consulting Editor for *Educational Technology Research & Development*, a journal of the Association for Educational Communications and Technology (AECT) (2006-present)

International Society for Technology in Education (ISTE)
> Editorial Board for the *Journal of Digital Learning in Teacher Education*, a journal of the International Society for Technology in Education (ISTE) (2005-present)
> Research Chair, Global Collaboration PLN, International Society for Technology in Education (ISTE) (2015-2016)

National Science Foundation (NSF)
> External Review Panelist, National Science Foundation, Division of Information and Intelligent Systems (IIS), Cyberlearning and Future Learning Technologies program (2017)
> External Review Panelist, National Science Foundation, Division of Research on Learning in Formal and Informal Settings (DRL), Credit Recovery Online Courses for At-Risk Learners (2013)

NC Chapter, Fulbright Association
> Treasurer (Elected), North Carolina Chapter of the Fulbright Association (2021-present)

Other Organizations
> QM-Certified Higher Education Peer Reviewer, Quality Matters (QM) (2021-present)
> Ad Hoc Manuscript Reviewer, upon request of editor, reviewed 12 manuscripts for: *Distance Education*, *Educational Researcher*, *International Journal of Science Education*, *International Review of Research in Open and Distance Learning*, *Journal of Computing in Higher Education*, and *Journal of Science Education and Technology, Tech Trends* (2008-present)

AWARDS AND RECOGNITIONS

Academies, Fellowships, Rosters
UNC System Faculty Fellow (2022)
Fulbright Specialist Roster (four-year tenure, 2021-2025)
NC State, Academy of Outstanding Faculty Engaged in Extension and Engagement (AOFEE) (2016)
UNC System Instructional Innovation Incubator, i3@UNC Faculty Fellow (2014)
Friday Institute Research Fellow (2013)

International Delegations
NC State Faculty Global Symposium in Prague, sponsored by Office of International Affairs, including meetings with faculty in three Czech universities (Charles, Czech University of Life Sciences, Czech Technical) (2017)
College of Education Faculty Colloquium in Finland, including meetings with faculty in three Finnish universities (Helsinki, Tampere, Jyvaskyla), resulted in follow-up collaboration with two Tampere faculty who visited NC State in 2016 to meet with our teachers traveling to Finland on study abroad

Academic Awards and Recognitions
Distance Ed Journal Article Award (Quant), 2nd Place, AECT Division of Distance Learning (2020)
Outstanding Journal Article Award, 1st Place, AECT Design and Development Division (2020)
Outstanding Paper Award, AACE Ed-Media Conference (2018)
University Global Engagement Award, three-time College of Education nominee (not awarded), NC State University (2017-19)
Outstanding Graduate Faculty Mentor Award Finalist (not awarded), NC State University (2018)
Outstanding Extension Service Award, NC State University (2016)
Gertrude Cox Award for Innovative Excellence in Teaching and Learning with Technology, NC State University (2015)
University Faculty Scholars Program, four-time nominee by two department heads (Vasu, Sztajn) (not awarded), NC State University (2013-16)
Outstanding Poster Award, AACE SITE Conference (2011)
AECT National Conference Intern Award (1997)

Honor Societies and Scholarships
Phi Kappa Phi Higher Education Honorary (1999)
Phi Delta Kappa Education Honorary (1998)
Honorable Mention, ECT Mentor Endowment Scholarship Competition (1998)
Alpha Delta Sigma Advertising Honorary (1990)
Kappa Tau Alpha Journalism Honorary (1990)
Knoxville News-Sentinel Advertising Scholarship (1989-90)
The University of Tennessee Mortar Board (1989-90)
Outstanding College Students of America (1989)
Golden Key National Honor Society (1989)
Phi Eta Sigma Honorary (1987)
Alpha Lambda Delta Honorary (1987)

REFERENCES

Rob Moore, Assistant Professor, Institute for Advanced Learning Technologies
University of Florida
robmoore@coe.ufl.edu
352-273-4214
Relationship: Former doctoral student, chaired dissertation committee (2019 graduate), co-author, co-presenter

Ruie Pritchard, Professor Emeritus, English Education
Teacher Education and Learning Sciences (TELS)
North Carolina State University
rjpritch@ncsu.edu
919-793-4273
Relationship: faculty colleague, co-led four study abroad programs together (2011-2016), co-PI, co-author, co-presenter

Angela Wiseman, Associate Professor, Literacy Education
Teacher Education and Learning Sciences (TELS)
North Carolina State University
amwisema@ncsu.edu
919-605-5487
Relationship: faculty colleague, co-founder of startup company (locativepresslab.weebly.com) (2018-present), co-led five study abroad programs together (2016-present), co-PI, co-author, co-presenter