

KEVIN OLIVER

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FORMAL EDUCATION

- May 1999 Ph.D. - Instructional Technology, University of Georgia, Athens
Committee: Michael Hannafin (Chair), Tom Reeves, Lloyd Rieber, Lynne Schrum
May 1993 M.Ed. - Educational Media & Instructional Design, School of Ed., UNC-Chapel Hill
May 1990 B.S. - Communications - Advertising, University of Tennessee, Knoxville

CONTINUING EDUCATION

- 2014 Statement of Accomplishment with Distinction - Exploratorium MOOC on “Tinkering Fundamentals: A Constructionist Approach to STEM Learning”
2007 N.C. Professional Education License - Instructional Technology Specialist (00077)
2004 Certificate - Facilitating and Implementing Online Professional Development, EDC

ACADEMIC POSITIONS

- 2005-present Professor, Learning Design & Technology, Department of Teacher Education and Learning Sciences, North Carolina State University (promoted from Associate Professor to Professor in fall of 2017)
2002-2004 Project Co-Director, Southeast Regional Technology in Education Consortium (RTEC), SERVE Regional Education Lab, UNC-Greensboro
1999-2002 Instructional Design and Evaluation Specialist, Educational Technologies, Virginia Tech
1998-1999 Instructor, Curriculum and Instruction, Southern Illinois University at Carbondale

VISITING APPOINTMENTS

- Nov 2017 Visiting Lecturer, Charles University Faculty of Education, Department of Information Technology and Technical Education, Prague, Czech Republic

SPONSORED GRANTS AND CONTRACTS

My research examines student acquisition of cultural and scientific outcomes in technology-rich distant (online/abroad) and informal learning settings.

New Grants, Pending

Mott, B., **Oliver, K.**, & Minogue, J. (under review). *Building a computational thinking foundation in upper elementary science with narrative-centered maker environments*. National Science Foundation, \$1,599,907.

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

Oliver, K., & Pritchard, R. (2016-19). *Preparing teachers for cultural connections, collections, and reflections through technology*. Triangle Community Foundation Borchardt Fund, \$279,904. Project Web sites: <http://finlandccr.weebly.com/> <http://swedencr.weebly.com/> <http://czechccr.weebly.com/>

- Oliver, K.,** & Wiebe, E. (2016-19). *Innovative exploration of science and technology (iNEST)*. Burroughs-Wellcome Fund, \$177,428. Project Web site: <http://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. Project Web site: <http://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 Schools*. North Carolina Department of Public Instruction, \$71,315.

Funded Internal Awards (reverse chronological)

- Oliver, K.** (2015). *Teaching 3d design and printing in an informal learning course*. Technology Incubator Grants for i3@UNC Alumni. University of North Carolina, \$974.
- Oliver, K.** (2006). *Promoting scientific thinking through collaborative online concept mapping*. NCSU Faculty Research and Professional Development (FRPD) Fund, \$5000.
- Oliver, K.** (2006). *Theoretical perspectives on advanced multimedia design*. NCSU Innovation in Distributed Education Applications (IDEA) Grant, \$8000.
- Oliver, K.** (2006). *Faculty technology practices database*. NCSU Learning in a Technology Rich Environment (LITRE) Grant, \$6000.
- Oliver, K.,** & Raubenheimer, D. (2005). *Collaborative online concept mapping*. NCSU Learning in a Technology Rich Environment (LITRE) Grant, \$2500.
- Meeks, H., & **Oliver, K.** (2004). *Wireless proximity services on location in student teaching facilities*. NCSU Learning in a Technology Rich Environment (LITRE) Grant, \$3500.

Service to Other External Awards 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.

Non-Funded External Proposals (reverse chronological)

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

Non-Funded Internal Proposals (reverse chronological)

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.

PUBLICATIONS

Citation Indices

Google Scholar, <https://scholar.google.com/citations?user=ect6PnwAAAAJ>

Research Gate, https://www.researchgate.net/profile/Kevin_Oliver2

Criteria*	All	Since 2013
number of citations	n=3149	n=1267
h index (h publications have at least h citations)	23	19
i10 index (number of pubs with at least 10 citations)	37	26

*Source: Google Scholar, October 3, 2018

New Journal Articles, In Process

Moore, R., & **Oliver, K.** (under review). Understanding the role of cognitive presence in MOOC discussion forums. *Computers & Education*.

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

Oliver, K., Houchins, J., & Moore, R. (resubmitted). Informing makerspace outcomes through a linguistic analysis of written and video-recorded project assessments. *International Journal of Science and Mathematics Education*.

Published Journal Articles, Peer Reviewed (reverse chronological)

Oliver, K., & Purichia, H. (2018). Testing a hybrid pedagogical strategy for analyzing primary source OER. *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., & 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).
- 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.
- 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.,** 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.,** 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.** (2007). Design and development of a faculty technology practices directory. *Educause Quarterly*, 30(4), 38-47.
- 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.** (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.
- 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.

New Books, In Process

- Oliver, K.** (in development). Technology solutions for connecting to culture and history in study abroad.

Published Book Chapters (reverse chronological)

- 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. Available: <http://urn.fi/URN:ISBN:978-952-03-0500-0>
- 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.

Published Magazine and Newsletter Articles (reverse chronological)

- Oliver, K.** (2015). Capturing global perspectives during study abroad. *Online Classroom*, 15(11), 1,3.
- Oliver, K., & Lee, J.** (2011). Exploring history in plantation letters. *Learning and Leading with Technology*, 38(6), 24-26.
- Oliver, K. M.** (2010). Integrating Web 2.0 across the curriculum. *Tech Trends*, 54(2), 50-60.
- Oliver, K. M.** (2008). Media magic. *Learning & Leading with Technology*, 35(7), 33.
- Oliver, K. M.** (2008). Good for business. *Learning & Leading with Technology*, 35(6), 30.
- Oliver, K. M.** (2008). Active matters. *Learning & Leading with Technology*, 35(6), 38.
- Oliver, K. M.** (2007-2008). Learning the lay of the land. *Learning & Leading with Technology*, 35(4), 37.
- Oliver, K. M.** (2007). Google docs and spreadsheets. *Learning & 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. M.** (2007). Student collaboration with trees and trails. *Learning & Leading with Technology*, 35(2), 33.
- Oliver, K. M., & Raubenheimer, C. D.** (2007, July). Strategies for online concept mapping, part 2. *Online Classroom*. 1-3.
- Oliver, K. M., & Raubenheimer, C. D.** (2007, June). 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 & Leading with Technology*, 32(2) 16-21.
- Oliver, K. M., Eckel, C. C., & Ball, S. B.** (2002). Wireless interactive teaching simulations. *Syllabus*, 16(3), 33-36.
- Oliver, K. M.** (1997). Getting on-line with K-12 Internet projects. *Tech Trends*, 42(6), 33-40.

Published Conference Proceedings (reverse chronological)

- 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. Ostashevski (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.

Edited Volumes (reverse chronological)

- Kennedy, K., Freidhoff, J., & **Oliver, K.** (Eds.). (2014). Current trends and issues in K-12 online and blended teaching and learning. 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.

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.

Published Web Sites

- Oliver, K.** (2018-present). *Czech cultural connections, collections, and reflections* [Project Web Site]. Retrieved from: <http://czechccr.weebly.com/>
- Oliver, K.** (2016-present). *iNEST maker club* [Club Blog]. Retrieved from: <https://makingclub.weebly.com/club-blog>
- Oliver, K.** (2016). *iNEST maker club* [Project Web Site]. Retrieved from: <http://makingclub.weebly.com/>
- Oliver, K.** (2017). *Swedish cultural connections, collections, and reflections* [Project Web Site]. Retrieved from <http://swedenccr.weebly.com/>
- Oliver, K.** (2016). *Finnish cultural connections, collections, and reflections* [Project Web Site]. Retrieved from <http://finlandccr.weebly.com/>
- Oliver, K.** (2015). *Maker professional development* [Tool Kit]. Retrieved from: <http://makerpd.weebly.com/>
- Oliver, K.** (2014). *Integrating writing and technology* [Project Web Site]. Retrieved from: <http://surreyteachers2014.weebly.com/>
- Oliver, K., & Lee, J.** (2009-present). *Plantation letters* [Primary Source Database and Search Engine]. Retrieved from: <http://plantationletters.com/>

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 scheduled 56 times by the university registrar, or an average of 4 courses per year for 14 years. During this period, I received one scholarly leave/sabbatical (Spring 2018).

	Course	Title	Semester(s) Taught
1.	ECI 511	Technology Integration Theory and Practice (online course)	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 course)	Sum 18, Sum 17, Sp17, Sum16, Sp15, F13, Sp13, Sp12, Sp11, Sp10, F08, F07, F06
3.	ECI 515	Online Collaborations in Education (online course)	F17, F16, F15
4.	ECI 517	Theoretical Foundations of Advanced Learning Environments (online course)	F18, F12, F11, Sp11, Sp10, Sp07, Sp06
5.	ECI 518	Program and Staff Development in Instructional Technology (online course)	Sp16, F14
6.	ECI 716	Design and Evaluation of Instructional Materials (online course)	F09, Sp09, Sp08, Sp07, Sp06
7.	ECI 721	Technology and Informal Learning Environments (online course)	F18, F17, F16, Sp16

8.	ECI 722	Theory and Research in Distance Education (online course)	Sp 17, Sp 19
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Courses Co-Developed at NC State

I received a small course development grant from the NC Department of Public Instruction to co-develop a new online course on mobile learning (ECI 512). I co-developed a new online course as an orientation to the field and our master's program (ECI 519). I served as Co-PI and PI on three Triangle Community Foundation grants to co-develop a new study abroad course, providing professional development and international travel opportunities to England, Finland, Sweden, and the Czech Republic for more than 100 in-service teachers in summer 2011, 2013, 2014, 2016, 2017, and 2018 (ECI 519).

	Course	Title
1.	ECI 512	Emerging Technologies for Teaching and Learning (online course)
2.	ECI 519	Special Topics: Digital Learning Workshop (online course)
3.	ECI 519	Special Topics: Integrating Writing, Technology, and Culture (study abroad course, 2011-14) Special Topics: Cultural Connections, Collections, and Reflections (study abroad course, 2016-18)

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.

MS/PhD 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

1. 2018 Nancy Smith (chair), Winston-Salem State Faculty
2. 2018 Robert Moore (chair), Post-Doc, UNC-Charlotte
3. 2017 Karen Tharrington (chair), NC State Faculty, CHASS
4. 2016 Amanda Cadran (chair), Learn Platform
5. 2015 Brandon Simmons (chair), Senior Administrator, Data & Accountability, Wake Co Schools
6. 2014 Shaun Kellogg (chair), Research Associate, NC State Friday Institute
7. 2014 Mary Ellen Wells (chair), UNC School of Medicine Faculty
8. 2014 T. J. Wolfe (chair), Regent University Faculty
9. 2013 Biljana Belamaric-Wilsey (chair), SAS Institute
10. 2012 Zeynep Yurtseven Avci (co-chair), Eskisehir Osmangazi University, Turkey
11. 2011 Sharon Booth (chair), Senior Research Scholar, NC State Friday Institute
12. 2008 Jeni Corn (co-chair), Research Triangle Institute

PhD dissertation completed as Committee Member

1. 2018 Susie Boles
2. 2018 Sarah Glova
3. 2017 Daniel Kelly
4. 2017 Doug Lecorchick

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

PhD dissertation in progress as Chair or Co-Chair

1. Danielle Boulden (in candidacy)
2. Emma Braaten
3. Preference Evans (in candidacy)
4. Jennifer Houchins
5. Angelica Morgan
6. Kevin Whitley (in candidacy) (co-chair)

PhD dissertation in progress as Committee Member

1. Christina Azmy
2. Susie Boles
3. Angela McNeill
4. Chip Sheffield
5. Corey White

MS thesis completed as Chair or Co-Chair

1. 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 (Total = 2)

1. Mande Mintz
2. Lori Stroud

PRESENTATIONS

International Research Presentations, Refereed (reverse chronological)

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

National Research Presentations, Refereed (reverse chronological)

- Oliver, K.,** Pritchard, R., Wiseman, A., & Cook, M. (2019, May). *Teacher professional development in an international context: Fostering intersections between technology and culture*. Paper presented at the IAFOR Conference on Educational Research and Innovation, Blacksburg, VA.
- Oliver, K.,** Houchins, J., & Moore, R. (2019, March). *Capturing computational thinking in the informal makerspace*. Brief paper presented at the Society for Information Technology and Teacher Education (SITE) Annual Conference, Las Vegas, NV.

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

Regional and State Research Presentations, Refereed (reverse chronological)

- 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.
- 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.,** & 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.,** & 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.,** & 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.
- 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.,** & 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.
- 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.
- 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.
- 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.

Non-Research Presentations (reverse chronological)

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

Invited Presentations (reverse chronological)

- 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.**, & 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>
- 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.** (2014, October). *Varying the audience and topic of writing with technology*. Webinar for the NC Department of Public Instruction's MOOClet: Effective Digital Strategies for Teaching and Learning in the K-12 Classroom.
- Oliver, K.** (2013, April). *Promoting cognitive flexibility through a primary source database*. Presentation at NC State/University of Jyväskylä Colloquium, Finnish Institute for Education Research, Jyväskylä, Finland.
- Cavanaugh, C., Lowes, S., & **Oliver, K.** (2011, November). *Recent research on online teaching and learning: Implications for practice*. Panel presentation at the Virtual School Symposium (VSS), Indianapolis, IN.
- Dawley, L., Haskell, C., **Oliver, K.**, Baab, L., & Lowes, S. (2010, November). *Recent research on online teaching and learning: Implications for practice*. Panel presentation at the Virtual School Symposium (VSS), Glendale, AZ.
- Lowes, S., Cavanaugh, C., Parra, J., Zygouris-Coe, V., & **Oliver, K.** (2009, November). *Recent research on online teaching and learning: Implications for practice*. Panel presentation at the Virtual School Symposium (VSS), Austin, TX.
- 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.** (2008, March). *JCTE Author Perspectives, Podcast Episode 3*. Eugene, OR: International Society for Technology in Education (ISTE). Retrieved March 30, 2008, from <http://www.iste.org/Content/NavigationMenu/Membership/Podcasts/Podcasts.htm>
- 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.

National Conference Workshops (reverse chronological)

- 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.**, & 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.**, & 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.**, 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 (NCetc), 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.
- 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.

School and University Workshops (reverse chronological)

- 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.**, Evans, M., & Eseryel, D. (2015, February). *Socially-mediated learning environments*. Research seminar presented to Teacher Education and Learning Sciences (TELS) Department, Raleigh, NC: NC State University.
- 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.** (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, University of North Carolina, 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.**, & 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). *Writing winning grants for technology*. Afternoon workshop presented to entire staff of Petree Elementary School, Winston-Salem, 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.

MAJOR SERVICE ACTIVITIES

Department/Program Level Service

Course Cap Task Force, Committee Chair (2016), providing research-based input into issue of course caps across department courses (undergraduate through graduate, face-to-face and online)

Department Awards Committee, Elected Member (2018-present)

Departmental Voting Faculty (DVF) for RPT Process, Elected Chair (2017)

Designated Peer Mentor to Julia McKeown, Teaching Assistant Professor (2016)

Developer and Co-Coordinator, E-Learning Certificate Program (2008-2010)

Developer, Undergraduate Curriculum Action, collaborating with Associate Dean Sztajn and colleague Julia McKeown to co-plan a new undergraduate sub-plan in Learning Design & Technology (2017-present)

Peer Reviews of Teaching

2018, Julia McKeown, ECI 519, Developing and Delivering Online Instruction

2017, Hollylynne Lee, EMS 580, Teaching Mathematics with Technology

2017, Cheryl Caddell, ECI 562 Program Management in Business and Marketing Education

2016, Teya Rutherford, EDP 575 Multicultural Lifespan Development

2011, Hiller Spires, ECI 546 New Literacies and Media

Program Coordinator, Learning Design & Technology (formerly Digital Learning & Teaching, Instructional Technology) (master's and doctoral 2008-2015; doctoral 2018-present) major accomplishments: led effort to designate master's program a distance ed program in 2009 with subsequent program growth; submitted ten course actions to update program curriculum and name; lead developer of new doctoral program area of study in Learning Design & Technology with negotiated participation from more than 20 faculty/researcher participants across three colleges; development of Web-based digital resources for students such as curriculum planners, forms, FAQs, portfolio guide, and doctoral handbook; created and populate three social network feeds for program; worked with design agency three times on program brochures and poster panels to aid recruitment; exhibit program annually at state educational technology conference NC-TIES

Search Committees

Tenure-Track Digital Learning & Teaching Assistant/Associate Professor (Chair, 2018-present)

Teaching Assistant Professor, Digital Learning & Teaching (2016)

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

College Level Service

Building, Equipment, Safety, & Space (BESS) Committee (2017-present)

College Computing and Technology Committee (2005-2014), Chair (2006-07, 2010)

College RPT Committee, TELS Representative (2018-present)

Doctoral Student Association

- 2016, graduate student research showcase, attendee
- 2016, 2015, served on panels to read and provide feedback to College of Education students applying for NSF Graduate Student Fellowships

Search Committees

Media and Technology Resource Center Director (2017)

Media Center Director, College of Education (2012)

University Level Service

DELTA Online Learning Environments Working Group (2018-present)

UNC Faculty Assembly, alternate delegate (2015-2017)

University Council on Teacher Education, member (2011-2015)

Distance Education and Learning Technologies Applications (DELTA), Learning Management Systems Steering Committee, faculty member (2011-2015)

Office of the Executive Vice Chancellor and Provost

- UNC Press reception at Chancellor's home, invited attendee (2015)
- Chancellor's Faculty Excellence Program, Search Committee, Digital Transformation of Education Cluster Hire for five new faculty positions, included: personal calls (3), phone interviews (9), committee meetings (21), on-campus interviews and presentations (11), and candidate meals (11) (2012-2014)
- Chancellor's Faculty Excellence Program, attendee, Hunt Library luncheon for new faculty commons (2013)
- Breakfasts with Faculty Program, participant (2013)

College of Agriculture and Life Sciences, advisory team member for Amy Chilcote, Extension Associate Curriculum Lead K-12 Outreach Coordinator, to evaluate an online module developed for the national 4H council on inquiry-based learning methods

Office for Institutional Equity and Diversity, Host for Building Future Faculty Minority Recruitment Program (2012)

McKimmon Center for Continuing Education, Internet Safety Conference Planning Committee (2008)

Design Team, LITRE Technology Practices Directory (2006-2007)

Distance Education and Learning Technologies Applications (DELTA), WebCT Course Exemplar Committee (2006)

Distance Education and Learning Technologies Applications (DELTA), Strategic Learning Management System Implementation Committee (SLIC), Assessment Subcommittee. (2005-2006)

Service to Peer Institutions

RPT Reviewer for Peer Institutions

- external reviewer of tenure materials for George Mason University Assistant Professor (2018)
- external reviewer of tenure materials for University of Arkansas assistant professor (2016)
- external reviewer of tenure materials for Boise State University assistant professor (2013)

Program Reviewer for Peer Institutions at the Request of the UNC System

- new MA in Educational Innovation, Technology, and Entrepreneurship, UNC-Chapel Hill, program reviewer (2015)
- new MA in Instructional Technology, Appalachian State University, program reviewer (2014)

Appalachian State University, reviewed mock grants and rated candidate presentations as part of library science course project, Nita Matzen instructor (2014)

Cary Academy, provided an external review of blended course prototypes and attended two days of meetings (2014)

Appalachian State University, advisory board for NSF-ITEST scale-up proposal, “STEM and ICT Instructional Worlds: The 3-D Experience” (2011-2013)

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)

National Science Foundation, Division of Research on Learning, external reviewer of proposals on topic of credit recovery online courses for at-risk learners (2013)

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)

Education Development Center, by request, wrote a letter of support for EDC’s bid for the National Research and Development Center on Virtual Education (2011)

Service to Professional Associations and Journals

American Educational Research Association (AERA). Instructional Technology Special Interest Group (SIG-IT), Conference Proposal Reviewer

Association for the Advancement of Computing in Education (AACE). *SITE* Program Committee, Editorial Review Board of the *Journal of Online Learning Research* (2014-present)

Association for Educational Communications and Technology (AECT). Consulting Editor for *Educational Technology Research & Development* with 34 manuscripts reviewed to date (2006-present)

International Association for K-12 Online Learning (iNACOL), Research Committee, member (2011-2012)

International Society for Technology in Education (ISTE). Editorial Board for the *Journal of Digital Learning in Teacher Education* with 35 manuscripts reviewed to date (2005-present), Leadership Team (Research Chair) for Global Collaboration Professional Learning Network (PLN) (2015-present)

Ad Hoc Manuscript Reviewer, upon request of editor, reviewed an additional 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

NC State, Academy of Outstanding Faculty Engaged in Extension and Engagement (AOFEE) (2016)

Fellowships

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 my Triangle Community Foundation Borchardt grant funded to visit NC State in 2016 and meet with teachers traveling to Finland (2013)

Academic Awards

Outstanding Paper Award, AACE Ed-Media Conference (2018)

NC State, Global Engagement Award (College Nominee, not awarded) (2017, 2018)

NC State, Outstanding Graduate Faculty Mentor Award (Finalist, not awarded) (2018)

NC State, Outstanding Extension Service Award (2016)

NC State, Gertrude Cox Award for Innovative Excellence in Teaching and Learning with Technology (2015)

Outstanding Poster Award, SITE Conference (2011)

Phi Kappa Phi Higher Education Honorary (1999)

Phi Delta Kappa Education Honorary (1998)

Honorable Mention, ECT Mentor Endowment Scholarship Competition (1998)

AECT National Conference Intern Award (1997)

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)