

KYLIE PEPPLER
Curriculum Vitae, January 2017

Learning Sciences Program
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EDUCATION

Ph.D., Education
B.A., Psychology, French, and Studio Art

University of California, Los Angeles, 2007
Indiana University, Bloomington, 2002

CURRENT APPOINTMENT

Associate Professor, Learning Sciences, School of Education, Indiana University, 2008 – present.

PRIOR APPOINTMENTS

- Postdoctoral Research Associate, “Uncovering Literacies, Disrupting Stereotypes: Media Arts Practices of Youth with (Dis)Abilities.” Mark Warschauer, University of California, Irvine, 2007.
- Postdoctoral Research Associate, “Investigating Media Arts as a Platform for Technology Fluency.” Yasmin B. Kafai, UCLA, 2007.
- Postdoctoral Research Associate, “Arts in the Middle (AIM): Arts in Education Model Development and Dissemination (AEMDD)”. Principal Investigator: James Catterall, UCLA, 2007.
- Senior Graduate Research Assistant, “ITR: A Networked, Media-Rich Programming Environment to Enhance Technological Fluency at After-School Centers in Economically-Disadvantaged Communities.” Principal Investigators: Yasmin B. Kafai, UCLA and Mitchel Resnick, MIT Media Lab, 2004 – 2007.
- Graduate Research Assistant, “Investigating Science-Based Immersive Online Environments”. Principal Investigator: Yasmin B. Kafai, 2005-2007.
- Graduate Research Assistant, “Evaluating Learning in the Arts during LA’s BEST After-School Arts Program (ASAP).” Principal Investigator: James Catterall, UCLA, 2005 – 2006.
- Graduate Research Assistant, “Computer Mentoring Partnerships: A Research Collaboration between Youth Opportunities Unlimited (Y.O.U.), Inc. and UCLA Undergraduates to Promote Technology Fluency.” Principal Investigator: Yasmin Kafai, UCLA, 2004-2005.
- Graduate Research Assistant, “Project HOOP, Honoring Our Origins and People Through Native Theater, Education, and Community Development.” Principal Investigators: James Catterall and Hanay Geigamah, UCLA, 2003-2005.
- Graduate Research Assistant, “Visual Arts Education and The Worldviews of Inner-City Children.” Principal Investigator: James Catterall, UCLA, 2002-2003.

COURSES TAUGHT

- Graduate Topical Seminar: Constructionism (ED P674), Indiana University
- Graduate Topical Seminar: Designing for Change (ED P674), Indiana University
- Online Graduate Topical Seminar: Learning in New Media (ED P574), Indiana University
- Graduate Topical Seminar: Learning in New Media (ED P650/P674), Indiana University
- Apprenticeship in the Learning Sciences (ED P573), Indiana University
- Educational Psychology for All Grades (ED P254), Indiana University
- Culture, Technology, and Human Development (ED 194B), UCLA
- Culture, Communications, and Human Development (ED 194C), UCLA
- Quantitative Statistics (PSYCH P211), Indiana University
- Neural Bases of Human Behavior (PSYCH E105), Indiana University
- Introductory Psychology (PSYCH P101), Indiana University

CURRENT FUNDED RESEARCH

- Peppler, K. (\$499,964; August 2016 – July 2021). CAREER: Designing a New Nexus: Examining the Social Construction of Electronics and Computing Toolkits to Broaden Participation and Deepen Learning (#1453195). The National Science Foundation.
- Bevan, B., Scarff, L., Bell, P., Peppler, K., Sefton-Green, J., and Soep, L. (\$2,200,000 with \$250,000 to Indiana University; January 2017 – December 2021). SciLearning+ Phase 2: 21st Century ISE Art + Science: Hybridity as a Means for STEM Educational Equity. The National Science Foundation / Wellcome Trust.
- Peppler, K., Danish, J. & Moczek, A. (\$24,882; August 2016 – July 2017). “Indoor Positioning System” award from JCITR Translational Research Pilot Grant Program. Indiana University, Bloomington.
- Peppler, K. & Hoadley, C. (\$369,777; December 2015 – June 2017). The Hive Research Lab: Investigating and Supporting Youth Interest-Driven Learning Pathways in Hive NYC. Funding from the Spencer Foundation.
- Peppler, K. (\$490,000; December 2015 – December 2017). LRNG: Deepening Learning. Funding from The MacArthur Foundation / Collective Shift.
- Maker Education Initiative & Peppler K. (\$300,000 with a sub-contract of \$144,411; July 2015 – June 2017). Phase II of the Open Portfolio Project. Grant from The Gordon and Betty Moore Foundation.
- Peppler, K. & Gresalfi, M. (\$1,500,000 total award with \$951,445 to Indiana University, September 2014-August 2017). COLLABORATIVE: Re-Crafting Mathematics Education: Designing Tangible Manipulatives Rooted in Traditional Female Crafts. The National Science Foundation.
- Peppler, K., Danish, J., & Moczek, A. (\$1,036,000; August 2013-July 2017). BioSim: Developing a Wearable Toolkit for Teaching Complex Science Through Embodied Play. Grant from The National Science Foundation.

PRIOR FUNDED RESEARCH

- Peppler, K. (\$75,000; January 2016 – December 2016) Faculty Research Support Program for initial work and proposal development/resubmission. Indiana University, Bloomington.
- Peppler, K., Hoadley, C., Santo, R. & Ching, D. (\$350,000; June 2013-May 2016). Hive Research Lab: Researching Hive NYC as a Regional Learning Ecosystem. Grant from The New York City Trust.
- Maltese, A. & Peppler, K. (\$150,000; May 2015 – May 2016). “Making” STEM pathways. Grant from Google Foundation.
- Edery, D., Cook, D., Peppler, K. & Mollick, E. (\$200,000 with a sub-contract of \$5,000; July 2015 – June 2016). Life Sim. National Science Foundation Small Business (SBIR) grant.
- Peppler, K. (\$60,000; August 2012-July 2015). Consultant on the Visually Integrated Cyber Exploratorium for Design (V-ICED) at Purdue University. Sub-Contract on a grant from the National Science Foundation to Karthik Ramani.
- Peppler, K. (\$30,000; September 2014-August 2015). Designing the Connected Commons. The DML Hub at the University of California, Irvine.
- Maker Education Initiative & Peppler K. (\$260,000 with a sub-contract of \$69,500; September 2013 – December 2014). Phase I of the Open Portfolio Project. Grant from The Gordon and Betty Moore Foundation.
- Peppler, K. (\$1,900,000 with a subcontract of \$102,503; September 2010 – December 2014). LATA Arts Education Model Development and Dissemination Grant: Inner-City Arts/LAUSD. Grant from the U.S. Department of Education.
- Peppler, K., Gresalfi, M., Salen, K., & Pinkard, N. (\$727,000; January 2010 – December 2013). Grinding New Lenses: A Systems Approach to Curriculum for Schools and After-School Spaces. Grant from the John D. and Catherine T. MacArthur Foundation’s Digital Media and Learning Program.
- Peppler, K. (\$40,000; December 2012-May 2014). Make-to-Learn. Consultant to Mimi Ito at the Digital Media and Learning Hub at the University of Irvine, CA.
- Peppler, K. (\$66,017; May – August, 2013). Chicago Summer of Learning. Grant from The Chicago Community Trust.

Kafai, Y., Peppler, K., & Buechley, L. (\$896,000; August 2009 – July 2013). Creative IT – COLLABORATIVE – MAJOR: Computational Textiles as Materials for Creativity: Participatory Design Communities in Afterschool and Classroom Programs for Economically-Disadvantaged Youth (IIS-0855886). Grant from the National Science Foundation.

Peppler, K., Barab, S., & Klopfer, E. (\$899,000; August 2009 – July 2013). Major: Transactive Art: An Inclusive Game-Based Programming Context. Grant from the National Science Foundation.

Peppler, K. (\$20,000; June 2010 - June 2013). Research Experience for Undergraduates (REU) – NSF Supplement to Computational Textiles - IIS-0855886. Grant from the National Science Foundation.

Peppler, K. (\$200,000 with a subcontract of \$25,000; May 2012 – August 2013). Systems Thinking: Seeking Coherence to the Digital Age. Grant from the Indiana Department of Education.

Peppler, K. (\$70,000; January 2011-January 2012). New Opportunities for Self-Directed Arts Learning in a Digital Age. Grant from the Wallace Foundation.

Danish, J. & Peppler, K. (\$59,000; August 2010 - July 2012). Communicating Across the Curriculum: Studying Students' Use of Drawings, Graphs, and Text in Diverse Disciplines. Grant from the Indiana University Faculty Research Support Program (FRSP).

Peppler, K. (\$42,000; August 2009 – July 2011). Creativity Labs: Exploring Textiles as Materials for Digital Learning and Creativity in Economically Disadvantaged, Afterschool Communities. Maris M. and Mary Higgins Proffitt Fund.

Hickey, D., Peppler, K., & Danish, J. (\$75,000; August 2009 – July 2011). Proposal for Development and Implementation of a New Online Certificate Program in Learning Sciences, Media and Technology. IDEA Grant.

Barab, S., Gresalfi, M.S., Peppler, K.A., & Hickey, D. (\$1,839,000; January 2008-December, 2010). Scaling out virtual worlds: Growing a 21st century curriculum. Grant from the John D. and Catherine T. MacArthur Foundation's Digital Media and Learning Program.

Kafai, Y., Peppler, K., Buechley, L. & Eisenberg, M. (\$50,000; November 2009 – December 2010). Beyond the Screen: Examining the Participatory Challenges of Computational Crafts for DIY Youth Communities. Grant from the University of California's Humanities Research Institute and the MacArthur Foundation's Digital Media and Learning Program.

Peppler, K. (\$2,500; September 2010). Visiting Fellowship to bring Jeanne Bamberger to Indiana University, Bloomington campus. Indiana University Institute for Advanced Study.

Peppler, K. (\$19,000; August 2009 – July 2010). In Harmony: Connecting children in the US and Israel to foster musical learning and cross-cultural understanding. Fund for the Advancement of Peace and Education.

Peppler, K. (\$42,500; July 2007 - December 2007). Uncovering Literacies, Disrupting Stereotypes: Media Arts Practices of Youth with (Dis)Abilities. Postdoctoral Fellowship from the Office of the President, University of California.

Peppler, K. (\$20,000; August 2006 – July 2007). Creative Bytes: Literacy and Learning in the Media Arts Practices of Urban Youth. Dissertation Research Award from the Spencer Foundation.

Peppler, K. (\$10,000; January 2006 – December 2006). Retrospective and Portfolio Analyses. Grant from the Ryman Arts Foundation.

Kirsch, J. (Subcontract to Peppler, K.) (\$85,000 with a subcontract of \$6,000; 2006 - 2007). Impacts of the Teacher Institute. Grant from the Heller Foundation.

Catterall, J. & Peppler, K. (\$885,000 with a subcontract to UCLA of \$184,000; 2006 - 2008). Arts in the Middle (AIM): Arts in Education Model Development and Dissemination (AEMDD). Grant from the U.S. Department of Education to LAUSD District Four.

Catterall J., Peppler, K. & Feilen, K. (\$42,600; 2005 – 2006). Year Two Evaluation of Standards-based Arts Learning. Grant from LA's BEST After-School Arts Program/Office of Mayor.

AWARDS RECEIVED

- 2016 NSF Faculty Early Career Development (CAREER) Award Recipient, the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.
- 2016 University of Otago Research Fellowship, 2016-2017
- 2016 MIRA Tech Educator of the Year, (April 23, 2016) from TechPoint. Honored as one of Indiana's best educators for technology excellence and innovation.
- 2016 Ziro.io is Finalist in the Best of CES 2016 (ziro.io)
- 2016 Water Bears 3D Puzzle App wins Purdue University's Engineering Gift Guide Selection
- 2016 Water Bears 3D Puzzle App wins Balefire Labs Top Selection
- 2016 Water Bears 3D Puzzle App wins TECHwithKIDS.com Best Pick App
- 2015 Water Bears 3D Puzzle App wins "Best of Show" in Serious Games Competition in 2015
- 2015 Water Bears 3D Puzzle App selected as Serious Play Awards Gold Medal Winner
- 2015 Water Bears 3D Puzzle App Children's Technology Review Editors Choice for Excellence in Design
- 2014 Outstanding Junior Faculty Award from Indiana University. The awards, presented by the Office of the Vice Provost for Research and the Office of the Vice Provost for Faculty and Academic Affairs, honor tenure-track faculty who have begun to develop nationally recognized research or scholarship programs and devoted productive time to teaching and service, but who have not yet achieved tenure.
- 2012 "Be Great!" Award Recipient from the Boys and Girls Clubs of Bloomington in recognition for volunteer work technology lab work (2012).
- 2011 American Educational Research Association (AERA) Highest Ranked Paper Submission Award in the Peace Education Special Interest Group (SIG) (2011).
- 2011 American Educational Research Association (AERA) Best Emerging Media Paper in the Media, Culture & Curriculum (MCC) Special Interest Group (SIG).
- 2009 Indiana Governor's Award for Tomorrow's Leaders. Top Award given to outstanding young leaders in the state of Indiana that have shown exemplary leadership under the age of 30.
- 2008 Honorable Mention in Prixars Electronica in Community Art for work on the Scratch Online Community (www.scratch.mit.edu) (2008). One of the highest international awards in the digital arts community.
- 2008 Group Volunteer of the Year (2008) at the Boys and Girls Clubs of Bloomington for outstanding service to the organization.
- 2008 Top Paper at the Special Interest Group on Computer Science Education (SIGCSE) Conference (2008).
- 2007 UC Presidential Postdoctoral Fellowship (2007-2008).
- 2006 Spencer Dissertation Fellowship for Research Related to Education (2006-2007).
- 2004 Hoyt Foundation Fellowship. Graduate Fellowship awarded to recipients within the University of California schools.

AWARDS RECEIVED BY FORMER AND CURRENT DOCTORAL STUDENTS

- 2016 Professor of the Year by St. John's University awarded to former student Dr. Michael Downton.
- 2015 First winner of the CEWiT Outstanding Student Leadership Award, Indiana University awarded to Sophia Bender.

PATENTS

- Peppler, K. & Danish, J.. (September 29, 2016). Indoor Positioning Technology. US Provisional Patent Application No. 62/401,819. Washington DC: U.S. Patent and Trademark Office. This invention was made with government support under 1324047 awarded by the National Science Foundation. The government has certain rights in the invention.

BOOKS, PAPERS AND PRESENTATIONS

Refereed books

- Peppler, K. (Ed.) (2017). *Encyclopedia of Out-of-School Learning: Volume 1*. Los Angeles, CA: Sage Publications.
- Peppler, K. (Ed.) (2017). *Encyclopedia of Out-of-School Learning: Volume 2*. Los Angeles, CA: Sage Publications.
- Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). *Makeology: The Maker Movement and the Future of Learning (Volume 1)*. New York, NY: Routledge. Makeology: Makerspaces for Learning (Volume 1)
- Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). *Makeology: The Maker Movement and the Future of Learning (Volume 2)*. New York, NY: Routledge. Makeology: Makers as Learners (Volume 2)
- Peppler, K. (2014). *New Creativity Paradigms: Arts Learning in the Digital Age*. New York, NY: Peter Lang Publishing.
- Peppler, K., Santo, R., Salen, K., & Gresalfi, M. (2014). *Script Changers: Digital Storytelling with Scratch*. Cambridge, MA: MIT Press.
- Peppler, K., Salen, K., Gresalfi, M. & Santo, R. (2014). *Short Circuits: Crafting E-Puppets with DIY Electronics*. Cambridge, MA: MIT Press.
- Peppler, K., Gresalfi, M., Salen, K., & Santo, R. (2014). *Soft Circuits: Crafting E-Fashion with DIY Electronics*. Cambridge, MA: MIT Press.
- Salen, K., Gresalfi, M., Peppler, K., & Santo, R. (2014). *Gaming the System: Designing with Gamestar Mechanic*. Cambridge, MA: MIT Press.
- Buechley, L., Peppler, K., Eisenberg, M., & Kafai, Y. (Eds.) (2013). *Textile Messages: Dispatches from the World for e-Textiles and Education*. New York, NY: Peter Lang Publishing.
- Kafai, Y.B., Peppler, K., & Chapman, R. (Eds.) (2009). *The Computer Clubhouse: Creativity and Constructionism in Youth Communities*. New York, NY: Teachers College Press.

Refereed journal articles

- Chandrasegaran, S., Badam, S. K., Kisselburgh, L., Peppler, K., Elmqvist, N., and Ramani, K. (2017). [VizScribe: A visual analytics approach to understand designer behavior](#). *International Journal of Human-Computer Studies*, 101(1), pp. . doi: 10.1016/j.ijhcs.2016.12.007
- Ching, D., Santo, R., Hoadley, C., & Peppler, K. (2016). [Not just a blip in someone's life: integrating brokering practices into out-of-school programming as a means of supporting and expanding youth futures](#). *On the Horizon*, 24(3), pp. 296-312. DOI: 10.1108/OTH-05-2016-0026
- D'Urzo, S., Foster, J., Keune, A., Peppler, K., & Stutzman, A. (2016). [Makerspaces: Providing Pennsylvania practical prefiguration](#). *Techniques*, 91(6), pp. 25-27.
- Santo, R., Ching, D., Peppler, K., & Hoadley, C. (2016). [Working in the open: Lessons from open source on building innovation networks in education](#). *On the Horizon*, 24(3), pp. 280-295.
- Chien, H., Seehra, J., Verma, A., Peppler, K., Ramani, K., Cheng, Y., Lee, C., and Chierico, A. (2015). Demo Hour. *In ACM Interactions XXII.3*, May-June 2015 (pp. 8–11). Association for Computing Machinery, New York.
- Wohlwend, K. and Peppler, K. (2015). All rigor and no play is no way to improve learning. *In Phi Delta Kappan*, May 2015; vol. 96, 8: pp. 22-26.
- Buccholz, B., Shively, K., Peppler, K., & Wohlwend, K. (2014). Hands On, Hands Off: Gendered Access in Sewing and Electronics Practices. *Mind, Culture and Activity*.
- Peppler, K., Wessel-Powell, C., Thompson, N., & Catterall, J.S. (2014). Positive Impacts of Arts Integration on Student Academic Achievement in English Language Arts. *The Educational Forum*.
- Portowitz, A., Peppler, K., Downton, M. & Lichtenstein, O. (2014). In Harmony: A Technology-based Music Education Program designed to improve children's musical understanding, cognitive skills, and inter-cultural understanding. *International Journal of Music Education*, 32(2), pp. 242 – 260.

- Peppler, K. & Bender, S. (2013). Maker Movement spreads innovation one project at a time. *Kappan*, 95(3), pp. 22 - 27.
- Peppler, K. (2013). STEAM-Powered Computing Education: Using E-Textiles to Integrate the Arts and STEM. *IEEE Computer*, September 2013, pp. 38 – 43.
- Peppler, K., Danish, J. & Phelps, D. (2013). Collaborative Gaming: Designing Board Games to Teach Young Children about Complex Systems and Collective Behavior. *Simulation & Gaming: An Interdisciplinary Journal of Theory, Practice and Research*, 44(5), pp. 683-705.
- Peppler, K. & Glosson, D. (2012). Stitching Circuits: Learning About Circuitry Through E-Textile Materials. *Journal of Science and Educational Technology*, 22(5), pp. 751-763.
- Downton, M. P., Peppler, K. A., Portowitz, A., Bamberger, J. & Lindsay, E. (2012). Composing pieces for peace: Using Impromptu to build cross-cultural awareness. *Visions of Research in Music Education*, 20, pp. 1-37. Retrieved from <http://www-usr.rider.edu/~vrme/v20n1/index.htm>
- Peppler, K. & Warschauer, M. (2012). Uncovering Literacies, Disrupting Stereotypes: Examining the (Dis)Abilities of a Child Learning to Computer Program and Read. *International Journal of Learning and Media*, 3(3), pp.15-41.
- Danish, J., Peppler, K., Phelps, D. & Washington, D. (2011). Life in the Hive: Supporting Inquiry into Complexity within the Zone of Proximal Development. *Journal of Science and Educational Technology*, 20(5), pp. 454–467.
- Peppler, K., Downton, M., Lindsay, E., & Hay, K. (2011). The Nirvana Effect: Tapping Video Games to Mediate Music Learning and Interest. *International Journal of Learning and Media*, 3(1), pp. 41-59.
- Davis, H., Peppler, K. & Hickey, D. (2011). Assessment Assemblage: Advancing Portfolio Practice Through the Assessment Stage Theory. *Studies in Arts Education*, 52(3), pp. 213-224.
- Kafai, Y. & Peppler, K. (2011). Youth, Technology, and DIY: Developing Participatory Competencies in Creative Media Production. In V. L. Gadsden, S. Wortham, and R. Lukose (Eds.), *Youth Cultures, Language and Literacy. Review of Research in Education*, 35(1), pp. 89-119.
- Peppler, K. & Solomou, M. (2011). Building Creativity: Collaborative Learning and Creativity in Social Media Environments. *On the Horizon*, 19(1), pp. 13-23.
- Peppler, K., Warschauer, M., & Diazgranados, A. (2010). Game Critics: Exploring the Role of Critique in Game-design Literacies. *E-Learning*, 7(1), pp. 35-48.
- Peppler, K. & Kafai, Y. B. (2010). Gaming Fluencies: Pathways into a Participatory Culture in a Community Design Studio. *International Journal of Learning and Media*, 1(4), pp. 1-14.
- Peppler, K. (2010). Media Arts: Arts Education for a Digital Age. *Teachers College Record*, 112(8), pp. 2118–2153.
- Barab, S., Dodge, T., Ingram-Goble, A., Pettyjohn, P., Peppler, K., Volk, C., Solomou, M. (2010). Pedagogical Dramas and Transformational Play: Narratively-Rich Games for Education. *Mind, Culture, and Activity*, 17(3), pp. 1-30.
- Kafai, Y. B., Desai, S., Peppler, K., Chiu, G. & Moya, J. (2008). Mentoring Partnerships in a Community Technology Center: A Constructionist Approach for Fostering Equitable Service Learning. *Mentoring & Tutoring*, 16(2), pp. 194-201.
- Peppler, K. & Kafai, Y. (2007). From SuperGoo to Scratch: exploring creative digital media production in informal learning. *Learning, Media, and Technology*, 32(2), pp. 149–166.
- Catterall, J.S. & Peppler, K. (2007). Learning in the Visual Arts and Worldviews and Young Children. *Cambridge Journal of Education*, 37(4), pp. 543 – 560.

Refereed and invited* chapters, conference proceedings, and other contributions

- Santo, R., Ching, D., Peppler, K., & Hoadley, C. (in press, 2017). Participatory knowledge building within research-practice partnerships in education. In *SAGE Research Methods Cases - Education*. Los Angeles, CA: Sage Publications.
- Peppler, K. (in press, 2017). Equity and access in out-of-school music making. In A. Ruthmann and R. Mantie (Eds.), *The Oxford handbook of technology and music education*. Oxford, UK: Oxford University Press.

- Peppler, K. (in press, 2017). Interest-driven music education: Youth, technology, and music making today. In A. Ruthmann and R. Mantie (Eds.), *The Oxford handbook of technology and music education*. Oxford, UK: Oxford University Press.
- Tan, V., Keune, A., & Peppler, K. (2017). The materiality of design in e-textiles. In S. Goldman & Z. Kabayadondo (Eds) [Taking Design Thinking to School: How the Technology of Design Can Transform Teachers, Learners, and Classrooms](#). New York, NY: Routledge.
- Thompson, N., Peppler, K., & Danish, J. (2017). [Designing BioSim: Playfully encouraging systems thinking in young children](#). In Zheng, R. & Gardner, M. (Eds.), [Handbook of research on serious games for educational applications](#), Ch.7 (pp. 149-167). Hershey, PA: IGI Global.
- Cantrill, C., & Peppler, K. (2016). [Connected learning professional development: Production-centered and openly networked teaching communities](#). In *New literacies and teacher learning: Professional development and the digital turn (New Literacies and Digital Epistemologies)*. New York, NY: Peter Lang Publishing.
- Litts, B., Kafai, Y. B., Fields, D. A., Halverson, E. R., Peppler, K., Keune, A., ... & Tan, M. (2016). [Connected making: Designing for youth learning in online maker communities in and out of schools](#). Paper presented at the 12th *International Conference of the Learning Sciences (ICLS)*, Volume 2, pp. 1041-1047. Singapore: International Society of the Learning Sciences, ISBN: 978-0-09903550-8-3
- Peppler, K. (2016). [A review of e-textiles in education and society](#). In Guzzetti, B. & Lesley, M. (Eds.), *Handbook of research on the societal impact of digital media*: Ch.11 (pp. 219-241). Hershey, PA: IGI Global.
- Peppler, K. (2016). [ReMaking arts education through physical computing](#). In Peppler, K., Halverson, E. & Kafai, Y. (Eds.). *Makeology: Makers as learners*, Vol 2, Ch. 13, pp. 206-226. New York, NY: Routledge.
- Peppler, K. & Hall, T. (2016). [The Make-to-Learn youth contest: Gaining youth perspectives on learning through making](#). In Peppler, K., Halverson, E. & Kafai, Y. (Eds.), *Makeology: Makerspaces as learning environments* , Vol 1, Ch. 10, pp. 141-157. New York, NY: Routledge.
- Wohlwend, K., Keune, A., & Peppler, K. (2016). [Design playshop: Preschoolers making, playing, and learning with Squishy Circuits](#). In Peppler, K., Halverson, E. & Kafai, Y. (Eds.), *Makeology: Makerspaces as learning environments* , Vol 1, Ch. 6, pp. 83-96. New York, NY: Routledge.
- Peppler, K. (2015). Response to Learning about Urban Sustainability with Digital Stories: Promoting Collaborative Creativity from a Constructionist Perspective. *Constructivist Foundations' Journal*.
- Kisselburgh, L.G., Zhou, N., Chandrasegaran, S., Badam, S.K., Elmquist, N., Peppler, K., & Ramani, K. (2015). Creative collaboration and flow: Validating the use of trace data from wearable technologies to measure dynamics of creative flow in collaborative design teams. *Proceedings of the Computer Support for Collaborative Learning (CSCL) 2015 Conference*.
- Zhou, N., Kisselburgh, L.G., Chandrasegaran, S., Badam, S.K., Elmquist, N., Peppler, K., & Ramani, K. (2015). Using real-time trace data to predict collaboration quality and creative fluency in design teams. *Proceedings of the Computer Support for Collaborative Learning (CSCL) 2015 Conference*.
- Yoon, S. H., Verma, A., Peppler, K., and Ramani, K. (2015). HandiMate: Exploring a Modular Robotics kit for Animating Crafted Toys. Paper at the *Interaction Design for Children Conference (IDC)*, Boston, MA.
- Tan, V. & Peppler, K. (2015). Creative Design Process in Making Electronic Textiles. Paper at the *Interaction Design for Children Conference (IDC)*, Boston, MA.
- Seehra, J., Verma, A., Peppler, K., and Ramani, K. (2015). HandiMate: Create and Animate using Everyday Objects as Material. In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (pp. 117-124), New York.
- Peppler, K. (in press). Interest-Driven Music Education: Youth, Technology, and Music Making Today. In A. Ruthmann and R. Mantie (Eds.), *The Oxford Handbook of Technology and Music Education*. Oxford University Press.

- Peppler, K. (in press). Equity and Access in Out-of-School Music Making. In A. Ruthmann and R. Mantie (Eds.), *The Oxford Handbook of Technology and Music Education*. Oxford University Press.
- Seehra, J., Verma, A., Peppler, K., and Ramani, K. (2015). [HandiMate: Create and Animate using Everyday Objects as Material](#). In *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction* (pp. 117-124), New York.
- *Peppler, K. (2014). Foreword. In A. Garcia (ed.), *Teaching in the Connected Learning Classroom*. Irvine, CA: Digital Media and Learning Research Hub. Available at: http://www.nwp.org/cs/public/print/book/teaching_in_the_connected_learning_classroom
- Kafai, Y. & Peppler, K. (2014). Transparency Reconsidered: Creative, Critical, and Connected Making with E-textiles. In M. Boler & M. Ratto (Eds.), *DIY Citizenship*. MIT Press: Cambridge, MA.
- *Peppler, K. (2013). On Screen and Onstage: Interest-Driven Arts for Teens. *Opera America*, Fall 2013, 30-31.
- McKay, C. & Peppler, K. (2013). *MakerCart: A Mobile Fab Lab for the Classroom*. Position Paper at the Interaction Design for Children Conference (IDC), New York, NY.
- Peppler, K. & McKay, C. (2013). *Broadening Participation and Issues of Inclusion and Accessibility in Making*. Paper at the Interaction Design for Children Conference (IDC), New York, NY.
- Peppler, K. & Glosson, D. (2013). Learning about Circuitry with E-textiles in after-school settings. In M. Knobel & C. Lankshear (Eds.), *The New Literacies Reader*, New York, NY: Peter Lang Publishing.
- Peppler, K. (2013). Social Media and Creativity. In D. Lemish (Ed.), *The Routledge International Handbook of Children, Adolescents and Media*. New York, NY, Routledge, p. 193-200.
- Wohlwend, K. & Peppler, K. (2013). Designing with Pink Technologies and Barbie Transmedia. In G. M. Boldt & McArdle, F. (Eds.) *Young Children, Pedagogy and the Arts: Ways of Seeing*. New York, NY, Routledge, p. 129-145.
- *Peppler, K. (2012). Scratch: digital art making. *Child Art Magazine* 12(1), Number 42. pp. iv.
- *Kafai, Y. B. & Peppler, K. A. (2012). Developing Gaming Fluencies with Scratch: Realizing Game Design as an Artistic Process. In C. Steinkuehler, K. Squire and S. Barab (Eds.), *Games, Learning, and Society: Learning and Meaning in the Digital Age*. New York, NY: Cambridge University Press.
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- Keune, A., & Peppler, K. (2016). Participatory Making: Co-Constructing a Common Ground One Utterance at a Time. EHR Core Research Poster Session 6 at the American Educational Research Association (AERA), Washington, DC. Found at <http://tinyurl.com/gwgfs9y>
- Peppler, K. (2016). Deepening Learning and Broadening Participation in Makerspaces: What the Research Is Showing. Paper presentation at the American Educational Research Association (AERA), Washington, DC. Found at: <http://tinyurl.com/hctaoaf>
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- Santo, R., Ching, D., Peppler, K., & Hoadley, C. (2016). Collaborative Knowledge Production as Ends and Means of Promoting Equity in a Network-Based Research-Practice Partnership. Paper presentation at the American Educational Research Association (AERA), Washington, DC. Found at: <http://tinyurl.com/zww8z63>
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- Santo, R., Peppler, K., Ching, D., & Hoadley, C. (2016). Maybe a Maker Space? How an Out-of-School Center Engaged in Organizational Learning Around Maker Education. Paper presentation at the American Educational Research Association (AERA), Washington, DC. Found at <http://tinyurl.com/z53yc4a>
- Thompson N., Tan, V., Peppler, K., Wohlwend, K., Thomas, A. (2016, April) Squishing Circuits: Circuitry Learning with Electronics and Playdough in Early Childhood. Poster presented at 2016 Annual Meeting of AERA, Washington DC.
- Wohlwend, K. & Peppler, K. (2016). From Failure to Flow: Collaborative Knowledge Networks in Children's Play and Making With Squishy Circuits. Paper presentation at the American Educational Research Association (AERA), Washington, D.C. Found at <http://tinyurl.com/jke7efs>
- Bender, S., McKay, C., Peppler, K., & Catterall, J.S. (2015). Lights Up! Assessing Theatrical Performance Skills. Paper presentation at the American Educational Research Association (AERA), Chicago, IL
- Ching, D., Santo, R., Hoadley, C., & Peppler, K. (2015). Mapping the Social Learning Ecology of Support Around Adolescent Youth's Interest-Driven Pursuits. Paper presentation at the American Educational Research Association (AERA), Chicago, IL
- Peppler, K. (Chair). (2015). New Tools, New Voices: Innovations in Understanding and Analyzing Life-Wide Ecologies for Youth Interest-Driven Learning. Structured Poster Session at the American Educational Research Association (AERA), Chicago, IL
- Peppler, K. (Discussant). (2015). The Maker Movement in Education. Symposium at the American Educational Research Association (AERA), Chicago, IL.
- Peppler, K. (2015). Using E-Textiles to Integrate the Arts and STEM. Paper presentation at the American Educational Research Association (AERA), Chicago, IL
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- Gresalfi, M., Peppler, K., Barnes, J. (2014). Mining Student Designs for Evidence of Systems Thinking. Paper presentation at the American Educational Research Association (AERA), Philadelphia, PA.
- Danish, J., Peppler, K., Phelps, D., Andrade-Lotero, A., & Whiting, J. (2014). The Impact of Disciplinary Framing Upon Early Elementary Students' Representational Critiques. Paper presentation at the American Educational Research Association (AERA), Philadelphia, PA.
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- Peppler, K., Glosson, D., & Bender, S. (2014). Lessons From the World of E-Textiles for the Connected Learning Movement. Symposium at the American Educational Research Association (AERA), Philadelphia, PA.
- Keune, A., McKay, C., & Peppler, K. (2014). Prototype a design workshop for open maker portfolios. World Maker Faire, Bay Area.
- Kafai, Y., Rusk, N., Burke, Q., Mote, C., Peppler, K., Fields, D., Roque, R., Elinich, K., Telhan, O., & Magnifico, A. (2014). SYMPOSIUM: Motivating and Broadening Participation: Competitions, Contests, Challenges, and Circles for Supporting STEM Learning. International Conference of the Learning Sciences (ICLS), Boulder, CO.
- Kisselburgh, L., Ramani, K. & Peppler, K. (2014). *Visually-integrated collaborative ideation: Changing the dynamics of creativity in design teams*. International Communication Association Annual Conference, Seattle, WA.
- Santo, R. & Peppler, K. (2013). *Make-to-Learn*. Presentation at the 2013 Games, Learning and Society Conference, Madison, WI.
- Peppler, K., Santo, R., Cloud, J., Rufo-Tepper, R., O'Keefe, D., Midolo, C. & Cantrill, C. (2013). *Whole School Approaches to Systems Thinking*. Symposium chair at the 2013 American Educational Research Association (AERA) Conference, San Francisco, CA.
- Shively, K. & Peppler, K. (2013). *Judging Creativity in New Digital Art Domains*. Paper at the 2013 American Educational Research Association (AERA) Conference, San Francisco, CA.
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- Peppler, K. (2012). Computational Textiles as Materials for Creativity. Un-poster presentation at the Computing Education for the 21st Century (CE21) Conference. January 6, Washington DC.
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- Peppler, K., Gresalfi, M., Shute, V., Salen, K., Pinkard, N., Siyahhan, S. & Santo, R. (2012). *Seeing the Bigger Picture: Supporting Systems Thinking through Designing Digital*

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- Downton, M., Peppler, K. & Bamberger, J. (2012). *Emerging Musical Sense-Making: Constructionism and collaboration in computer-aided music composition*. Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
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- Peppler, K. & Santo, R. (2012). *Informal Learning Environments as 21st Century Pre-Service Learning Spaces for Teachers*. Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
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- Kafai, Y., Peppler, K., Resnick, M., & Brennan, K. (2010). *SCRATCH: Programming for Everyone*. Symposium at the Constructionism Conference, Paris, France.
- Davis, H., Peppler, K. & Hickey, D. (2010). *Assessment Assemblage: Advancing Portfolio Practice Through the Assessment Stage Theory*. Paper presentation at the 2010 American Educational Research Association (AERA) Conference, Denver, CO.
- Davis, H. & Peppler, K. (2010). *Voice Portfolios: Artistry in Assessment*. Paper presentation at the 2010 American Educational Research Association (AERA) Conference, Denver, CO.
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- Peppler, K., Downton, M. & Hay, K. (2009). *Building musical intuitions through video games: A performance analysis of Rock Band in after-school communities*. Paper presentation at the 2009 American Educational Research Association (AERA) Conference, San Diego, CA.
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- Peppler, K. A., Downton, M. P., & Hay, K. (2009). *Turn That Noise Up: How Rock Band® Helps Youth Develop Rhythmic Intuitions*. Paper presented at the 2009 Society for Music Perception, Cognition, and Research Conference, Indianapolis, IN.
- Feilen, K., Peppler, K. & Catterall, J.S. (2009). *Models for Evaluating the Impact School-and Community-Based Arts Programs*. Paper presented at the 2009 American Evaluation Association (AEA) Conference, Portland, OR.
- Barab, S., Peppler, K., Ingram-Goble, A., Dodge, T., & Solomou, M. (2009). *Identity Experiments: Using Narrative-Rich Games to bring Together Personal, Student, and Disciplinary Lifeworlds*. Paper presentation at the 2009 American Educational Research Association (AERA) Conference, San Diego, CA.
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- Peppler, K. & Kafai, Y. (2008b). *Creative Bytes for the Learning Sciences: The Technical, Creative and Critical Practices of Media Arts Production*. Paper presentation at the 2008 American Educational Research Association (AERA) Conference, New York, NY.

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- Yardi, S., Bruckman, A.S., Druin, A., Jeffries, R., Kafai, Y.B. & Peppler, K. (2007). Broadening the Field of Computing through a Design-Based HCI Curriculum. Position paper at the 2007 Grace Hopper Celebration of Women in Computing, Orlando, FL.
- Tishler, B., Kirsch, J. & Peppler, K. (2007). Partnerships Serving up Arts as the Main Course! NETWORK's conference, Arts Education: Building Bridges through Arts Integration and Partnerships, Oakland, CA.
- Peppler, K. (2007). Videogames and Interactive Art: New Genres and a New Era in Media Education. Paper presentation at the 2007 American Educational Research Association (AERA) Conference, Chicago, IL.
- Peppler, K. & Kafai, Y.B. (2007). What Video Game Making Can Teach Us About Literacy and Learning: Alternative Pathways into the Participatory Culture. Paper presented at the 2007 Games, Learning, & Society (GLS) Conference, Madison, WI.
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- Kafai, Y., Peppler, K. & Chiu, G. (2007). Technology Fluency in Community Technology Centers: Challenges to Creating a Culture of Programming. Paper presented at the 2007 International Conference on Communities and Technologies, Michigan State University, East Lansing, MI.
- Kafai, Y., Feldon, D., Giang, M., Quintero, M., Fields, D. & Peppler, K. (2007). Where in the World is the Science in Whyville? Informal Science in a Multi-User Virtual Community. Symposium at the 2007 American Educational Research Association (AERA) Conference, Chicago, IL.
- Kafai, Y., Desai, S., Peppler, K., Chiu G. & Moya, J. (2007) Mentoring Partnerships in a Community Technology Center: A Constructionist Approach for Fostering Equitable Service Learning. Presentation at the 5th Annual CAFÉ Conference sponsored by the Paulo Freire Institute, University of California, Los Angeles, CA.
- Goode, J., Margolis, J., Kafai, Y., Peppler, K. & Chiu, G. (2007) "Beyond Point and Click": Opportunities and Challenges in Broadening the Participation in Computer Science in Inner-city High Schools and After-school Programs. Symposium at the 2007 American Educational Research Association (AERA) Conference, Chicago, IL.
- Ching, C., Kafai, Y., Barron, B., Davis, A., Peppler, K., Martin, C., Lewis, S., Yardi, S., Perkel, D., Leander, K., Wang, C., Hoadley, C., Honwad, S., & Tamminga, K. (2007). Technobiographies: Researching Life Stories with Technology. Interactive Symposium at the 2007 American Educational Research Association (AERA) Conference, Chicago, IL.
- Peppler, K., Catterall J.S. & Feilen, K. (2006). Towards a Unified Framework: A Model for Evaluating Arts Learning in Music, Drama, Visual Arts, and Dance. Paper presentation at the 2006 American Evaluation Association (AEA) Conference, Portland, OR.
- Peppler, K. & Kafai Y. (2006). Programming with a Purpose: Opening the Back Door to Technology Literacy. Presentation at the 2006 "Thinking Gender" Conference, Los Angeles, CA.
- Kafai Y., Peppler, K., Chiu, G. & Desai, S. (2006). Programming Partnerships: A Constructionist Approach to Teaching Computer Programming Through Service Learning. Paper presented at the 2006 Conference on Service Learning in Engineering, Washington D.C.
- Desai, S., Kafai, Y., Peppler, K., & Chiu, G. (2006). What is a Mentizo? A Constructionist Approach to Mentoring. Paper Presentation and abstract published in the 2006 American Educational Research Association (AERA) Conference, San Francisco, CA.

Catterall, J.S. & Peppler, K. (2006). Measuring Learning in the Arts: Lessons learned from Survey, Observation, and Videotape Methodologies. Paper presented as part of a symposium, Measuring the Arts: Quantifying, Evaluating, and Understanding, Symposium presentation at the 2006 American Evaluation Association (AEA) Conference, Portland, OR.

List of invited workshops, presentations and talks

- Peppler, K. (2017). CS4ALL/NSF Research and Practice Engagement: Collaborative Design in RPPs. Invited talk at the UCLA.
- Peppler, K. (2017). Hosted #InfyEdChat on "The importance of arts and design in making and education", Infosys Foundation USA.
- Peppler, K. (2017). CS4ALL/NSF Research and Practice Engagement: Collaborative Design in RPPs. Invited talk at the DePaul University.
- Peppler, K. (2016). Invited Presentation for the CS4ALL/NSF Research and Practice Engagement.
- Peppler, K. (2016). Invited Presentation White House Champions for Computer Science Education.
- Peppler, K. (June 2016). Introducing LRNG and New Best Buy Wearables Playlists. Presentation to the Best Buy Teen Tech Centers / Computer Clubhouse Network Annual Conference.
- Peppler, K. (2016). Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Boulder, CO.
- Peppler, K. (2016). E-Textiles: Broadening Participation and Deepening Learning. Digital Promise Maker Research Seminar.
- Peppler, K. & Lindsay E. (2016). LRNG Best Buy Workshop at the Yesler Center, Seattle, WA.
- Peppler, K. (2016). E-Textiles: Broadening Participation and Deepening Learning. University of Illinois Chicago, Learning Sciences Research Institute Talk.
- Peppler, K. (2016). Google Workshop in Pittsburgh.
- Peppler, K. (2016). Introducing LRNG. WE Day Toronto, Canada.
- Peppler, K. (2016). STEM Central Webinar.
- Peppler, K. (2016). Invited Panel for the Out-of-School Time (OST) SIG at the American Education Research Association. 2016 Annual Meeting of AERA, Washington DC.
- Peppler, K. (2016). E-Textiles: Broadening Participation and Deepening Learning. Invited Virtual Talk at St. Thomas University.
- Peppler, K. (January, 2016). E-Textiles: Broadening Participation and Deepening Learning. Invited Talk at Northwestern University.
- Peppler, K. (January, 2016). Webinar: Connected Learning for Educators with Howard Rheingold. Invited speaker on Maker Education.
- Peppler, K. (January 2016). E-Textiles: Broadening Participation and Deepening Learning. Invited Talk at Stanford University.
- Peppler, K. (2015). Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Boulder, CO.
- Peppler, K. (2014). Keynote on Making and Equity for the UNCG Makerspace Ribbon Cutting Ceremony.
- Peppler, K. (2014). *Policy Panel on Making*. Intel Foundation Invited Panelist for US Maker Caucus.
- Peppler, K. & Santo, R. (2014). *Interconnections: Designing in a digital age*. Invited workshop at the National Writing Project (NWP) Annual Meeting.
- Peppler, K. & Danish, J. (2014). BioSim Workshop for Fifth Grade Teachers. Wonderlab Museum Teaching Institute, Bloomington, IN.
- Peppler, K., Dorph, R., Martin, L., & Vossoughi, S. (2014). Research + Evaluation: Making Educational Outcomes. Intel's Making Possibilities Workshop, San Francisco, CA.
- Peppler, K. (2014). Connected Learning and Libraries: At the Intersection of the Arts, Media, New Technologies, and Informal Learning. Association of Specialized and Cooperative Library Agencies (ASCLA)'s President's Program at the ALA Annual Conference in Las Vegas, NV.

- Peppler, K. & Ramani, K. (2014). New Tools to Foster Creative Collaboration During Design. Distinguished Lecture at the National Science Foundation, Washington DC.
- Kumpulainen, K., Sefton-Green, J., Brennan, K., Mikkola, A., Peppler, K., & Soep, E. (2014). INVITED SESSION: Learning and Becoming through Making and Participatory Media. International Conference of the Learning Sciences (ICLS), Boulder, CO.
- Peppler, K. (2014). Art & Artifacts in Constructionist Learning. Plenary at the Constructionism Conference, Vienna, Austria.
- Peppler, K. (2014). Extending our reach with technology in arts and arts education. Americans for the Arts Conference, Nashville TN.
- Culatta, R., Peppler, K., Crowley, K., & Warschauer, M. (2014). Smithsonian *Digital Directions in Learning* Series on February 26, 2014.
- Peppler, K. (2013). Cultivating Computational Thinking in Youth Communities. Invited presentation at the Korea Foundation for the Advancement of Science and Creativity Conference, Seoul, South Korea.
- Peppler, K. & Gresalfi, M. (2013). Understanding Systems through eTextile (Puppet) Design. Invited workshop at the National Writing Project Annual Meeting, Boston, MA.
- Peppler, K. (2013). STEAM-Powered Computing: Arts, crafts, and new media. Invited presentation at CODING AND CREATIVITY: programming, computational thinking and the arts in schools. A policy and practice summit presented by the London Knowledge Lab and D|A|R|E (Institute of Education); the Observer; the RSA; and Creativeworks London. London, UK.
- Peppler, K. (2013). Broadening Participation through E-Textile Creation. Invited presentation for the Learning Labs convening, Pittsburgh, PA.
- Peppler, K. (2013). Make-to-Learn in Libraries. Invited Keynote for the 2013 American Library Association's Virtual Conference.
- Peppler, K. (2013). Make-to-Learn in Afterschool Spaces. Build, Create and Innovate: Strategies for Engaging Youth Through Making – Afterschool Alliance webinar.
- Resnick, M., Brennan, K. & Peppler, K. (2013). Host and participant on “Coding is for Everybody: Learning Through Creating, Personalizing, Sharing, and Reflecting” a month-long webinar on the Connected Learning Network, sponsored by the DML Research Hub.
- Peppler, K. (2013). The Grinding New Lenses Project: Short Circuits designing with and for educators. Presentation at the NSF Intersections Summer Designs Institute, hosted by the National Writing Project and the Association of Science-Technology Centers, Denver, CO.
- Peppler, K. (2013). Textile Messages: Dispatches from the World of E-Textiles and Education. Invited Presentation at the 2013 Mini University, Indiana University, Bloomington, IN.
- Peppler, K. (2013). New Opportunities for Interest-Driven Arts Learning in a Digital Age. Invited Presentation at the National Guild for Community Arts Education. Chicago, IL.
- Peppler, K. (2013). Evidence of Interest-Driven Learning in a Digital Age. Invited Keynote presentation at the Cyberlearning Synthesis and Envisioning Meeting, June 26-27, 2013. Washington, DC.
- Peppler, K. (2013). Broadening Participation with E-Textiles. Invited Presentation at the Maker Faire Bay Area on May 18, 2013.
- Peppler, K. (2013). New Opportunities for Design Research: The Hive Networks and Broader DML Community. Invited presentation at the Connected Learning Research Network meeting, Boston, MA.
- Peppler, K. (2013). Learning by Making in a Digital Age. Presentation to IUMakes in March, 2013, Bloomington, IN.
- Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. November 2013 in Bloomington, IN.
- Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. October 2013 in Bloomington, IN.
- Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. September 2013 in Bloomington, IN.
- Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. May 2013 in Bloomington, IN.

- Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. March 2013 in Bloomington, IN.
- Peppler, K. (2013). Digital Media and Learning Communications Meeting. Held January 31-February 1, 2013 in Chicago, IL.
- Santo, R. & Peppler, K. (2012) *Grinding New Lenses: Seeking coherence in a digital age*. Invited workshop at the National Writing Project (NWP) Annual Meeting.
- Peppler, K. & Santo, R. (2012). *Grinding New Lenses Hands-On Workshop*. Invited presentation at the National Writing Project (NWP) Annual Meeting.
- Peppler K. & Bender, S. (2012). Hacking and Making with E-textiles. Invited presentation at the Girls in STEM workshop at Indiana University, Bloomington.
- Peppler, K. (2012). Interest-Driven Learning. Invited workshop at the LDC Meeting hosted jointly by the John D. and Catherine T. MacArthur Foundation and the Gates Foundation in Chicago, IL.
- Peppler, K. & Santo, R. (2012). Short Circuits: Crafting with DIY Electronics. Invited Presentation at the Maker Faire in New York, NY on September 24, 2012.
- Peppler, K. (2012). *Learning and Doing by Making in High-Tech Textile Design*. Invited presentation on the MacArthur Foundation's Connected Learning TV series. Available at <http://connectedlearning.tv/kylie-peppler-high-tech-textile-design-learning-doing-and-making>
- Peppler, K. (2012). *Learning and Achieving through the Arts (LATA) Evaluation*. Invited talk at Inner-City Arts, Los Angeles on August 28, 2012.
- Wolfenstein, M., Zimmerman, E., Malaby, T., Halverson, E., Simkins, D., Martin, C. & Peppler, K. (2012). *You put your right foot in...* Invited session at that Games, Learning, and Society (GLS) conference in Madison, WI on April 15, 2012.
- Peppler, K. (2012). Evidence of Interest-Driven Arts Learning in a Digital Age. Invited talk by the University of Illinois, Chicago (UIC). Chicago, IL,
- Peppler, K. (2012). *New Opportunities for Interest-Driven Arts Learning in a Digital Age*. Invited talk by the National Art Education Association Museum Division Preconference, Metropolitan Museum of Art, New York, NY.
- Peppler, K. & Eidman-Aadahl, E. (2012). Short Circuits: Scaling with and for teachers. Invited talk at the John D. and Catherine T. MacArthur Foundation in Chicago, IL.
- Catterall, J. & Peppler, K. (2011). *How Arts Rich Environments Impact Achievement*. Cleveland Metropolitan School District. Televised Public Broadcast, Cleveland, OH.
- Peppler, K. & Catterall J. (2011). Assessment Workshop for 20 Premier Arts Specialty Schools (PASS) Teachers. Cleveland, OH.
- Peppler, K. (2011). *Materializing Design Thinking with E-Textiles Education*. Invited Talk at the Stanford University REDlab's Forum on Design Thinking, Palo Alto, CA.
- Peppler, K. (2011). *E-Textiles for Interest-Driven Arts Learning in the Digital Age*. Invited Talk at the University of Pennsylvania, Philadelphia, PA.
- Peppler, K. (2011). *Learning and digital technology*. Invited session as part of The Wallace Foundation's Reimagining the School Day: A Forum on More Time for Learning, held May 16-17 in Washington, D.C.
- Peppler, K. (2011). *Art, Artifact, and Discourse*. Keynote at the keynote talk at the Indiana University Discourse Analysis in Educational Research Conference.
- Peppler, K. (2011). *New Opportunities for Self-Directed Arts Learning in a Digital Age*. Invited Talk at the Wallace Foundation, New York.
- Danish, J., Peppler, K. & Johnson, K. (2011). Invited Panel for the EC Moore Symposium, Indiana University, Indianapolis.
- Peppler, K. (2011). *IN|FORMAL learning: Reconceptualizing the divide between in and out-of-school learning practices*. Invited presentation at the Indiana University School of Education's "First Fridays" faculty research seminar.
- Baldwin, T., Haynes, R., Reigeluth, C., Peppler, K. & Stolterman, E. (2010). Invited *Key Panel Discussion* at the IST Conference on Design and Technology for Teaching, Learning, and Working, Bloomington, IN.
- Peppler, K. (2010a). E-textiles Workshop. Invited Workshop at the National Writing Project *NWP Makes! event*.

- Peppler, K. (2010b). *E-textiles: Moving Beyond the Screen*. Invited Workshop at the Purdue University SPIRIT Summer Camp for disadvantaged youth.
- Peppler, K. (2010c). *E-Textiles: Moving Beyond the Screen*. Invited Workshop at the Indiana Women in Computing Conference, Spencer, IN.
- Peppler, K. (2010d). *The Computer Clubhouse Model: Creativity and Constructionism in the After-School Hours*. Talk at the AERA Invited Session: Learning in Out of School Contexts: Opportunities for Research and Practice.
- Peppler, K. (2010e). Invited talk at the Kick-off Colloquium for the *20Under40* book release, Boston, MA.
- Peppler, K. (2010f). *Predicted Contributions of Scaling Learning in Music, Drama, Visual Arts, and Dance for Neuroimaging-Based Learning Studies*. Invited Presentation at the International School on Mind, Brain and Education (MBE), Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Sicily, Italy.
- Peppler, K. (2010g). *Grinding New Lenses*. Invited presentation at the School of Education alumni board meeting presentation.
- Peppler, K., Babcock, E., Panganiban, R., & Erickson, I. (2010). *Creating Connections and Promoting Networks*. Panel at the 2010 Webwise Pre-Conference Events, Denver, CO.
- Peppler, K. (2009). *What exactly are kids learning in Scratch? Observations from the Clubhouse*. Invited Presentation, Irvine, CA.
- Peppler, K. (2008). *The Computer Clubhouse Model: Creativity and Constructionism in the After-School Hours*. Invited presentation to the Hennepin Library Association, Minneapolis, MN.
- Peppler, K. & Kafai, Y. (2008). *What exactly are kids learning in Scratch? Observations from the Clubhouse*. Invited Presentation at the 2008 Scratch@MIT Conference, Boston, MA.
- Kafai, Y.B., Raessens, J., Copier, M., von Mastrikt, J., Deterding, S., Dubbelman, T., Fields, D., Peppler, K., Renger, W.J., Millenaar, K., Hrehovcsik, M., Ritterfeld, U., Wang, H., & Ratan, R. (2008). *Serious Games in the Learning Sciences: Making International Connections*. Invited Workshop at the 2008 International Conference of the Learning Sciences (ICLS), Utrecht, Netherlands.
- Kafai, Y., Peppler, K. & Chapman, R. (2008). *The Computer Clubhouse Book: A Sneak Preview*. Invited Presentation at the 2008 Annual Computer Clubhouse Conference Celebrating the 15th Anniversary of the Computer Clubhouse Network, Miami, FL.
- Peppler, K. (2008). *In Dialogue: Links Between Drama and Academic English Language Development of At-Risk Youth*. Keynote at the 2008 International Conference Celebrating the 60th Anniversary of the State of Israel, Bar-Ilan University, Israel.
- Peppler, K. (2005). *Growing up Gifted*. Keynote at the 2005 Indiana Department of Education/Indiana Association for the Gifted Conference, Indianapolis, IN.

CREATIVE PRODUCTIONS

- 2016 Indoor Positioning Technology (Patent Pending)
- 2016 <http://techpoint.org/2016/04/techpoint-honors-best-tech-indiana-mira-awards/>
- 2016 MIRA – 2 Videos here: <http://techpoint.org/2016/04/ius-dr-kylie-peppler-wins-tech-educator-year-mira-award/>
- 2016 – present LRNG.org
- 2015 Make, Innovate, Learn Lab (MILL) Makerspace in the IU School of Education (https://twitter.com/IUmill?ref_src=twsrc^tfw)
- 2015 – present LRNG platform (www.lrng.org)
- 2015 – present Ziro.io goes to market based on earlier Handimate prototype (www.ziro.io)
- 2015 – present Water Bears 3D Puzzle Game (www.waterbearsgame.com)
- 2015 Handimate, cardboard computing toolkit
- 2014 – present Creativity Labs Website (www.creativitylabs.com)
- 2014 - present Re-Crafting Education Blog (<http://re-craft-edu.blogspot.com/>)
- 2010 - present BioSim: Interactive Insect Game (<http://www.instructables.com/id/Interactive-Bee-Game/>); (<http://www.youtube.com/watch?v=KxjAAmNGJS4>); (<http://www.instructables.com/id/Interactive-Bee-Game/>)
- 2011 - 2014 Personal website to highlight research and disseminate information to the field www.kpeppler.com

- 2012 - 2013 Make-to-Learn website: www.m2l.indiana.edu
- 2010 - 2013 LilyPond <http://lilypond.media.mit.edu/>
- 2010 Tutorial for XBee Arduino API (<http://www.instructables.com/id/Configuring-XBees-for-API-Mode/step5/XBee-Arudino-API/>)
- 2010 Tutorial for Wireless Dance Costume (<http://www.instructables.com/id/Wireless-Dance-Costume/>)
- 2010 Tutorial for Programmable LilyPad EL-Wire Dress (<http://www.instructables.com/id/Programmable-LilyPad-EL-Wire-Dress/>)
- 2010 Tutorial for LilyPad Wrist Band POV (<http://www.instructables.com/id/LilyPad-Wrist-Band-POV/>); (http://blog.craftzine.com/archive/2010/03/lilypad_arduino_pov_wristband.html); (http://blogs.craftzine.com/archive/author/becky_stern/?limit=10&offset=456)
- 2010 Tutorial for Latch-Modified Turn-Signal Jacket (<http://www.instructables.com/id/Latch-Modified-Turn-Signal-Jacket/>)
- 2010 Tutorial for creating a Full Demonstration of all LilyPad Components (<http://www.instructables.com/id/Full-Demonstration-of-all-LilyPad-components/>)
- 2009 – present Computational Textiles as Materials for Creativity (Active Blog site: <http://computationaltextiles.blogspot.com/>)
- 2008 Media Village: Media literacy world within Quest Atlantis (<http://atlantis.crt.indiana.edu>)
- 2004 – 2008 Scratch: A New Visual Programming Language for All (www.scratch.mit.edu)

MEDIA COVERAGE

- 2017 Indiana University coverage of the new indoor positioning technology and JCITR support. Available at: <http://blogs.iu.edu/innovate/2017/01/30/positioning-for-success-iu-bloomington-team-develops-technology-with-jcitr-grant/>
- 2016 Review of Pepler's chapter in the *Handbook of Research on the Societal Impact of Digital Media* published by IGI was recently reviewed by Rebecca Black of UC Irvine in *Education Review*. Available at: <http://edrev.asu.edu/index.php/ER/article/view/1997>
- 2016 Tech Point coverage of the Mira Tech Educator of the Year Award (including video interview). Available at: <http://techpoint.org/2016/04/ius-dr-kylie-pepler-wins-tech-educator-year-mira-award/>
- 2016 Indianapolis Business Journal coverage of the Mira Tech Educator of the Year Award: <http://www.ibj.com/articles/58246-appirio-grabs-top-honors-at-mira-tech-awards>
- 2016 Featured workshop on E-textiles on the WTIU Friday Zone.
- 2016 Interview for NAVE, Advanced Educational Center, is an integrated education program created by Oi Futuro Institute in partnership with the Pernambuco and Rio de Janeiro (Brazil) State Education Departments. Published in the NAVE newspaper.
- 2016 Herald Times coverage of Mira Tech Award: "IU professor wins Tech Educator of the Year award". Available at http://www.heraldtimesonline.com/news/local/higher-education-briefs-may/article_32e7836c-03e7-515a-bc95-1e520ae3dca5.html
- 2016 IU Center for Excellence for Women in Technology (CEWiT) coverage of the Mira Tech Educator of the Year Award: <http://cewit.indiana.edu/news/archive/mira-award.shtml>
- 2016 National Science and Technologies coverage of the Creativity Labs: The shared URL to the embedded video on the NSTA website. Available at <http://www.websedgeplayer.com/watch.php?id=2499>
- 2016 National Science and Technologies coverage of the Creativity Labs: Found with some exploring on this site. Available at <http://www.nsta.org/conferences/nstatv.aspx>

- 2016 Two of Peppler's projects featured in the White House CS4All "FACT SHEET: New Progress and Momentum in Support of President Obama's Computer Science for All Initiative". Available at: <https://obamawhitehouse.archives.gov/the-press-office/2016/09/14/fact-sheet-new-progress-and-momentum-support-president-obamas-computer>
- 2016 IU Alumni IU Alumni Association magazine - @Winter 2016 - <https://www.myi.u.org/2---iuaa-membership/iu-alumni-magazine>
- 2015 One of 15 female IU faculty members featured in Her Story, honoring women who have helped shape the future of Indiana University Bloomington (<https://herstory.iu.edu/peppler-kylie.html>)
- 2015 StateImpact Indiana is a collaboration of WFIU and Indiana Public Broadcasting station covers the opening of the new Maker Space (<http://indianapublicmedia.org/stateimpact/2015/12/03/iu-school-educations-maker-space/>)
- 2015 Inside The IU School Of Education's New Maker Space on WTIU News (<http://indianapublicmedia.org/stateimpact/2015/12/03/iu-school-educations-maker-space/>)
- 2015 Makerspace opens in IU School of Education (<https://www.youtube.com/watch?v=BvsiMH92k90&feature=youtu.be>)
- 2015 IU School of Education to celebrate opening of 'maker space' (<http://news.indiana.edu/releases/iu/2015/11/maker-space-launch.shtml>)
- 2015 Water Bears App wins "Best of Show" in Serious Games Competition (<http://seriousgamesmarket.blogspot.com/2015/07/schell-games-awarded-best-of-show-2015.html>)
- 2014 Profiled in weblog Schools and Museums: Reflection on Museums, Programs, and Visitors (<https://museumquestions.com/2014/12/22/schools-and-museums-interview-with-kylie-peppler/>)
- Peppler featured on the Brilliant Minds research video series, Indiana University. Available at <http://research.iub.edu/2014/10/kylie-peppler/>
- 2014 Peppler and the Purdue V-ICED project featured in PCB Design blog: 'Cyberlearning' Platforms Allow Non-artists to Illustrate. Available at <http://www.pcbdesign007.com/pages/zone.cgi?a=101164>
- 2014 Peppler highlighted on ALA news: Dr. Kylie Peppler of the Learning Research Network to speak at ASCLA's President's Program. Available at <http://www.ala.org/news/press-releases/2014/04/dr-kylie-peppler-learning-research-network-speak-asclas-presidents-program>
- 2014 Peppler profiled on IU Bloomington Newsroom: Indiana University Bloomington presents Outstanding Junior Faculty Awards. Available at <http://news.indiana.edu/releases/iu/2014/03/outstanding-junior-faculty-awards.shtml>
- 2014 Peppler highlighted in Education Daily's cover article, Experts: Bridge formal, informal learning using digital media by Emily Ann Brown, Volume 47, No. 42, Thursday, March 6, 2014
- 2014 Peppler's work on interest-driven arts learning highlighted on the DML Central Blog by Barry Josephs. Available at: <http://dmlcentral.net/blog/barry-joseph/exploring-digital-media-and-museum-based-learning>
- 2014 Educator Innovator press release around Teaching in the Connected Learning Classroom. Available at: <http://blog.nwp.org/educatorinnovator/2014/02/28/teaching-in-the-connected-learning-classroom-ebook-now-available/>
- 2013 Digital Is press release around Teaching in the Connected Learning Classroom. Available at: <http://digitalis.nwp.org/site-blog/teaching-connected-learning-classroom/5995>
- 2013 Peppler profiled on New Learning Times. Available at <https://newlearningtimes.com/cms/article/1157>

- 2013 Peppler's Interest-Driven Arts Learning Report among the top 10 downloaded at the Wallace Foundation. Available at <http://www.wallacefoundation.org/view-latest-news/InTheNews/Pages/The-Wallace-Foundation-10-Most-Popular-Publications-in-2013.aspx>
- 2013 IU Newsroom Press Release: Federal grant funding IU project to understand the best teaching to help children learn about complex systems. Available at <http://news.indiana.edu/releases/iu/university-wide/2013/09/education-complex-systems.shtml>
- 2013 IU Newsroom Press Release: School of Education faculty member, center heading up free Chicago 'Make-to-Learn' symposium. Available at <http://newsinfo.iu.edu/news/page/normal/23929.html>
- 2013 New Jersey (nj.com) article: Wallace Foundation finds new technology fuels young artists' creativity and artwork. Available at: http://www.nj.com/entertainment/arts/index.ssf/2013/07/digital_technologies_wallace_foundation_arts_education.html
- 2013 Digital Education Blog: Arts Education Moves Beyond the Classroom. Available at http://blogs.edweek.org/edweek/DigitalEducation/2013/07/arts_education_moves_beyond_th.html
- 2013 89.3 KPCC Southern California Radio: Where do we learn? New report finds arts education increasingly happens outside of school. Available at <http://www.scpr.org/blogs/education/2013/07/30/14385/where-do-we-learn-new-report-finds-arts-education/>
- 2013 The Almanac.net: Area teachers attend STEAM workshops. Available at <http://www.thealmanac.net/article/20130726/LIFESTYLES02/130729961/0/news#.UfaKkVPqBzq>
- 2013 Creativity Labs and Peppler highlighted in Bloomington Makeevention advertisements: Available at <http://www.youtube.com/watch?v=BWbbChzkHt0&feature=youtu.be>
- 2013 Remake Learning: The Maker Movement Finds its Way into Pittsburgh Classrooms. Available at <http://remakelearning.org/blog/2013/08/26/the-maker-movement-finds-its-way-into-pittsburgh-classrooms/>
- 2013 Playground Magazine: The Maker Movement Finds its Way into Pittsburgh Classrooms. <http://www.pgpnewscenter.com/play/maker-movement-finds-its-way-urban-classrooms>
- 2013 Blending High- and Low-Tech Worlds with a Maker-Driven Agenda. RiFFs: The expert interview series of the Digital Media and Learning Research Hub. Available at: <http://dmlhub.net/newsroom/expert-interviews/blending-high-and-low-tech-worlds-maker-driven-agenda> (last accessed August 28, 2013).
- 2012 60 minute Live Webinar with Julian Sefton-Green and the DML Hub on Learning in Out-of-School Contexts: Education in Non-Formal Settings. The webinar is page on connectedlearning.tv: <http://connectedlearning.tv/julian-sefton-green-learning-out-school-contexts-education-non-formal-settings>
- 2012 60 minute Live Webinar with Kylie Peppler and the DML Hub on High-Tech Textile Design: Learning by Doing and Making. The webinar page on connectedlearning.tv: <http://connectedlearning.tv/kylie-peppler-high-tech-textile-design-learning-doing-and-making#asked>
- 2012 60 minute Live Webinar with Mitchel Resnick and the DML Hub on Sowing Seeds for a more Creative Society: Available in the Livestream Channel's Video Library: <http://livestre.am/1kIHL>. The webinar page on connectedlearning.tv: <http://connectedlearning.tv/sowing-seeds-more-creative-society>
- 2012 Featured in an article in the Lafayette, IN Journal & Courier newspaper on the educational value of smart devices: iPlaytime: More children reaching for smartphones and tablets raises some concern from parents by Taya Flores. Also available online at <http://www.jconline.com/article/20120109/LIFE/201080323/Sunday-rewind->

- [iPlaytime-More-children-reaching-smartphones-tablets-raises-some-concern-from-parents](#) (Last Accessed January 14, 2012).
- 2011 BeeSim highlighted on fashioningtech blog by Syuzi Pakhychan: <http://www.fashioningtech.com/profiles/blogs/beesim-interactive-epuppet> (Last Accessed March 20, 2012).
- 2011 BeeSim highlighted on Makezine.com: <http://blog.makezine.com/2011/02/16/beesim-game-using-lilypad-and-xbee/> (Last Accessed March 20, 2012).
- 2011 Book Review of the 20Under40 Edited Volume: Funk, C. (2011). Things to come, things already done: a review of 20UNDER40: Reinventing the Arts and Arts Education for the 21st Century. *Visual Inquiry*, (1)1, p. 71-75(5): <http://www.ingentaconnect.com/content/intellect/viq/2011/00000001/0000001/art00009;jsessionid=ghwt4tu55qai.alice>
- 2011 90-minute interview on Public Television Broadcast in Cleveland, OH, interviewed on the program “How Arts Rich Environments Impact Achievement.” Community Forum event @ Westfield Insurance Studio Theater, Idea Stream at Playhouse Square.
- 2011 Featured in Make Magazine: Hayes, G. (2011). Hivemind for Kids. In Make Magazine’s Volume 28 on Toys and Games. Also available online at <http://makezine.com/28/beesim/>
- 2011 National Writing Project Podcast on Exploring “Systems Thinking” with Grinding New Lenses: <http://tinyurl.com/GrindingLensesSummerCamp>. This podcast features teachers as well as members of the Indiana University research team sharing and reflecting on the 2011 Chicago summer camp implementation.
- 2011 Grinding New Lenses Work Featured on the Institute of Play’s Website and National Writing Project: Zaman, R. (2011). Curriculum, Rewired: Teachers and Students Come Together Around Innovative New Pedagogy. <http://www.instituteofplay.org/2011/09/curriculum-rewired/> and <http://www.nwp.org/cs/public/print/resource/3653>
- 2011 Book Review on The Computer Clubhouse: Curran, C. (2011). Book Review of the Computer Clubhouse: Creativity and Constructionism in Youth Communities. *E-Learning and Digital Media*, (8)1, p. 86-89.
- 2011 Featured on the Ed Wenck show/WIBC radio in Indianapolis for work on Rhythmic Videogames producing the next prodigy.
- 2011 Feature Topic at the IU School of Education: A simulated bee creates quite a buzz about science: School of Education researchers find a fake bee is making science more real [.http://education.indiana.edu/Feature_Topic_Detail/tabid/11553/Default.aspx?xmId=6272](http://education.indiana.edu/Feature_Topic_Detail/tabid/11553/Default.aspx?xmId=6272)
- 2011 Feature on the University of Pennsylvania’s Graduate School I of Education News on *Programming from Scratch*: <http://www.gse.upenn.edu/programming-from-scratch>
- 2011 Indiana Daily Student (IDS) coverage: Assistant Professor connects games, art: <http://www.idsnews.com/news/NewStoryPrint.aspx?id=80466>
- 2011 School of Education researcher investigating how 'Guitar Hero' might produce the next prodigy: <http://newsinfo.iu.edu/news/page/normal/17692.html>
- 2011 Make Magazine coverage of BeeSim: <http://blog.makezine.com/archive/2011/02/beesim-game-using-lilypad-and-xbee.html>
- 2011 Make: Japan coverage of BeeSim: <http://jp.makezine.com/blog/2011/02/beesim-game-using-lilypad-and-xbee.html>
- 2010 Teachers College Record Interview highlighting “Arts Education for a Digital Age” article <http://www.tcrecord.org/content.asp?contentid=15945>
- 2010 Teachers College Record book review of The Computer Clubhouse: Guzzetti, B. (2010). Book Review of the Computer Clubhouse: Creativity and Constructionism in Youth Communities. *Teachers College Record*.

- 2010 *indiana education* (i.e.): Governor's Award Honors School of Education Faculty Member (January 2010)
- 2010 Bloomington Herald Times: Pepler receives Governor's Award (January 2, 2010)
- 2010 Chalkboard: Research Awards, Honors, Appointments for Faculty (Spring, 2010): <http://education.indiana.edu/Portals/205/chalkboard/CHALKBOARD%20SPRING%202010.pdf> (Last Accessed: Jan. 1, 2011)
- 2010 Featured in the Indiana University's School of Education Annual Report (2010): <http://education.indiana.edu/Portals/106/IU%20School%20of%20Education%20Annual%20report%2009-10.pdf> (Last Accessed: Jan. 1, 2011)
- 2010 Bloomington Herald Times: Pepler Donates Award to the Boys and Girls Club (February 2, 2010): <http://www.heraldtimesonline.com/stories/2010/02/02/news.082096.sto> (Last Accessed: Jan. 9, 2011)
- 2010 Bloomington Herald Times: Young leader's donation will help others grow (February 3, 2010)
- 2010 Interviewed in INDYSTAR.com—Wanted: Role Models <http://www.indystar.com/apps/pbcs.dll/article?AID=/201001030245/LOCAL/1030392>
- 2010 Four Projects FEATURED on Instructables.com: Full Demonstration of all LilyPad Components <http://www.instructables.com/id/Full-Demonstration-of-all-LilyPad-components/>; LilyPad Wrist Band POV <http://www.instructables.com/id/LilyPad-Wrist-Band-POV/>; Programmable LilyPad EL-Wire Dress <http://www.instructables.com/id/Programmable-LilyPad-EL-Wire-Dress/>; Wireless Dance Costume <http://www.instructables.com/id/Wireless-Dance-Costume/>.
- 2010 Webwise 2010: "Imagining the Digital Future" talk highlighted <http://www.tvworldwide.com/events/webwise/100303/default.cfm?id=12058&type=flv&test=0&tab=1&live=0>
- 2010 Springboard Media coverage of 20Under40 book release, highlighting "The New Fundamentals" <http://springboardmedia.blogspot.com/2010/11/new-thinking-on-arts-20-under-40.html>
- 2010 Pegasus Communications: Systems Thinking in Action Coverage of the MacArthur Grant <http://blog.pegasuscom.com/Leverage-Points-Blog/bid/30132/MacArthur-Foundation-Funds-Systems-Thinking-in-Education-Project> (Last Accessed: Oct. 6, 2010)
- 2010 Live Interview with Paul Allison on EdTechTalk <http://paulallison.posterous.com/please-join-kylie-pepler-and-several-other-t> (Last Accessed: Oct. 6, 2010)
- 2010 FEATURED on Craftzine.com: LilyPad Wrist Band POV (http://blog.craftzine.com/archive/2010/03/lilypad_arduino_pov_wristband.html); (http://blogs.craftzine.com/archive/author/becky_stern/?limit=10&offset=456)
- 2010 Interview with Pegasus Communications: Systems Thinking in Action (2010) <http://blog.pegasuscom.com/Leverage-Points-Blog/bid/30818/Not-Your-Old-School-Systems-Thinking-Using-New-Media-to-Learn-by-Play> (Last Accessed: Oct. 6, 2010)
- 2010 Indiana Women in Computing (InWIC) Coverage <http://www.cs.indiana.edu/inwic/fun.html> (Last Accessed: Jan 13, 2011)
- 2010 Indiana University Coverage of the MacArthur Grant on Systems Thinking <http://newsinfo.iu.edu/news/page/normal/13104.html> (Last Accessed: Oct. 6, 2010)
- 2010 Chalkboard (Winter, 2010): Faculty members publish, receive honors <http://education.indiana.edu/Portals/205/chalkboard/Winter10Chalkboard-Web.pdf>

- 2010 Chalkboard (Spring 2010): Grants Fund New Research
<http://education.indiana.edu/Portals/205/chalkboard/CHALKBOARD%20SPRING%202010.pdf>
- 2009 Interview with Henry Jenkins featured on his blog (2009)
http://henryjenkins.org/2009/12/inside_the_computer_clubhouse.html;
http://henryjenkins.org/2009/12/inside_the_computer_clubhouse_1.html;
http://henryjenkins.org/2009/12/inside_the_computer_clubhouse_2.html
- 2009 Web coverage from the IU News Room: School of Education professor honored with Governor's Award for Tomorrow's Leaders (2009):
http://education.indiana.edu/news_detail/tabid/10308/Default.aspx?xmid=2665
 (Last Accessed: Jan. 1, 2011)
- 2009 Indiana Humanities Council coverage of the Governor's Award for Tomorrow's Leaders (2009):
http://www.indianahumanities.org/prog_big_ideas_gov_awards.aspx (Last Accessed: Jan. 15, 2011)
- 2009 Front page of Bloomington Herald Times: Education professor wins state award for innovation, inspiration (December 27, 2009):
<http://www.cs.indiana.edu/inwic/peppler.pdf> (Last Accessed: Jan. 1, 2011)
- 2008 Indiana University News Coverage of MacArthur Scale-Up Grant (2008)
<http://homepages.indiana.edu/web/page/normal/13260.html>
- 2007 Videogame Visionary: Video coverage of DiGRA conference presentation
<http://www.vgvisionary.com/?p=133> (Last Accessed: May 27, 2008)
- 2006 European broadcast of Les Effets de l'éducation aux Arts Visuels. Kylie Peppler and James Catterall present on learning in the visual arts and worldviews of young children: Lessons from skid row
<http://www.centrepompidou.fr/streaming/symposium/en/sessiona4.htm>.

SERVICE ACTIVITIES

National & International

- 2017 Reviewer, IDC Program Committee
- 2017 Reviewer, MIT Press
- 2016—2020 Advisory Board, Makerspaces in the Early Years: Enhancing Digital Literacy and Creativity (MakeY). PI: Jackie Marsh
- 2016 NSF Panel Reviewer
- 2016 U.S. Dept of Education CTE Makeover Challenge Review Panel
- 2016 Hosted National Working Group Meeting on Portfolio Assessment at the Moore Foundation
- 2016—2019 Advisor, NSF Puppets Project Advisory Board, PI: Michael Nitsche
- 2016—2019 Advisor, NSF Advisory Board for STITCH, PI: Colby Tofel-Grehl
- 2016—present Digital Promise Advisory Board Member
- 2016—2017 Expert Advisor, to NSF INCLUDES: Designing for Diversity: A Networked Improvement Community for Broadening the Participation of Black and Latino Youth in Computational Careers, PI: Margaret Honey
- 2016 Provided Maker Workshops for the US State Department in Qatar
- 2016 Expert Reviewer, Carnegie Mellow University Course on Design with Marti Louw
- 2015—present Georgia Tech/NSF EarSketch DRK-12 Advisory Board, PI: Jason Freeman
- 2015—2016 Technical Working Group, U.S. Department of Education's National Educational Technology Plan, a leading group of educators, technology innovators, and researchers who reviewed drafts of the guide and provided feedback, writing, and examples captured in the report.
- 2015—2016 Queens 2020 Advisory Board, New York Hall of Science (NYSCI) with the generous support of the Simons Foundation and the STEM Funders Network.
- 2015 Expert Reviewer, Carnegie Mellow University Course on Design with Marti Louw
- 2014—present Advisor, Connected Learning Research Network (CLRN) of the MacArthur Foundation (<http://clrn.dmlhub.net/>)

2013—present National ArtsEdSearch Review Panel Member

2009—present Ad-Hoc reviewer for the *Journal of the Learning Sciences*, Oxford University Press, *Teachers College Record*, *Journal of Science Education and Technology*, *International Journal of Learning and Media*, *Science Education*, *the Psychology Aesthetics, Creativity, and the Arts* and other major journals/presses

2015 Co-Chair, FabLearn Conference, Palo Alto, CA

2014—2015 Host the Monthly USMakes! Call Series for the US State Department

2014 Hosted Open Portfolio Workshop at the Project Zero Conference

2014 Hosted National Working Group Meeting at the Moore Foundation

2014 Provided E-Textiles Workshops for the US State Department in Russia and Belarus

2014 Participant, Maker Meeting, Pittsburgh, PA

2014 Participant, Open Courses/Connected Commons Workshop, Palo Alto, CA

2014 Co-Chair, FabLearn Conference, Palo Alto, CA

2013—2014 National Common Core Arts Standards (NCCAS) reviewer for The John F. Kennedy Center for the Performing Arts

2013—2014 Host the Monthly MacArthur Design Research Call Series

2013 Peppler, K. (2013). Digital Media and Learning Communications Meeting. Held January 31-February 1, 2013 in Chicago, IL.

2013 Ad-hoc Reviewer, Psychology Press (Taylor & Francis Group), *Psychology of Popular Media* (APA), *Science Education*, and *Mind, Culture & Activity*

2013 Provided E-Textiles Workshops for the Chicago Public Libraries

2013 Provided E-Textiles Workshops for the South Fayette School District, Pittsburgh PA

2013 Participant, Conference on Longitudinal Study of Out-of-School Time Science Programs June 17-19, 2013, Convened by National 4-H Council and Dr. Robert Tai at the Moore Foundation, Palo Alto, CA

2013 Participant, MacArthur DML Major Projects Meeting in Chicago, IL

2013 Participant, CSCL Workshop: From Data Sharing to Data Mining: A Collaborative Project to Create Cyber-Infrastructure to Support and Improve Design Based Research in the Learning Sciences. 2013 Computer-Supported Collaborative Learning Conference in Madison, WI

2013 Participant, US Department of Education/MacArthur Foundation Reimagining Education: Empowering Learners in a Connected World event. Knight Conference Center at the Newseum, Washington, DC. May 28-29, 2013

2013 Chair, Make-to-Learn Symposium held on March 13, 2013 in Chicago, IL

2012—2013 Chair, Make-to-Learn (m2l.indiana.edu) thematic initiative for the MacArthur Foundation

2012 National Science Foundation Review Panel, REESE Competition

2012 Judge, Instructables.com challenge competition for connecting making and learning in schools

2011 Ad-hoc reviewer for Oxford University Press, *Journal of Creative Behavior*, *The Journal of the Learning Sciences*, *Journal of Children and Media*, and the Tangible Embedded and Embodied Interaction Conference

2011 Consultant for the Cleveland Metropolitan School District's Department of Arts Education's Premier Arts Specialty System (PASS), the district's four K-8 arts infused, and culturally responsive schools in Ohio.

2011 Consultant for the Jefferson County Public Schools in Louisville, KY Gheens Academy of Curriculum and Instruction, which designs and supports curriculum throughout a district of 150+ schools.

2011 AERA Presidential Working Group Leader: Interest Driven Learning and Participatory Democracy: A 21st-Century Agenda for Technology and Education

2011 Wallace Foundation's Policy Panel on Reimagining the School Day

2011 National Science Foundation Review Panel, Cyberlearning Competition

2010—2013 Member of the ScratchEd Advisory Board

- 2008—2010 Advisory Board of the Institute of Museum and Library Services (IMLS) Nation of Leaders Research Grant Advisory Board (“Media MashUp”) for the Science Museum of Minnesota, Wilmette Public Library (IL), Public Library of Charlotte Mecklenburg County, Memphis Public Library, the Free Library of Philadelphia and the Seattle Public Library
- 2008 Reviewer, Session Chair, and Discussant for the American Educational Research Association (AERA)
- 2008 DIGITEL (Digital Game and Intelligent Toy Enhanced Learning) Conference Program Committee
- 2008 Reviewer for the Interaction Design for Children (IDC) Conference in Chicago, IL
- 2006—2008 Member of the International Society for the Learning Sciences (ISLS) Education Committee
- 2004—2007 Volunteer in South Los Angeles Computer Clubhouse funded by Intel
- 2007 Reviewer for the Journal of Science Education
- 2005—2006 Member of the UCLA, Principal Leadership Instruction (PLI) Faculty Search Committee
- 2005 Opportunities Unlimited Charter High School, Arts and Technology Curriculum Development Consultant: <http://www.youincla.org/clubhouse/charterschool>

State & Local

- 2015 Hosted Workshop for the Indiana Connected Educators (ICE) Group in Noblesville, IN
- 2013 Wonderlab Professional Development for Area Third Grade Teachers. June 2013.
- 2013-*present* Partnership with the Girl Scouts of America: provide ongoing e-textile workshops for badges
- 2013-*present* Partnership with the Monroe County Public Library: provide ongoing e-textile workshops and other hands-on maker programming, guidance on the design of the new digital creativity space for teens
- 2009-*present* Partnership with Bloomington Project School: provide ongoing technology support, creation on MakerCart model, grant support assistance, assist in creating a new vision for technology at the School, provide regular programming in computational textiles, computer programming, game design, and the arts
- 2008-*present* Partnership with Bloomington Boys and Girls Clubs: Responsible for sending a steady flow of 50 undergraduate and graduate mentors yearly, provide ongoing technology support, assist in creating a new vision for technology at the Club, and provide regular programming in computational textiles, computer programming, game design, and the arts
- 2013 Co-Chaired and organized the IUPartnershare Event for Indiana State Superintendents
- 2012 Hacking and Making with E-textiles. Invited presentation at the Girls in STEM workshop at Indiana University, Bloomington.
- 2012 Wonderlab Professional Development for Area First Grade Teachers. June 2012.
- 2010 Provided Computational Textile Workshops for the Indiana University Harris Science Camp for Underrepresented Youth
- 2010 Provided Computational Textile Workshops for the Purdue University SPIRIT Summer Camp

University, School and Department

- 2016 Member, Search committee for the new Dean of the School of Arts and Design (SOAD)
- 2015-2016 Member, Arts & Humanities Council
- 2014—2016 Chair, The School of Education Make-Innovate-Learn Lab (MILL) space design committee
- 2012—*present* Faculty Leader, Indiana University Center for Excellence for Women In Technology (CEWIT), <http://cewit.indiana.edu/faculty/leadership/index.shtml>

2008— <i>present</i>	Chair, Masters of Learning and Developmental Sciences Committee, Indiana University
2011—2016	Co-Founder, IUMakes, Committee for the creation of a new FabLab at Indiana University/Bloomington community (http://www.iub.edu/~iumakes/)
2015	IU STARS PD Talk
2015	Hosted the Ribbon-Cutting Ceremony for the New Makerspace at the Indiana University School of Education
2014	Member, Search committee for the new Indiana University Vice Provost of Research
2014–2015	Chair, Learning Sciences, Media, Technology (LSMT) Certificate Program, Learning Sciences, Indiana University
2014–2015	Member, Agenda Committee, Indiana University School of Education Policy Council
2013–2015	Member, Indiana University School of Education Policy Council
2011–2015	Co-Chair, New and Existing Undergraduate Programs, Learning Sciences Program, Indiana University
2013	Member, Department of Counseling and Educational Psychology Merit Review Committee
2013	Provided E-Textiles Workshops for the Indiana University Diversity, Equity, and Multicultural Affairs (DEMA)
2012	Member, Joint School of Education & School of Informatics Computer Science Education Search Committee
2012	Chair, Recruitment Weekend, Learning Sciences Program, Indiana University
2011 - 2013	Alternate, Indiana University, School of Education Policy Council
2011 – 2012	Member, Search Committee for Position in Computer Science and Education, Indiana University.
2010 - 2013	Member, Indiana University Graduate Studies Committee (GSC/RAFA)
2010 - 2012	Chair, Indiana University School of Education Dissertation of the Year Committee
2009 – 2010	Ad-Hoc presenter for P544, P600 and Learning Sciences Pro-Sem events
2009	Member, Dissertation Award Committee, Counseling and Educational Psychology, Indiana University
2009 - 2013	Co-Chair, Recruitment Committee, Learning Sciences, Indiana University
2009 - 2012	Co-Chair, Learning Sciences, Media, Technology (LSMT) Certificate Program, Learning Sciences, Indiana University
2008	Chair, Learning Sciences Recruitment Weekend Committee, Indiana University
1998	Member, Indiana Board of Education's Character Education Committee with Dr. Suellen Reed

Service Projects Conducted by Pepler's Graduate Students

2016	March 4: Mini Maker Faire at IST Conference March 5: Connor Prairie Make Day May 9: Pittsburgh Remake Learning Days (Google) May 20-25: FabLearn Australia & Residency (Anna) June 17- 23: National Week of Making (DC)
2015	April 14: Parkview Primary School Science Fair April 15: Westgate Academy Summer Camp (writing curriculum) May 22: Clifty Creek Elementary STEM Fair June 1: MCPL Maker Days (e-textiles) June 15-18: E-textiles in Pittsburgh June 17-25: WonderLab Summer Camp (2 rounds for different age groups) June 22: WonderLab SSI Standards June 22: MCPL Drop-In--Creative Circuits July 1: World Children's Festival July 6: MCPL Maker Days--sewing

July 20: MCPL Drop-In--Water Bears
August 3: MCPL Maker Days--Makey Makey
August 15: Summer ICE Conference workshop
August 29: Makevention
September 24: WonderLab First Friday Evening-- Science of Art
September 26-27: FabLearn 2015
October 5-9: WonderLab Fall Camp (littleBits)
October 14: Fall ICE conference workshop