

KYLIE PEPPLER
Associate Professor
Curriculum Vitae, April 2020

Informatics & Education
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EDUCATION

Ph.D., Education University of California, Los Angeles, 2007
B.A., Psychology, French, and Studio Art Indiana University, Bloomington, 2002

CURRENT APPOINTMENT

Associate Professor, Joint Appointment in the Department of Informatics & School of Education,
UC Irvine, 2018 – present

PRIOR APPOINTMENTS

Associate Professor, Learning Sciences, School of Education, Indiana University, 2015 – 2018
Visiting Scholar, School of Education, Stanford University, 2016-2017
Assistant Professor, Learning Sciences, School of Education, Indiana University, 2008 – 2015
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 Geiogamah, 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

Arts, Making and Engineering (EDUC 218/IN4MATX 295), University of California, Irvine
Ubiquitous Computing (IN4MATX 148), University of California, Irvine
Learning, Development, and Culture (EDUC 225), University of California, Irvine
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 (G)

- G46. Peppler, K. (\$75,000; July 2020 – June 2021). Workforce Readiness for the Creative Economy of Southern California: Developing Pathways for Youth through Research-Practice Partnership. UC-Irvine, Donald Bren School of ICS Dean's Office and Department of Informatics.
- G45. Peppler, K. (\$29,999; October 2019 – September 2021). Teaching and Learning through the Arts. Chicago Arts Education Partnerships and 21st Century Community Learning Centers.
- G44. Peppler, K. (\$2,237.06, March 2020 – June 2020). Crafting indigenous computing: Exploring weaving as context for designing inclusive computer science education at the Centro de Textiles Tradicionales del Cusco. UC-Irvine, Academic Senate Council on Research, Computing, and Libraries (CORCL) and School of Education Dean's Office.
- G43. Ramani, K., Peppler, K., Redick, T., Zhang, S., & Ebert, D. (\$1,000,000 with \$100,000 to Kylie Peppler; September 2019 – May 2020). RAISE: C-Accel Pilot - Track B1 (Future Jobs and AI): Skill-LeARn: Affordable and Accessible Augmented Reality Platform for Scaling Up Manufacturing Workforce, Skilling, and Education (OIA #1937036). The National Science Foundation.
- G42. Peppler, K., Acemonglu, D., Ramani, K., Redick, T., Nof, S., & Quinn, A. (\$2,500,000 with \$300,002 to Kylie Peppler; August 2018-September 2022). Future of Work at the Human-Technology Frontier (FW-HTF): Pre-skilling workers, understanding labor force implications and designing future factory human-robot workflows using a physical simulation platform. The National Science Foundation.
- G41. 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 (IIS #1553398). The National Science Foundation.
- G40. Börner, K, Peppler, K, Kennedy, B, et al. (\$2,526,554; August 2016 – July 2021). Data Visualization Literacy: Research and Tools that Advance Public Understanding of Scientific Data (DRL #1713567). The National Science Foundation.
- G39. Bennett, D., McMillan, K., & Monahan, K., (\$2,200,000 with \$205,325 to Kylie Peppler; September 2017 – August 2020). Understanding How Narrative Elements Can Shape Girls' Engagement in Museum-Based Engineering Design Tasks (DRL #1712803). The National Science Foundation.
- G38. Bevan, B., Scarff, L., Bell, P., Peppler, K., Sefton-Green, J., and Soep, L. (\$1,952,296.00 with \$320,000 to Kylie ; January 2017 – March 2022, estimated). SciLearning+ Phase 2: 21st Century ISE Art + Science: Hybridity as a Means for STEM Educational Equity (#1647150). The National Science Foundation / Wellcome Trust.

PRIOR FUNDED RESEARCH (G)

- G37. Peppler, K. (\$75,000; January 1 - June 30, 2019). Designing for Connected Learning on the LRNG platform. Southern New Hampshire University.
- G36. Peppler, K. & Gresalfi, M. (\$1,500,000 total award with \$951,445 to Indiana University, September 2014-August 2020). COLLABORATIVE: Re-Crafting Mathematics Education: Designing Tangible Manipulatives Rooted in Traditional Female Crafts (DRL #1420303). The National Science Foundation.
- G35. Peppler, K. (\$98,000; May 2018-May 2019). Learning-Objective Based Design and Assessment for the Online Manufacturing Certificate Program. The Boeing Company.

- G35. Peppler, K. (\$750,000; December 2015 – December 2018). LRNG: Deepening Learning. Funding from The MacArthur Foundation, Best Buy Foundation, and Fossil Foundation.
- G40. Peppler, K. & Wu, J. (\$7,500; August 2018-December 2019). Fabric Origami: New Materials for Learning Computer Sciences and Mechanical Engineering. Center for Craft, Creativity, and Design.
- G33. Peppler, K. & Hoadley, C. (\$369,777; December 2015 – October 2018). The Hive Research Lab: Investigating and Supporting Youth Interest-Driven Learning Pathways in Hive NYC. Funding from the Spencer Foundation.
- G32. Peppler, K., Danish, J., & Moczek, A. (\$1,036,000; August 2013-December 2018). BioSim: Developing a Wearable Toolkit for Teaching Complex Science Through Embodied Play (IIS #1324047). Grant from The National Science Foundation.
- G31. Maker Education Initiative & Peppler K. (\$300,000 with a sub-contract of \$144,411; July 2015 – February 2018). Phase II of the Open Portfolio Project (#066917-00002B). Grant from The Gordon and Betty Moore Foundation.
- G30. Peppler, K. (\$75,000; January 2016 – December 2016) Faculty Research Support Program for initial work and proposal development/resubmission. Indiana University, Bloomington.
- G29. 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.
- G28. 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/MacArthur Foundation.
- G27. Maltese, A. & Peppler, K. (\$150,000; May 2015 – May 2016). “Making” STEM pathways. Grant from Google Foundation.
- G26. 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.
- G25. 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.
- G24. Peppler, K. (\$30,000; September 2014-August 2015). Designing the Connected Commons. The DML Hub at the University of California, Irvine.
- G23. 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.
- G22. 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.
- G21. 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.
- G20. 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.
- G19. Peppler, K. (\$66,017; May – August, 2013). Chicago Summer of Learning. Grant from The Chicago Community Trust.
- G18. 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.
- G17. 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.

- G16. 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.
- G15. 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.
- G14. Peppler, K. (\$70,000; January 2011-January 2012). New Opportunities for Self-Directed Arts Learning in a Digital Age. Grant from the Wallace Foundation.
- G13. 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).
- G12. 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.
- G11. 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.
- G10. 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.
- G9. 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.
- G8. Peppler, K. (\$2,500; September 2010). Visiting Fellowship to bring Jeanne Bamberger to Indiana University, Bloomington campus. Indiana University Institute for Advanced Study.
- G7. 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.
- G6. 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.
- G5. 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.
- G4. Peppler, K. (\$10,000; January 2006 – December 2006). Retrospective and Portfolio Analyses. Grant from the Ryman Arts Foundation.
- G3. 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.
- G2. 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.
- G1. 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

- 2019 Voted SIGCSE Top Ten Papers of All Time Award for Maloney, J., Peppler, K., Kafai, Y. B., Resnick, M. & Rusk, N. (2008). Programming by Choice: Urban Youth Learning Programming with Scratch. Published in the proceedings by the ACM Special Interest Group on Computer Science Education, Portland, OR.
- 2019 Certificate for Engaged Instruction, UCI Division of Teaching Excellence and Innovation.

- 2018 NSF STEM for ALL Video Showcase award for [The Biosim Project: BeeSim](#), May 14-21, Transforming the Educational Landscape.
- 2017 One of [10 Women Championing Connected Learning](#), honored during Women's History Month by Digital Media + Learning.
- 2017 Outstanding Alumni Early Career Award, Psychological and Brain Studies, Indiana University.
- 2017 University of Otago Research Fellow.
- 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 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).
- 2011 Video Showcase: [Interactive Bee Game](#) featured in Instructables.com, Technology/Wearables.
- 2011 Spotlight in Make Magazine: [BeeSim Game Using LilyPad and XBee](#)
- 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.

SELECTED AWARDS RECEIVED BY FORMER AND CURRENT DOCTORAL STUDENTS

- 2019 Anna Keune, Anita B.org Systers Pass It On Award Winner
- 2019 Sophia Bender, University of Pittsburgh Center for Urban Education Heinz Fellow
- 2019 Nickolina Yankova, Provost's Fellowship at UCI

- 2019 Joey Huang, IUB Provost's Travel Award for Women in Science
- 2019 Anna Keune, IUB Provost's Travel Award for Women in Science
- 2019 Suraj Uttamchandani, Doctoral Consortium at CSCL
- 2019 Naomi Thompson, Doctoral Consortium at CSCL
- 2018 Anna Keune, Doctoral Consortium at ICLS
- 2018 Anna Keune, Frieda Alice Renfro Fellowship for 2018-19
- 2018 Joey Huang, Frieda Alice Renfro Fellowship for 2018-19
- 2018 Sophia Bender, IUB Provost's Travel Award for Women in Science
- 2018 Joey Huang, IUB Provost's Travel Award for Women in Science
- 2018 Anna Keune, IUB Provost's Travel Award for Women in Science
- 2018 Anna Keune, Naomi Thompson, Suraj Uttamchandani, Sophia Bender, Joey Huang, and Mishael Sedas, CRLT Student Conference Travel Award
- 2018 Suraj Uttamchandani, Dr. Harrison Hedley Way Research Fellowship
- 2018 Mishael Sedas and Suraj Uttamchandani, GPSG Travel Award
- 2018 Anna Keune, Counseling and Educational Psychology Trentham Travel Award
- 2017 Anna Keune, Carole A. Ames Fellowship, Indiana University, School of Education, Counseling and Educational Psychology, 2017-18
- 2017 Dr. Heidi Davis-Soylu, Indiana University Dissertation of the Year
- 2017 Anna Keune, Internal Grant to host annual LSGS Conference, awarded to by the Barbara C. Jacobs Chair, & Center for Research on Learning and Technology, IU School of Education
- 2017 Suraj Uttamchandani, Outstanding Associate Instructor Award, School of Education
- 2017 Anna Keune, Counseling and Educational Psychology Trentham Travel Award
- 2016 Anna Keune, Dr. Harrison Hedley Way Fellowship, Indiana University, School of Education, Counseling and Educational Psychology, awarded for 2016-17
- 2016 Dr. Michael Downton, Professor of the Year, awarded by St. John's University
- 2016 Joey Huang, Best Student Paper Award #2, American Educational Research Association (AERA) Annual Meeting
- 2016 Anna Keune, Counseling and Educational Psychology Trentham Travel Award
- 2015 Anna Keune, Special Award for Educational Engagement from Media, sure! But Secure. Competition of Teachtoday, Deutsche Telekom
- 2015 Anna Keune, FabLearn 2015 scholarship
- 2015 Sophia Bender, First winner of the CEWiT Outstanding Student Leadership Award, Indiana University
- 2014 Anna Keune and Naomi Thompson, Second People's choice award for poster presentation, CEWiT Conference, Indiana University Bloomington, IN
- 2014 Suraj Uttamchandani, Dean's Fellowship, Department of Counseling and Educational Psychology, Fall 2014 - Spring 2018
- 2013 Anna Keune, Faculty Fellowship, School of Education, Indiana University, Bloomington, IN, for 2013-17
- 2012 Sophia Bender, Dean's Fellowship, School of Education, Indiana University, Bloomington, IN

PATENTS (P)

- P1. Peppler, K., Danish, J. & Han, S. (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 (students at time of publication)

Refereed books (B)

- B11. Gresalfi, M. & Peppler, K. (under review). *Textile Math: Designing with Yarn*.
- B10. Peppler, K. (Ed.) (2017). [*Encyclopedia of Out-of-School Learning: Volumes 1 & 2*](#). Los Angeles, CA: Sage Publications.

- B9. Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). [*Makeology: Makerspaces as Learning Environments \(Volume 1\)*](#). New York, NY: Routledge. Makeology: Makerspaces for Learning (Volume 1)
- B8. Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). [*Makeology: Makers as Learners \(Volume 2\)*](#). New York, NY: Routledge. Makeology: Makers as Learners (Volume 2)
- B7. Peppler, K. (2014). [*New Creativity Paradigms: Arts Learning in the Digital Age*](#). New York, NY: Peter Lang Publishing.
- B6. Peppler, K., [Santo, R.](#), Salen, K., & Gresalfi, M. (2014). [*Script Changers: Digital Storytelling with Scratch*](#). Cambridge, MA: MIT Press.
- B5. Peppler, K., Salen, K., Gresalfi, M. & [Santo, R.](#) (2014). [*Short Circuits: Crafting E-Puppets with DIY Electronics*](#). Cambridge, MA: MIT Press.
- B4. Peppler, K., Gresalfi, M., Salen, K., & [Santo, R.](#) (2014). [*Soft Circuits: Crafting E-Fashion with DIY Electronics*](#). Cambridge, MA: MIT Press.
- B3. Salen, K., Gresalfi, M., Peppler, K., & [Santo, R.](#) (2014). [*Gaming the System: Designing with Gamestar Mechanic*](#). Cambridge, MA: MIT Press.
- B2. 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.
- B1. 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 (J)

- J40. Peppler, K. A., [Bender, S. M.](#), [Phonethibsavads, A.](#) (under review). *Lights up! Assessing standards-based performance skills in drama education.*
- J39. Peppler, K. & [Sedas, R. M.](#) (under review). *Urban Youth Making at Home: Learning Opportunities from Interest-driven Practices and Supportive Relationships in Minoritized Homes.* Special issue "Young Children, Maker Literacies and Social Change." *Education Sciences* (ISSN 2227-7102).
- J38. [Keune, A.](#), [Yankova, N.](#), & Peppler, K. A. (under review). #quiltsforpulse: Connected and shared production-centered socio-political activism through craftivism.
- J37. Mejias, S., [Thompson, N.](#), [Sedas, R. M.](#), Rosin, M., Wong, J., Price, N., Roche, J., Hurley, M., Peppler, K., Soep, L., Bevan, B., & Bell, P. (in press). The Trouble with STEAM: Conceptualizations for Research, Policy and Practice. *Science Education*.
- J36. Peppler, K., [Thompson, N.](#), Danish, J., Moczek, A., Corrigan, S. (in press). Comparing First- and Third-Person Perspectives in Early Elementary Learning of Honeybee Systems. *Instructional Science*.
- J35. [Phonethibsavads, A.](#), Peppler, K., & [Bender, S.](#) (2019). Utilizing the consensual assessment technique to compare creativity in drama spaces. *Creativity: Theories- Research- Applications*, Vol. 6, Issue 1, 2019.
- J34. [Bender, S.](#) & Peppler, K. (2019). [Connected learning ecologies as an emerging opportunity through Cosplay](#). Huelva, Spain: Comunicar. doi: 10.3916/C58-2019-03. [Bender, S. & Peppler, K. \(2019\). *Los entornos de aprendizaje conectado como oportunidad emergente mediante el Cosplay* \(Spanish version\). Huelva, Spain: Comunicar. doi: 10.3916/C58-2019-03](#)
- J33. [Keune, A.](#), Peppler, K., & Wohlwend, K. (2019). Recognition in makerspaces: Supporting opportunities for women to "make" a STEM career. *Computers and Human Behavior*, 99, pp. 368-380.
- J32. Peppler, K. & [Keune, A.](#) (2019). "It helps create and enhance a community": Youth motivations for making portfolios. *Mind, Culture, and Activity*, 26(3), 234-248.
- J31. [Keune, A.](#) & Peppler, K. (2019). [Materials-to-develop-with: The making of a makerspace](#). *The British Journal of Educational Technology*, 0(0) 2018 pp. 1-14. doi: 10.1111/bjet.12702
- J30. Peppler, K., Wohlwend, K., [Thompson, N.](#), [Tan, V.](#), & Thomas, A. (2018). [Squishing circuits: Circuitry learning with electronics and playdough in early childhood](#). *Journal of Science Education and Technology*, 28(2), pp. 118-132. doi: 10.1007/s10956-018-9752-2
- J29. [Chandrasegaran, S.](#), [Badam, S. K.](#), Kisselburgh, L., Peppler, K., Elmquist, 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
- J28. Peppler, K. (2017). Advancing arts education in a digital age. *Arts in Education Quarterly Newsletter*, 2(3) April 2017. Retrieved on April 14, 2017 from <http://mailchi.mp/anlar/akf7tfklql#FEATURE>
- J27. Peppler, K. & Wohlwend, K. (2017). [Theorizing the nexus of STEAM practice](#). In J. Katz-Buonincontro and C. Conway (Eds.) *Arts Education Policy Review Special Issue: Gathering STEAM*, pages 1-12. Published online: 25 Aug 2017 at <http://www.tandfonline.com/doi/full/10.1080/10632913.2017.1316331> Routledge. doi 10.1080/10632913.2017.1316331
- J26. [Santo, R., Ching, D., Peppler, K., & Hoadley, C. \(2017\). Participatory knowledge building within research-practice partnerships in education](#). In *SAGE Research Methods Cases - Education*. Los Angeles, CA: Sage Publications.
- J25. Wohlwend, K., Peppler, K., [Keune, A., and Thompson, N. \(2017\). Making sense and nonsense: Comparing mediated discourse and agential realist approaches to materiality in a preschool makerspace](#). *Journal of Early Childhood Literacy* 17(3), pp. 444–462. SAGE.
- J24. [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
- J23. [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.
- J22. 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.
- J21. [Buchholz, B., Shively, K., Peppler, K., & Wohlwend, K. \(2014\). Hands on, hands off: Gendered access in sewing and electronics practices](#). *Mind, Culture, and Activity*. July 2014, 21(4) pp. 1-20. DOI:10.1080/10749039.2014.939762
- J20. Peppler, K. A., [Powell, C. W., Thompson, N., & Catterall, J. \(2014, October\). Positive impact of arts integration on student academic achievement in English language arts](#). *The Educational Forum*, 78(4), 364-377.
- J19. 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.
- J18. Peppler, K. (2013). [STEAM-powered computing education: Using e-textiles to integrate the arts and STEM](#). *IEEE Computer*, September 2013, pp. 38 – 43.
- J17. Peppler, K. & [Bender, S.](#) (2013). [Maker Movement spreads innovation one project at a time](#). *Kappan*. 95(3), pp. 22 - 27.
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Other contributions (O)

- O6. Peppler, K. (2018). Interview. In G. Kalmpourtzis (Author) *Educational Game Design Fundamentals: A journey to creating intrinsically motivating learning experiences*. A K Peters/CRC Press.
- O5. D'Urzo, S., Foster, J., [Keune, A.](#), Peppler, K., & Stutzman, A. (2016). [Makerspaces: Providing Pennsylvania practical prefiguration. Techniques](#), 91(6), pp. 25-27.

- O4. [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.
- O3. Peppler, K. (2015) [Tool selection and its impact on collaborative learning](#). Peer commentary to Learning about Urban Sustainability with Digital Stories: Promoting Collaborative Creativity from a Constructionist Perspective. *Constructivist Foundations* 10(3): 398–399. <http://constructivist.info/10/3/398>
- O2. Peppler, K. (2013). [On screen and onstage: Interest-driven arts for teens](#). *Opera America*, Fall 2013, 30-31.
- O1. Peppler, K. (2012). [Scratch: digital art making](#). *Child Art Magazine* 12(1), Number 42. pp. iv.

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- R18. U.S. Department of Education, Office of Educational Technology (January 2016). *Future ready learning: Reimagining the role of technology in education*. Retrieved from: <https://tech.ed.gov/files/2015/12/NETP16.pdf>

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- R16. Peppler, K., Keune, A., & Dahn, M. (2019). AISL NYSCI summative evaluation report: Designing for narrative and cultivating empathy in museum-based settings: supporting girls' engagement in engineering practices. Deliverable to the New York Hall of Science as part of National Science Foundation project #1712803.
- R15. Peppler, K., Keune, A., & Han, A. (2019) AISL II CNS Phase 1 Learning Sciences Research Report. Project deliverable for National Science Foundation project #1713567.
- R14. Peppler, K., Keune, A., & Chang, S. (2018). [Open portfolios research brief series 2](#). Oakland, CA: Maker Education Initiative.
- R13. Hive Research Lab. (2018). [Brokering youth pathways: A toolkit for connecting youth to future opportunity](#). New York, NY: Hive Research Lab.
- R12. [Ching, D., Santo, R.,](#) Hoadley, C., Peppler, K. (2016). *Final report to the Hive Digital Media & Learning Fund at the New York Community Trust*. Bloomington, IN: Indiana University.
- R11. [Ching, D., Santo, R.,](#) Hoadley, C., Peppler, K. (2015). [On-ramps, lane changes, detours and destinations: Building connected learning pathways in Hive NYC through brokering future learning opportunities](#). New York, NY: Hive Research Lab.
- R10. Open Portfolios Maker Education Initiative (2015). *Research brief series*. Retrieved from: http://makered.org/wp-content/uploads/2015/03/Open-Portfolio-Project-Research-Brief-Series_FULL_final-small.pdf
- R9. Peppler, K., Catterall, J.S., and [Bender, S.](#) (2015). [Learning and achieving through the arts: A collaborative project of Inner-City Arts and Los Angeles Unified School District 4](#) (Deliverable to the U.S. Department of Education). Bloomington, IN: Indiana University.
- R8. Peppler, K. (2013). [New opportunities for interest-driven arts learning in a digital age](#). (Deliverable to the Wallace Foundation). Bloomington, Indiana: Indiana University.
- R7. Peppler, K. (2009). *Evaluation of the Inner-City Arts Teachers' Institute*. (Deliverable to the Heller Foundation). Los Angeles: University of California.
- R6. Peppler, K. & [Alvarez, M.](#) (2009). *Evaluation of the Inner-City Arts creativity in the classroom series*. (Deliverable to the Heller Foundation). Los Angeles: University of California.

- R5. Peppler, K., Catterall, J. & Feilen, K. (2009). [*Arts in the middle: A collaborative project of Inner-City Arts and Los Angeles Unified School District 4*](#) (Deliverable to the U.S. Department of Education). Bloomington, IN: Indiana University.
- R4. Peppler, K. & Catterall, J.S. (2006). [*Year two findings on the arts learning of children enrolled in the LA's BEST After School Arts Program*](#) (Deliverable to the LA's BEST After-School Arts Program). Los Angeles: University of California.
- R3. Peppler, K. (2006). [*Ryman Arts 2000-2006: An overview of the program and an assessment of student portfolio work*](#) (Deliverable to the Ryman Arts Program). Los Angeles: University of California.
- R2. Catterall, J.S., Peppler, K. & Feilen, K. (2004). *LA's BEST after school arts program: Exploratory program evaluation* (Deliverable to the LA's BEST After-School Arts Program). Los Angeles: University of California.
- R1. Catterall, J.S. & Peppler, K. (2004). *Arts education and the worldviews of inner-city children.* (Deliverable to the Ford Foundation). Los Angeles: University of California.

Refereed Talks, Workshops and Presentations (RT)

- RT113. Peppler, K., Keune, A., Dahn, M., Bennett, D., & Letourneau, S. (July 2020). Designing for empathy in museum-based settings to support learning pathways to engineering. Connected Learning Summit (CLS), July 29-31, 2020, Cambridge, MA. (Conference canceled).
- RT112. Keune, A., Yankova, N., & Peppler, K. (July 2020). #quiltsforpulse: Investigating quilting processes to inform community-based engagement. Connected Learning Summit (CLS), July 29-31, 2020, Cambridge, MA. (Conference canceled)
- RT111. Peppler, K., Keune, A., Han, A. J., (July 2020). Data Visualization Exploration in Science Museums. Connected Learning Summit (CLS), July 29-31, 2020, Cambridge, MA. (Conference canceled)
- RT110. AERA 2020 Talks**
- RT109. Keune, A. & Peppler, K. (October 2019). Bending the Matrix: Computing as Artifact Transformation with Fiber Crafts. Symposium presentation at the Connected Learning Summit (CLS), October 3-5, 2019, Irvine, CA.
- RT108. Faimon, L., Keune, A., & Peppler, K. (2019). Motivating Computational Weaving: Intersections of Goals and Environmental Aspects to Deepen Engagement. In J. Kalir & Filipaik, D. (Eds.), Connected Learning Summit: Create. Play. Mobilize. (CLS) 2019 (pp. 221). Irvine, CA: Carnegie Mellon University ETC Press.
- RT107. Keune, A., Thompson, N., Faimon, L., & Peppler, K. (2019). Fiber Crafting STEM Learning. In J. Kalir & Filipaik, D. (Eds.), Connected Learning Summit: Create. Play. Mobilize. (CLS) 2019 (pp. 270-271). Irvine, CA: Carnegie Mellon University ETC Press.
- RT106. Fields, D., Kafai, Y., Keune, A., Peppler, K., Lindberg, L., Shaw, M., Coleman, J., Dahn, M., DeLiema, D., Tanenbaum, T. (2019) Artistry, and Affect in Computing. In J. Kalir & Filipaik, D. (Eds.), Connected Learning Summit: Create. Play. Mobilize. (CLS) 2019 (pp. 247). Irvine, CA: Carnegie Mellon University ETC Press.
- RT105. Peppler, K., Wohlwend, K., Rowsell, J., and Goldstone, R. (2019). *Posthuman Perspectives on Learning*. Workshop at the CSCL 2019 Conference. Lyon, FR.
- RT104. Peppler, K. & Sedas, R.M. (April, 2019). Urban children crafting (making) at home: Overlooked intergenerational funds of knowledge. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Toronto, Canada.
- RT103. Peppler, K., Keune, A., Thompson, N., & Bender, S. (April, 2019). Interactive stitch sampler of equitable learning and teaching with electronic textiles in K–12 education. Structured Poster presented at the American Educational Research Association (AERA) Annual Meeting, Toronto, Canada.
- RT102. Phonethibsavads, A., Peppler, K., & Bender, S. (April, 2019). Utilizing consensual assessment to compare creativity in drama spaces. Structured Poster presented at the American Educational Research Association (AERA) Annual Meeting, Toronto, Canada.
- RT101. Keune, A. & Peppler, K. (2018). A self-made woman: Materiality of maker portfolio practices for stem identity development. Roundtable session at the American Educational Research Association (AERA) Annual Meeting, New York, NY.

- RT100. Keune, A. & Peppler, K. (2018). OPP assessment framework – Analytical frameworks to advance the study of making: themes in research and development on makerspaces. Structured poster session at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT99. Keune, A., Wohlwend, K. & Peppler, K. (2018). Technology-Making Children or Technology Making Children? Symposium presentation at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT98. Peppler, K., Corrigan, S., & Delacruz, G. (2018). Makers, gamers, and assessment: Machine learning and design frameworks to automate assessment in open environments. Paper presented at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT97. Peppler, K., Keune, A., & Chang, S. (2018). Youth motivations for open maker portfolios in school and out-of-school makerspaces. Structured poster session at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT96. Santo, R., Chang, D., Penuel, W., Pinkard, N., ... Peppler, K., & Hoadley, C. (2018). Designing for and studying cross-setting ecosystems of learning. Symposium presentation at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT95. Thompson, N., Danish, J., & Peppler, K. (2018). Early elementary systems thinking and perspective-taking in the honeybee hive. Paper presented at the American Educational Research Association (AERA) Annual Meeting, New York, NY.
- RT94. Peppler, K. (2017, June). Evaluating Informal Learning Spaces. Discussant Presentation at the Computer-Supported Collaborative Learning (CSCL) Conference, Philadelphia, PA.
- RT93. Ching, D., Santo, R., Hoadley, C., & Peppler, A. (2017, April). Youth signaling as a means of generating social support around interest-driven learning with technology. Division G–Social Context of Education; Structured Poster presented at the American Educational Research Association (AERA) Annual Meeting, San Antonio, TX.
- RT92. Ching, D., Santo, R., Davis, L.A., Hoadley, C., & Peppler, K. (2017, April). Enacting research-practice partnerships within decentralized organizational networks: A case study of Hive Research Lab and Hive NYC Learning Network. Division G–Social Context of Education; Structured Poster presented at the American Educational Research Association (AERA) Annual Meeting, San Antonio, TX.
- RT91. Danish, J., Peppler, K., Thompson, N., & Thoroughgood, L. (2017, April). BeeSim: Remediating students' engagement with honeybees collecting nectar from a first- and third-person perspective. SIG-Advanced Technologies for Learning; Paper presented at the American Educational Research Association (AERA) Annual Meeting, San Antonio, TX.
- RT90. Keune, A. & Peppler, K. (2017, April). Open Portfolios: Collaboratively Capturing Rich Learning Through Making. Structured Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Antonio, TX.
- RT89. Keune, A. & Peppler, K. (2017, April). "You have to make a makerspace": Material design of an out-of-school tech-center. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Antonio, TX.
- RT88. Peppler, K. (March 2, 2017). Research Seminar Series: Make-to-Learn. University of Otago College of Education, Division of Humanities, Dunedin, NZ.
- RT87. Peppler, K. (March 23, 2017). Science Communication Seminar Series: Make to Learn. University of Otago Centre for Science Communication, Dunedin, NZ.
- RT86. Santo, R., Ching, D., Peppler, K., & Hoadley, C. (2017, April). Going further together: A framework for innovation-focused collaborations in informal learning organizations. Division C– Learning and Instructions; Poster presented at the American Educational Research Association (AERA) Annual Meeting, San Antonio, TX.
- RT85. Thompson, N., Bender, S., Keune, A., Peppler, K., Samson, K., Saxena, P., Sedas, M., & Uttamchandani, S. (2017, April). "Good for you math": Exploring women crafters' comparisons of "craft math" to "school math." Division C– Learning and Instructions; Poster presented at the American Educational Research Association (AERA) Annual Meeting, San Antonio, TX.

- RT84. Ching, D., Santo, R., Hoadley, C., & Peppler, K. (2016). Brokering Learning Opportunities Within an Out-of-School Network: A Conceptual Model for Supporting Youth Interest-Driven Learning. Paper presentation at the American Educational Research Association (AERA), Washington, DC. Found at <http://tinyurl.com/zxw5vla>
- RT83. 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>
- RT82. 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>
- RT81. Peppler, K. (Discussant). (2016). Teachers as Makers, Writers, and Players. Symposium at the American Educational Research Association (AERA), Washington, DC. Found at <http://tinyurl.com/zrztaz>
- RT80. 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>
- RT79. Santo, R., Peppler, K., Ching, D., & Hoadley, C. (2016). "A Citywide Laboratory": Scaling Digital Learning Through Interorganizational Collaboration in the Hive NYC Learning Network. Paper presentation at the American Educational Research Association (AERA), Washington, DC. Found at <http://tinyurl.com/h23qcdc>
- RT78. 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>
- RT77. 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.
- RT76. 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>
- RT75. 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
- RT74. 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
- RT73. 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
- RT72. Peppler, K. (Discussant). (2015). The Maker Movement in Education. Symposium at the American Educational Research Association (AERA), Chicago, IL.
- RT71. Peppler, K. (2015). Using E-Textiles to Integrate the Arts and STEM. Paper presentation at the American Educational Research Association (AERA), Chicago, IL Peppler, K., Thompson, N., Bender, S., & Wohlwend, K. (2015). "Nothing Really for Girls": Paper presentation at the American Educational Research Association (AERA), Chicago, IL Examining the Perceived "Genderedness" of Circuitry Learning Tool Kits.
- RT70. Tan, V., Thompson, N., Bender, S., & Peppler, K. (2015). New Tools for Circuitry Learning: Evaluating the Efficacy of Circuitry Construction Kits. Paper presentation at the American Educational Research Association (AERA), Chicago, IL
- RT69. Wohlwend, K., Peppler, K., & Keune, A. (2015). Design Playshop: Making Spaces for Expansive Learning Through Play, Collaboration, and Playdough "Squishy Circuits."

- Paper presentation at the American Educational Research Association (AERA), Chicago, IL.
- RT68. 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.
- RT67. 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.
- RT66. Tan, V. & Peppler, K. (2014). Design Thinking in Electronic Textiles. Paper presentation at the American Educational Research Association (AERA), Philadelphia, PA.
- RT65. Hoadley, C., Peppler, K., Santo, R., Ching, D., Gutierrez, K., Kafai, Y., Brahms, L., Halverson, E. (2014). Pathways, Trajectories, Ecologies, Oh my! Bridging Theories and Methods for Studying Youth Learning Lives. Symposium at the American Educational Research Association (AERA), Philadelphia, PA.
- RT64. 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.
- RT63. Keune, A., McKay, C., & Peppler, K. (2014). Prototype a design workshop for open maker portfolios. World Maker Faire, Bay Area.
- RT62. 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.
- RT61. 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.
- RT60. Santo, R. & Peppler, K. (2013). *Make-to-Learn.* Presentation at the 2013 Games, Learning and Society Conference, Madison, WI.
- RT59. 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.
- RT58. 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.
- RT57. Buccholz, B., Shively, K. & Peppler, K. (2013). *The Art of Getting Unstuck: Tinkering to Support Creative Learning in Digital Art Practice.* Paper at the 2013 American Educational Research Association (AERA) Conference, San Francisco, CA.
- RT56. Kafai, Y. & Peppler, K. (2013). *DIY Beyond the Screen: Creative, Critical, and Connected Making with E-Textiles.* Paper at the 2013 American Educational Research Association (AERA) Conference, San Francisco, CA.
- RT55. Peppler, K. (2013). *E-Textiles, Physical Computing, and Arts Education "v2k".* Paper at the 2013 American Educational Research Association (AERA) Conference, San Francisco, CA.
- RT54. Eidman-Aadahl, E., Peppler, K., Resnick, M., & Thomas, A. M. (2013). *Broadening Participation in Maker Communities.* Presentation at the Digital Media and Learning Conference, April 2013. Chicago, IL.
- RT53. 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.
- RT52. Peppler, K., Kafai, Y., Fields, D., Eisenberg, M., Buechley, L., Searle, K., & Hsi, S. (2012). *Tinkering with Tangibles: Electronic Textiles in Classrooms, Colleges, and Clubs.* Symposium at the 2012 Digital Media and Learning Conference, March 1-3 in San Francisco, CA.
- RT51. 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 Systems*. Symposium at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
- RT50. Pepler, K., Santo, R., Downton, M., Glosson, D., Shively, K., & Volk, C. (2012). *New Opportunities for Interest-Driven Arts Learning in a Digital Age*. Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
- RT49. Downton, M., Pepler, 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.
- RT48. Wohlwend, K. & Pepler, K. (2012). *Pink Technologies and Playful Pedagogies: Gender, Design, and Barbie Transmedia in Digital and Museum Spaces*. Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
- RT47. Pepler, K., Berland, M., Santo, R., Danish, J., Phelps, D., Gresalfi, M., & Barnes, J. (2012). *Fiddling on the Fly: Thinking, Learning, and Designing Using Board Games*. Symposium at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
- RT46. Pepler, 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.
- RT45. Kafai, Y., Pepler, K., Buechley, L., Fields, D., Searle, K., Eisenberg, M., Eisenberg, A., Huang, Y., & Danish, J. (2012). *Textile Messages: Dispatches from the World of E-Textiles and Education*. Symposium at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.
- RT44. Downton, M. P., Pepler, K. A., and Bamberger, J. (2012). Collaborative Meaning Making in Music: Youths' Discourse During Computer Aided Composition. Paper presented at the 2012 Music Educators National Conference (MENC) Music Creativity Special Research Interest Group. St. Louis, MO.
- RT43. Danish, J., Pepler, K. & Phelps, D. (2011). *BeeSign: Designing to Support Mediated Group Inquiry of Complex Science by Early Elementary Students*. Paper presented at the 2011 American Educational Research Association (AERA) Conference.
- RT42. Downton, M. & Pepler, K. (2011). *Pieces for Peace: Using Impromptu to Build Musical and Cross-Cultural Understanding*. Paper presented at the 2011 American Educational Research Association (AERA) Conference.
- RT41. Kafai, Y. & Pepler, K. (2011). Interactivity as a Lens on Youths' Computational Thinking in an Urban Game Design Studio. Paper presented at the 2011 American Educational Research Association (AERA) Conference.
- RT40. Pepler K., Berland, M., Duncan, S., Games, A. and Gresalfi, M. (2011). Fostering Computational Thinking in Games and Gaming Communities. MacArthur Foundation's Digital Media and Learning Conference, Long Beach, CA.
- RT39. Pepler, K. & Solomou, M. (2011). *Building Creativity: Collaborative Learning and Creativity in a Virtual Gaming Environment*. Paper presented at the 2011 American Educational Research Association (AERA) Conference.
- RT38. Pepler, K. & Glosson, D. (2011). *Here, There and Everywear: Rhizomatic Activity Structures in an online DIY Community of E-Textile Producers*. Paper presented at the 2011 American Educational Research Association (AERA) Conference.
- RT37. Pepler, K., Lindsay, E., Downton, M. & Hay, K. (2010). *The Nirvana Effect: Tapping Rhythmic Videogames to Leverage Learning and Motivation*. Paper presentation at the 2010 American Educational Research Association (AERA) Conference, Denver, CO.
- RT36. Pepler, K., Kafai, Y., Buechley, L., Eisenberg, M. & Gershenfeld, A. (2010). *Computational Textiles as New Media Texts: Digital Media Learning in Youth and DIY Communities*. For the first Digital Media and Learning Conference in La Jolla, California.
- RT35. Pepler, K. & Warschauer, M. (2010). *Uncovering Literacies, Disrupting Stereotypes: Examining the (Dis)Abilities of a Child Learning to Computer Program and Read*. Paper

- presentation at the 2010 American Educational Research Association (AERA) Conference, Denver, CO.
- RT34. Lewin, C., Erstad, O., Peppler, K., Greenhow, C., Crook, C., Naylor, S., Facer, K., Sorensen, B. H., Manchester, H., & Kahr-Hojland, A. (2010). *At the interface – building new relations between formal and informal learning*. Symposium at the 2010 European Conference on Educational Research (ECER), Helsinki, Finland.
- RT33. Kafai, Y., Peppler, K., Resnick, M., Fields, D., Brennan, K. & Diazgranados, A. (2010). *Cultivating Creativity and Criticality in Schools and After-School Programs with Scratch*. For the first Digital Media and Learning Conference in La Jolla, California.
- RT32. Kafai, Y., Peppler, K., Resnick, M., & Brennan, K. (2010). *SCRATCH: Programming for Everyone*. Symposium at the Constructionism Conference, Paris, France.
- RT31. 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.
- RT30. Davis, H. & Peppler, K. (2010). *Voice Portfolios: Artistry in Assessment*. Paper presentation at the 2010 American Educational Research Association (AERA) Conference, Denver, CO.
- RT29. Peppler, K., Warschauer, M. & Diazgranados, A. (2009). *Creating a Culture of Game Designers in Elementary Classrooms and After-School Clubs*. Paper presentation at the 2009 American Educational Research Association (AERA) Conference, San Diego, CA.
- RT28. Peppler, K., Kafai, Y., Rusk, N., Beals, L., Bers, M., Breslow, G., Chapman, R., Martin, C., Barron, B., Wise, S., Millner, A., Rusk, N., Resnick, M., Cooke, S., Sylvan, E., & Cole, M. (2009). *The Computer Clubhouse Learning Model: Learning Inquiry, Collaboration, and the Development of 21st Century Skills in Informal Learning Spaces*. Symposium at the 2009 American Educational Research Association (AERA) Conference, San Diego, CA.
- RT27. 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.
- RT26. Peppler, K., Catterall, J., & Feilen, K. (2009). *Curtains Up! Revealing the Mechanisms of Transfer Between Drama and Academic English Language Development*. Paper presentation at the 2009 American Educational Research Association (AERA) Conference, San Diego, CA.
- RT25. 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.
- RT24. 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.
- RT23. 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.
- RT22. Peppler, K., Hay, K., & Downton, M. (2008). *The Nirvana Effect: Tapping the Power of Video Games to Leverage Musical Interest*. Presentation at the 2008 Games, Learning, and Society (GLS) Conference, Madison, WI.
- RT21. Peppler, K., Diazgranados, A., Kafai, Y., & Fields, D. (2008). *Creating a Culture of Critical Game Designers in Elementary Classrooms and Clubs*. Presentation at the 2008 Games, Learning, and Society (GLS) Conference, Madison, WI.
- RT20. Peppler, K. (2008). *Media Arts: Arts Education for the 21st Century*. Paper presentation at the 2008 American Educational Research Association (AERA) Conference, New York, NY.
- RT19. Peppler, K. & Solomou, M. (2008). *The Virtual Builder: Scaffolding Creative Production through Game Play*. Presentation at the 2008 Games, Learning, and Society (GLS) Conference, Madison, WI.

- RT18. 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.
- RT17. Peppler, K. & Kafai, Y. (2008a). Creating A Culture of Design: A Closer Look at Role of Mediation and Local Practices in a Community Technology Center. Paper presentation at the 2008 American Educational Research Association (AERA) Conference, New York, NY.
- RT16. Hayes, E., Peppler, K., Kafai, Y., Games, I., Torres, R., Pinkard, N., Hooper, P., Klopfer, E., Scheintaub, H., Eugene, W., Daily, S., Ancholou, U., Barron, B., Forssell, K., Kennedy, C., Rogers, M., Takeuchi, L., Walter, S. & Zimmerman, E. (2008). New Perspectives on Learning Through Design. Symposium at the 2008 American Educational Research Association (AERA) Conference, New York, NY.
- RT15. 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.
- RT14. 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.
- RT13. 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.
- RT12. 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.
- RT11. Peppler, K. & Catterall, J.S. (2007). Unraveling the Impacts of the Arts: Measuring Learning in the Arts for Cognitive Research, Program Evaluation, and Policy Analysis. Paper presentation at the 2007 American Educational Research Association (AERA) Conference, Chicago, IL.
- RT10. 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.
- RT9. 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.
- RT8. 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.
- RT7. 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.
- RT6. 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.
- RT5. 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.
- RT4. 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.
- RT3. 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.
- RT2. 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.
- RT1. 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 (IT)

- IT132. Peppler, K. (April, 2020). *Learning in and from Making*. RPP Research Center, UCI School of Education.
- IT131. Peppler, K. (April, 2010). *New Creativity Paradigms*. Guest Lecture, Indiana University. Curt Bonk, instructor.
- IT130. Peppler, K. (March, 2020). *Learning in and from Making*. Guest Lecture, School of Visual Arts in New York. Sherry Mayo, instructor.
- IT129. Peppler, K. (February, 2020). Connected Learning 2020 Report. Guest Lecture: Issues of Teaching and Learning. June Ahn & Beth Van Es, instructors.
- IT128. Peppler, K., Sedas, M., and Thompson, N. (2020). Hosted SciLearning+ Retreat at UCIrvine for international participants.
- IT127. Peppler, K. (February, 2020). Presentation at the Convergence Accelerator Workshop. San Francisco, CA.
- IT126. Peppler, K. (December, 2019). Presentation at the Convergence Accelerator Workshop. San Francisco, CA.
- IT125. Peppler, K., Keune, A., and Han, A. (2019). Hosting of the NSF AISL Advisory Board. Irvine, CA.
- IT124. Peppler, K., and Simpkins, S. (November, 2019). *Learning In and From Making*. Connected Learning Lab dialogue and workshop.
- IT123. Peppler, K. (November, 2019). *Learning In and From Making*. Make For All Community Call.
- IT122. Peppler, K. (November, 2019). *Designing Authentic STE(A)M Learning*. Invited presentation for the Authentic STEM Learning for Technology and Computing. National Academies, Washington D.C.
- IT121. Peppler, K. (September, 2019). *Learning in and from Making*. Invited Workshop and Keynote presentation. Shizuoka, Japan.
- IT120. Peppler, K. (August, 2019). *Learning in and from Play and Making*. Keynote at the Play+Make+Learn Conference, Madison, WI.
- IT119. Peppler, K. (August, 2019). Presentation at the IMLS/MakerEd Forum on Research & Assessment in Library Makerspaces. Madison, WI.
- IT118. Peppler, K. (May, 2019). *Learning In and From Makerspaces*. Keynote presentation at Think Tank: Makerspaces for Young Learners: Exploring Digital Technology through STEAM Education. Memorial University in St. John's, Newfoundland, Canada.
- IT117. Peppler, K. (May, 2019). *Research Practice Partnerships*. Keynote Speech given at the Futures of Academic Making, UC Berkeley, Berkeley, California.
- IT116. Peppler, K., Keune, A., Wohlwend, K., Rowsell, J. & Goldstone, R. (June, 2019). *Posthumanist Perspectives on Learning*. Pre-conference workshop at the 13th International Conference on Computer Supported Collaborative Learning (CSCL), June 2019 Lyon, France.
- IT115. Peppler, K. (June, 2019). Invited Panelist and Presenter. The Consortium for Schools Networking (CoSN). Portland, OR.
- IT114. Peppler, K. (March, 2019). Participant in Roderic Crooks's Informatics Workshop: Datafication and Community Activism: Redrawing the Boundaries of Research.
- IT113. Peppler, K. (January, 2019). Participant in Chicago Area Workforce Partners Meeting.

- IT112. Peppler, K. (January, 2019). Broadening Participation and Deepening Learning: What the Research Shows. Invited LittleBits Online Webinar.
- IT111. Peppler, K. (December 2018). New Materialisms, Learning, and Participation. Invited Talk, Stanford University. Brigid Barron, instructor.
- IT110. Peppler, K. (November, 2018). Promoting Interest-Driven Learning Through Technology, The Arts, and Making. Plenary at the Learning & the Brain Conference, Harvard/MIT, Boston, MA.
- IT109. Peppler, K. (November, 2018). Invited presentation for Boeing and the National Science Foundation.
- IT108. Peppler, K. & Cantrill, C. (October, 2018). Invited Podcast with Paul Allison on Teachers Teaching Teachers.
- IT107. Peppler, K., Sedas, M., Thompson, N. (October, 2018). Participant in the Science Learning+ Data Review Meeting. Seattle, WA.
- IT106. Peppler, K. (October, 2018). *Young People, Technology, and Music Making Today*. Keynote at CMS / ATMI Technology Conference, Vancouver, Canada.
- IT105. Peppler, K. & Cantrill, C. (September, 2018). Co-Hosted Teacher Training Event, National Geographic. Washington, D.C.
- IT104. Peppler, K. (September, 2018). Kick-off event for the 2018-2019 Boeing AerosPACE Mission Concept Review. Georgia Tech, GA.
- IT103. Peppler, K. (July 2018). Participant in the Spencer Foundation Research-Practice-Partnership Grantees Forum.
- IT102. Peppler, K. (July, 2018). Co-hosted the InfoSys Pathfinders Institute at Indiana University.
- IT101. Peppler, K. (June, 2018). *Designing for Equity in Makerspaces*. Invited Talk at the MaKey International Project Convening. Aarhus, Denmark.
- IT100. Peppler, K. (June, 2018). Participant in the Cartoon Network & MIT Media Lab Think Tank, Cambridge, MA.
- IT99. Peppler, K. (May, 2018). Co-Hosted Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Greensboro, NC.
- IT98. Borner, K. & Peppler, K. (March, 2018). Co-Hosted Two-Day Symposium on Fashion Tech at Indiana University.
- IT97. Peppler, K. (March, 2018). Connected Learning. Invited lecture, University of Michigan, MI.
- IT96. Peppler, K. (March, 2018). Connected Learning in Art Museums. Invited lecture, Eskenazi Art Museum, Bloomington, IN.
- IT95. Peppler, K. (October, 2017). Making, Thinking and Creating. Keynote at Make: Education Forum.
- IT94. Peppler, K. (October, 2017). *Learning, Gender, and Equity*. Keynote at the Learning Sciences Graduate Student Conference, Indiana University, Bloomington, IN.
- IT93. Peppler, K. (July, 2017). *STEAM-Powered Learning: Improving Learning Outcomes and Broadening Participation among English Language Learners*. The National Academies Board on Science Education second meeting of the committee on Supporting English Learners in STEM Subjects. July 26th & 27th.
- IT92. Peppler, K. (July, 2017). Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Boulder, CO.
- IT91. Peppler, K. (July, 2017). Disruptive Potential of the Arts in Making. Keynote Presentation at the 2017 Fablearn Conference. Stanford University, Palo Alto, CA.
- IT90. Peppler, K. (June, 2017). *The MakerEd Open Portfolio Project*. Invited speaker and participant in the Design for Diversity: Explorer's Workshop hosted by the Carnegie Foundation for the Advancement of Teaching.
- IT89. Peppler, K. (March 2, 2017). Research Seminar Series: *Make-to-Learn*. University of Otago College of Education, Division of Humanities, Dunedin, NZ.
- IT88. Peppler, K. (March 23, 2017). Science Communication Seminar Series: *Make to Learn*. University of Otago Centre for Science Communication, Dunedin, NZ.
- IT87. Peppler, K. (2017). *CS4ALL/NSF Research and Practice Engagement: Collaborative Design in RPPs*. Invited talk at DePaul University.

- IT86. Peppler, K. (2017). *CS4ALL/NSF Research and Practice Engagement: Collaborative Design in RPPs*. Invited talk at UCLA.
- IT85. Peppler, K. (2017). Hosted #InfyEdChat on "The importance of arts and design in making and education", Infosys Foundation USA.
- IT84. Peppler, K. (2017). *CS4ALL/NSF Research and Practice Engagement: Collaborative Design in RPPs*. Invited talk at the DePaul University.
- IT83. Peppler, K. (2016). Invited Presentation for the CS4ALL/NSF Research and Practice Engagement.
- IT82. Peppler, K. (2016). Invited Presentation White House Champions for Computer Science Education.
- IT81. 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.
- IT80. Peppler, K. (2016). Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Boulder, CO.
- IT79. Peppler, K. (2016). *E-Textiles: Broadening Participation and Deepening Learning*. Digital Promise Maker Research Seminar.
- IT78. Peppler, K. & Lindsay E. (2016). LRNG Best Buy Workshop at the Yesler Center, Seattle, WA.
- IT77. Peppler, K. (2016). *E-Textiles: Broadening Participation and Deepening Learning*. University of Illinois Chicago, Learning Sciences Research Institute Talk.
- IT76. Peppler, K. (2016). Google Workshop in Pittsburgh.
- IT75. Peppler, K. (2016). *Introducing LRNG*. WE Day Toronto, Canada.
- IT74. Peppler, K. (2016). STEM Central Webinar.
- IT73. 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.
- IT72. Peppler, K. (2016). *E-Textiles: Broadening Participation and Deepening Learning*. Invited Virtual Talk at St. Thomas University.
- IT71. Peppler, K. (January, 2016). *E-Textiles: Broadening Participation and Deepening Learning*. Invited Talk at Northwestern University.
- IT70. Peppler, K. (January, 2016). *Webinar: Connected Learning for Educators with Howard Rheingold*. Invited speaker on Maker Education.
- IT69. Peppler, K. (January 2016). *E-Textiles: Broadening Participation and Deepening Learning*. Invited Talk at Stanford University.
- IT68. Peppler, K. (2015). Summer Workshop Faculty, Design-Based Implementation Research Methods Workshop, Boulder, CO.
- IT67. Peppler, K. (2014). Keynote on *Making and Equity* for the UNCG Makerspace Ribbon Cutting Ceremony.
- IT66. Peppler, K. (2014). *Policy Panel on Making*. Intel Foundation Invited Panelist for US Maker Caucus.
- IT65. Peppler, K. & Santo, R. (2014). *Interconnections: Designing in a digital age*. Invited workshop at the National Writing Project (NWP) Annual Meeting.
- IT64. Peppler, K. & Danish, J. (2014). BioSim Workshop for Fifth Grade Teachers. Wonderlab Museum Teaching Institute, Bloomington, IN.
- IT63. Peppler, K., Dorph, R., Martin, L., & Vossoughi, S. (2014). *Research + Evaluation: Making Educational Outcomes*. Intel's Making Possibilities Workshop, San Francisco, CA.
- IT62. 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.
- IT61. Peppler, K. & Ramani, K. (2014). *New Tools to Foster Creative Collaboration During Design*. Distinguished Lecture at the National Science Foundation, Washington DC.
- IT60. 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.

- IT59. Peppler, K. (2014). *Art & Artifacts in Constructionist Learning*. Plenary at the Constructionism Conference, Vienna, Austria.
- IT58. Peppler, K. (2014). *Extending our reach with technology in arts and arts education*. Americans for the Arts Conference, Nashville TN.
- IT57. Culatta, R., Peppler, K., Crowley, K., & Warschauer, M. (2014). Smithsonian *Digital Directions in Learning Series* on February 26, 2014.
- IT56. 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.
- IT55. Peppler, K. & Gresalfi, M. (2013). *Understanding Systems through eTextile (Puppet) Design*. Invited workshop at the National Writing Project Annual Meeting, Boston, MA.
- IT54. 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.
- IT53. Peppler, K. (2013). *Broadening Participation through E-Textile Creation*. Invited presentation for the Learning Labs convening, Pittsburgh, PA.
- IT52. Peppler, K. (2013). *Make-to-Learn in Libraries*. Invited Keynote for the 2013 American Library Association's Virtual Conference.
- IT51. Peppler, K. (2013). *Make-to-Learn in Afterschool Spaces. Build, Create and Innovate: Strategies for Engaging Youth Through Making*. Afterschool Alliance webinar.
- IT50. 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.
- IT49. 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.
- IT48. 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.
- IT47. 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.
- IT46. 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.
- IT45. Peppler, K. (2013). *Broadening Participation with E-Textiles*. Invited Presentation at the Maker Faire Bay Area on May 18, 2013.
- IT44. 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.
- IT43. Peppler, K. (2013). Learning by Making in a Digital Age. Presentation to IUMakes in March, 2013, Bloomington, IN.
- IT42. Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. November 2013 in Bloomington, IN.
- IT41. Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. October 2013 in Bloomington, IN.
- IT40. Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. September 2013 in Bloomington, IN.
- IT39. Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. May 2013 in Bloomington, IN.
- IT38. Peppler, K. & Bender, S. (2013). E-Textile Cuff Workshop for the Girl Scouts of America. March 2013 in Bloomington, IN.

- IT37. Peppler, K. (2013). Digital Media and Learning Communications Meeting. Held January 31-February 1, 2013 in Chicago, IL.
- IT36. Santo, R. & Peppler, K. (2012) *Grinding New Lenses: Seeking coherence in a digital age*. Invited workshop at the National Writing Project (NWP) Annual Meeting.
- IT35. Peppler, K. & Santo, R. (2012). *Grinding New Lenses Hands-On Workshop*. Invited presentation at the National Writing Project (NWP) Annual Meeting.
- IT34. Peppler K. & Bender, S. (2012). *Hacking and Making with E-textiles*. Invited presentation at the Girls in STEM workshop at Indiana University, Bloomington.
- IT33. 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.
- IT32. 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.
- IT31. 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>
- IT30. Peppler, K. (2012). *Learning and Achieving through the Arts (LATA) Evaluation*. Invited talk at Inner-City Arts, Los Angeles on August 28, 2012.
- IT29. 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.
- IT28. Peppler, K. (2012). Evidence of Interest-Driven Arts Learning in a Digital Age. Invited talk by the University of Illinois, Chicago (UIC). Chicago, IL,
- IT27. 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.
- IT26. 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.
- IT25. Catterall, J. & Peppler, K. (2011). *How Arts Rich Environments Impact Achievement*. Cleveland Metropolitan School District. Televised Public Broadcast, Cleveland, OH.
- IT24. Peppler, K. & Catterall J. (2011). Assessment Workshop for 20 Premier Arts Specialty Schools (PASS) Teachers. Cleveland, OH.
- IT23. 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.
- IT22. Peppler, K. (2011). *E-Textiles for Interest-Driven Arts Learning in the Digital Age*. Invited Talk at the University of Pennsylvania, Philadelphia, PA.
- IT21. 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.
- IT20. Peppler, K. (2011). *Art, Artifact, and Discourse*. Keynote at the keynote talk at the Indiana University Discourse Analysis in Educational Research Conference.
- IT19. Peppler, K. (2011). *New Opportunities for Self-Directed Arts Learning in a Digital Age*. Invited Talk at the Wallace Foundation, New York.
- IT18. Danish, J., Peppler, K. & Johnson, K. (2011). Invited Panel for the EC Moore Symposium, Indiana University, Indianapolis.
- IT17. 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.
- IT16. 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.
- IT15. Peppler, K. (2010a). E-textiles Workshop. Invited Workshop at the National Writing Project *NWP Makes! event*.
- IT14. Peppler, K. (2010b). *E-textiles: Moving Beyond the Screen*. Invited Workshop at the Purdue University SPIRIT Summer Camp for disadvantaged youth.

- IT13. Peppler, K. (2010c). *E-Textiles: Moving Beyond the Screen*. Invited Workshop at the Indiana Women in Computing Conference, Spencer, IN.
- IT12. 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.
- IT11. Peppler, K. (2010e). Invited talk at the Kick-off Colloquium for the *20Under40* book release, Boston, MA.
- IT10. 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.
- IT9. Peppler, K. (2010g). Grinding New Lenses. Invited presentation at the School of Education alumni board meeting presentation.
- IT8. Peppler, K., Babcock, E., Panganiban, R., & Erickson, I. (2010). Creating Connections and Promoting Networks. Panel at the 2010 Webwise Pre-Conference Events, Denver, CO.
- IT7. Peppler, K. (2009). *What exactly are kids learning in Scratch? Observations from the Clubhouse*. Invited Presentation, Irvine, CA.
- IT6. Peppler, K. (2008). *The Computer Clubhouse Model: Creativity and Constructionism in the After-School Hours*. Invited presentation to the Hennepin Library Association, Minneapolis, MN.
- IT5. 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.
- IT4. Kafai, Y.B., Raessens, J., Copier, M., von Mastriht, 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.
- IT3. 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.
- IT2. 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.
- IT1. Peppler, K. (2005). *Growing up Gifted*. Keynote at the 2005 Indiana Department of Education/Indiana Association for the Gifted Conference, Indianapolis, IN.

CREATIVE PRODUCTIONS

- 2019 A suite of playlists in partnership with Fossil Group, using Wise Intervention strategies to help high school and new college students in the transition to college. Some of these playlists are for youth to complete themselves, while others are written for peer mentors to use in helping these youth face-to-face. In addition, there is one playlist designed for employers taking on youth employees, to assist them with some of the unique challenges with this set of workers.
- (for youth) [Connected Work: Finding a Natural Mentor](#)
 - (for youth) Connected Work: Values Affirmation
 - (mentors) [Mentor Training 101](#)
 - (mentors) [Connected Work Mentors: Applying for College](#)
 - (mentors) [Mentor Playlist: Giving Feedback](#)
 - (mentors) Mentor Playlist: Mock Interviews
 - (mentors) Mentor Playlist: Values Affirmation
 - (for employers) Getting the Best from Young Employees
- 2018 - 2019 Three-Playlist Suite in partnership with the San Jose Public Library's Engage Initiative, designed to get area teens interested in service projects for their community. The curriculum includes:

- [SJ Engage 1: Explore the Issues](#)
[SJ Engage 2: Gather & Evaluate Your Sources](#)
[SJ Engage 3: Gear Up for the Big World](#)
- 2018 - 2019 Six-Playlist Suite in partnership with LRNG and the National Geographic Society, designed to share with a wider audience their five-phase geo-inquiry process. The curriculum includes:
- [Geo-Inquiry: Introduction](#)
[Geo-Inquiry Phase 1: ASK](#)
[Geo-Inquiry Phase 2: COLLECT](#)
[Geo-Inquiry Phase 3: VISUALIZE](#)
[Geo-Inquiry Phase 4: CREATE](#)
[Geo-Inquiry Phase 5: ACT](#)
- 2018 [\(Re\)Think Civics – Powered by AT&T](#): Competition offered to LRNG member organizations wishing to create playlists on the theme of civic engagement.
- 2016 Indoor Positioning Technology (Patent Pending)
- 2015 Make, Innovate, Learn Lab (MILL) Makerspace in the IU School of Education
- 2015 - 2020 LRNG platform (www.lrng.org)
- 2015 Ziro.io goes to market based on earlier Handimate prototype (www.ziro.io)
- 2015 Water Bears 3D Puzzle Game (www.waterbearsgame.com)
- 2015 Handimate, cardboard computing toolkit
- 2014 – *present* Creativity Labs Website (www.creativitylabs.com)
- 2014 - 2019 Re-Crafting Education Blog (<http://re-craft-edu.blogspot.com/>)
- 2010 - 2019 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 - *present* 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-Arduino-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 - 2015 Computational Textiles as Materials for Creativity (Blog site:
<http://computationaltextiles.blogspot.com/>)
- 2008 Media Village: Media literacy world within Quest Atlantis
(<http://atlantis.crlt.indiana.edu>)
- 2004 – 2008 Scratch: A New Visual Programming Language for All (www.scratch.mit.edu)

MEDIA COVERAGE

- 2020 UCI School of Education, “How I Chose My Field” (March 12, 2020). Available at:
<https://www.youtube.com/watch?v=vFvGC34ttes&feature=em-comments>
- 2019 No Such Thing HRL episode recording

- 2019 UCI School of Information & Computer Science, “Developing an AR Platform to Better Train American Workers” (September 27, 2019). Available at: https://www.ics.uci.edu/community/news/view_news?id=1621
- 2019 UCI School of Information & Computer Science, “Active Learning Transforms Ubicomp Course” (May 8, 2019). Available at: <https://www.informatics.uci.edu/active-learning-transforms-ubiquitous-computing-course/>
- 2018 JotForm, “How to collect and use student data in art class” (December 19, 2018). Available at: <https://www.jotform.com/blog/data-collection-art-class/>
- 2018 No Such Thing: K12 Education in the Digital Age, “Connie Yowell & Kylie Pepler Talk LRNG” (December 13, 2018). Available at: <https://shows.acast.com/nosuchthing/episodes/connie-yowell-kylie-pepler-talk-lrng>
- 2018 Purdue University Newsroom, “Tech to prepare manufacturers, workers for the ‘factory of the future’” (November 10, 2018). Available at: <https://www.purdue.edu/newsroom/releases/2018/Q4/tech-to-prepare-manufacturers-workers-for-the-factory-of-the-future.html>
- 2018 National Science Foundation, “NSF announces awards to shape the human-technology partnership for the well-being of workers and their productivity” (November 5, 2018). Available at: https://www.nsf.gov/news/news_summ.jsp?cntn_id=297116
- 2018 Cyberinfrastructure for Network Science Center (CNS), “2018 Fashion Technology Symposium” (April 20, 2018). Available at: https://www.youtube.com/watch?v=-WPbqJgUU4c&feature=emb_title
- 2018 Indiana Daily Student, “IU researchers develop wearable technology to help kids learn” (July 23, 2018). Available at: <https://www.idsnews.com/article/2018/07/iu-researchers-develop-wearable-technology-to-help-kids-learn>
- 2018 IU Newsroom, “Elementary students learn complex science concepts using IU wearable technology” (June 29, 2018). Available at: <https://news.iu.edu/stories/2018/06/iub/releases/29-elementary-students-learn-complex-science-concepts-using-wearable-technology.html>
- 2017 Cited in MultiBriefs, a leading publisher and comprehensive news briefing of the week’s top industry stories to association members and trade professionals. “Finding the proper place for the arts in education: Media arts”. Available at: <http://exclusive.multibriefs.com/content/finding-the-proper-place-for-the-arts-in-education-media-arts/education>
- 2017 Quoted in The Ledger, “Gadget Daddy: Koov teaches kids programming with robotic blocks” (June 22, 2017). Available at: <http://www.theledger.com/news/20170626/gadget-daddy-koov-teaches-kids-programming-with-robotic-blocks&ct=ga&cd=CAEYACoTNDcxMzA3MDk2MTI0ODI0NTUwNDIaZjhmMzAzY2NiZTdhY2M4MDpbj206ZW46VVM&usq=AFQjCNHsf9JHAURLX8gayZByp-mhDgY1Tw>
- 2017 Quoted in Wired, “Get your kids coding with Sony’s clever building blocks” (June 21, 2017). Available at: <https://www.wired.com/story/get-your-kids-coding-with-sonys-clever-building-blocks/>.
- 2017 MultiBriefs, “Finding the proper place for the arts in education: Media arts” (August 21, 2017). Available at: <http://exclusive.multibriefs.com/content/finding-the-proper-place-for-the-arts-in-education-media-arts/education>
- 2017 Indiana University coverage: “NSF honors three IU faculty with highly competitive early-career grants. Researchers will use funding to better understand disease treatment, access to computer science programs and river pollution dynamics”. Available at: <https://news.iu.edu/stories/2017/07/iu/releases/20-nsf-career-awards.html>

- 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/>
- 2017 The Tech Advocate, “Why Makerspaces Are the Key to Innovation” (January 19, 2017). Available at:
<https://www.thetechadvocate.org/why-makerspaces-are-the-key-to-innovation/>
- 2016 Purdue University Newsroom, “Ziro robotics kit is 'success story' for Purdue, National Science Foundation” (April 18, 2016). Available at:
<https://www.purdue.edu/newsroom/releases/2016/Q2/ziro-robotics-kit-is-success-story-for-purdue.-national-science-foundation.html>
- 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 WTU 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 Pepler’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-science-for-all-initiative>
- 2016 IU Alumni IU Alumni Association magazine - @Winter 2016 -
<https://www.myiui.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/pepler-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>)
- 2015 Phys.org, "System encourages creativity, makes robot-design fun" (January 19, 2015). Available at:
<https://phys.org/news/2015-01-creativity-robot-design-fun.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/>)
- 2014 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>
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- 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.pgnewscenter.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=ghwt4tu55gai.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?xmld=6272](http://education.indiana.edu/Feature_Topic_Detail/tabid/11553/Default.aspx?xmld=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: Peppler 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: Peppler 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-peppler-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 Newsroom, "\$1.8 million grant to expand IU School of Education immersive learning project" (February 26, 2008): Available at:
<https://newsinfo.iu.edu/news/page/normal/7608.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

University, School and Department

- 2019 – 2022 Member of the UC Irvine Academic Integrity Review Board ([AIRB](#))
- 2019 - 2021 Chair, Informatics Graduate Admissions Committee
- 2019 - 2021 TLEI Representative on the Undergraduate Steering Committee Member, School of Education
- 2019 Representation of the Connected Learning Lab (CLL) and Creativity Labs in the CallT2 Town Hall Events and Lab Tours
- 2019 Informatics, Computers Science and Statistics (ICS) Industry Showcase
- 2019 - 2020 Letter writer for June Ahn's merit case, School of Education
- 2019 - 2020 Letter writer for Roderic Crooks's merit case, Department of Informatics
- 2019 - 2020 Letter writer for Katie Salen-Tekinbas's merit case, Department of Informatics
- 2019 Participant in the UCI Active Learning Institute (ALI)
- 2019 Created a committee of UCI grad students to research gaming at the Bowers Museum's Kidseum.
- 2019 Advisor for UCI Bookeaters, a registered campus organization and a place for book lovers to gather on campus, attend weekly reading sessions to discuss favorite books, exchange opinions, and recommend new books.
- 2019 Participant in the NCRPP Summer Retreat in Semiahmoo, WA
- 2018 - 2019 Course observation for Assistant Professor Bonnie Ruberg, Department of Informatics
- 2018 - 2019 Committee Member, Informatics Graduate Admissions Committee
- 2018 - 2019 Letter writer for Constance Steinkuehler merit case, Department of Informatics
- 2018 - current Co-Chair, Connected Learning Masters Committee, joint effort of the Department of Informatics and the School of Education
- 2018 - current Connected Learning Steering Committee Member
- 2018 - current Mentor to Assistant Professor, Roderic Crooks, Department of Informatics

2018 Member, Counseling and Educational Psychology Departmental Annual Review Committee

2017 – 2018 Organizer, Fashion Tech Symposium

2017 –2018 Member, SoAA+D Campus Advisory Board

2017 – 2020 Member, The School of Education Learning and Teaching with Technology Committee

2017 – 2018 Member, Outstanding Junior Faculty Award Selection Committee

2016 Member, Search committee for the new Dean of the School of Arts and Design (SOAD)

2015 – 2018 Member, Arts & Humanities Council

2014 – 2016 Chair, The School of Education Make-Innovate-Learn Lab (MILL) space design committee

2012 – 2018 Faculty Leader, Indiana University Center for Excellence for Women In Technology (CEWIT), <http://cewit.indiana.edu/faculty/leadership/index.shtml>

2008 – 2018 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

State & Local

2019 – current Partnership with ListoAmerica Clubhouse, Tustin, CA

2019 – current Partnership with Inner-City Arts, Los Angeles, CA

2019 – current Partnership exploration with Two-Bit Circus, Los Angeles, CA

2019 – current Partnership exploration with PBS, Santa Ana, CA
 2018 Organizational Committee Member, Midwest Cognitive Science Symposium.
 2017- 2019 Advisory Board Member, NSF Debugging Failure Project with Dor Abrahamson, UC Berkeley & Noel Enyedy (PIs)
 2017 Supported Nextech, Governor Holcomb and InfoSys Hour of Code Event
 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 - 2018 Partnership with the Girl Scouts of America: provide ongoing e-textile workshops for badges
 2013 - 2018 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 - 2018 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 - 2019 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

National & International

2020 Track Co-Chair/Reviewer, Connected Learning Summit Review Committee
 2020 Member, FabLearn Review Committee
 2020 Reviewer, National Science Foundation
 2020 - current Editorial Board for the International Journal of Computer-Supported Collaborative Learning (ijCSCL)
 2020 - current Advisory Board Member, New York Hall of Science (NYSCI)'s NSF project on "Developing Abilities and Knowledge for Careers in Design and Engineering for Students on the Autism Spectrum by Scaling Up Making Experiences"
 2019 - current Education Advisory Council, XIO Research
 2019 - 2020 Editor, Special Section of the British Journal of Education Technology (BJET) on Advancing Post-Humanist Perspectives on Technology-Rich Learning
 2019 – current External Expert Advisory Board for the SySTEM 2020, which looks at science learning initiatives outside the classroom and their role in educating and forming Europe's next generation of researchers and innovators
 2019 – current Review Committee for Major Grants, Spencer Foundation
 2019 Back of the Yards Mentor Training, Chicago, IL
 2019 Participant Mentor, PFP Academic Spring Retreat (Lake Arrowhead, CA): Critical Evaluation By Faculty
 2019 Promotion letter writer for Dr. Kira Baker-Doyle's case, Arcadia University.
 2019 Track Co-Chair/Reviewer, Connected Learning Summit Review Committee
 2018 – current Associate Editor of the Computer Science Education (CSE) journal
 2018 – 2019 Committee member for CSCL 2019

2018 Reviewer, National Science Foundation

2018 Ad-Hoc Reviewer, Spencer Foundation

2017 Co-Chair, CSCL Doctoral Consortium Workshop

2017 – current Executive Editorial Board, *Journal of Computer Science Integration (JCSI)*

2017 Reviewer, California Council on Science & Technology (CCST) Report on The Maker Movement and K-12 Education

2017 Selection Committee, Inaugural Seymour Papert Lecture, InfoSys Foundation

2017 – current Advisory Board, LEAP Innovations

2017 Reviewer, IDC Program Committee

2017 Reviewer, MIT Press

2017 Reviewer, National Science Foundation

2016 – 2020 Advisory Board, Makerspaces in the Early Years: Enhancing Digital Literacy and Creativity (MakeEY). 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 – 2018 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 Mellon University Course on Design with Marti Louw

2015 – 2019 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 Mellon University Course on Design with Marti Louw

2014 – 2018 Advisor, Connected Learning Research Network (CLRN) of the MacArthur Foundation (<http://clrn.dmlhub.net/>)

2013 – current National ArtsEdSearch Review Panel Member

2009 – current 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>

Service Projects Conducted by Peppler's Graduate Students (since 2015)

2020 Mentor, ListoAmerica Clubhouse, Tustin, CA
 Reviewer, Connected Learning Summit

2019 March: Weaving workshop for students of color in STEM
 March 16: Conner Prairie Passport to Hi Tech

2018 March: Best Buy + LRNG e-Textiles, St. Jude's Children's Hospital, Memphis, TN
 September: STEM Teacher Professional Development, IU Columbus

2017 March: Crafty Fiber Arts Sessions, Monroe County Public Library
 June: LRNG e-Textiles Workshop, Nora Elementary School, Indianapolis, IN
 August: Best Buy + LRNG e-Textiles Workshop, Bellevue, Bellevue, WA
 October: Workshop for CEWiT Code with Your Kid Day, IUB

2016 March 4: Mini Maker Faire at IST Conference
 March 5: Conner 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)
 October: Best Buy + LRNG e-Textiles Workshop, Portland, OR

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