Kylie Peppler

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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

2021 – present **University of California, Irvine**, *Professor*
Joint Appointment in the Department of Informatics & School of Education

PRIOR APPOINTMENTS

2018 – 2021 **University of California, Irvine**, *Associate Professor*
Joint Appointment in the Department of Informatics & School of Education

2015 – 2018 **Indiana University**, *Associate Professor*
Learning Sciences, School of Education

2016 – 2017 **Stanford University**, *Visiting Scholar*
School of Education

2008 – 2015 **Indiana University**, *Assistant Professor*
Learning Sciences, School of Education

2007 **University of California, Irvine**, *Postdoctoral Research Associate*
"Uncovering Literacies, Disrupting Stereotypes: Media Arts Practices of Youth with (Dis)Abilities" with Mark Warschauer.

2007 **University of California, Los Angeles**, *Postdoctoral Research Associate*
"Investigating Media Arts as a Platform for Technology Fluency" with Yasmin B. Kafai.

2007 **University of California, Los Angeles**, *Graduate Research Assistant*
"Arts in the Middle (AIM): Arts in Education Model Development and Dissemination (AEMDD)" Principal Investigator: James Catterall.

2004 – 2007 **University of California, Los Angeles**, *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).

2005 – 2007 **University of California, Los Angeles**, *Graduate Research Assistant*
"Investigating Science-Based Immersive Online Environments". Principal Investigator: Yasmin B. Kafai.

2005 – 2006 **University of California, Los Angeles**, *Graduate Research Assistant*
"Evaluating Learning in the Arts during LA's BEST After-School Arts Program (ASAP)." Principal Investigator: James Catterall.

2004 – 2005 **University of California, Los Angeles**, *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.

2003 – 2005 **University of California, Los Angeles**, *Graduate Research Assistant*
"Project HOOP, Honoring Our Origins and People Through Native Theater, Education, and Community Development." Principal Investigators: James Catterall and Hanay Geiogamah.

2002 – 2003 **University of California, Los Angeles**, *Graduate Research Assistant*
"Visual Arts Education and The Worldviews of Inner-City Children." Principal Investigator: James Catterall.

FUNDED AND PENDING RESEARCH GRANTS (G)

(Total awarded funding: $34,095,906 in a PI or Co-PI capacity)

Pending Grants

Orta Martinez, M., McCann, J. & Peppler, K. ($1,500,000; March 2024-February 2027). Collaborative Research: ITEST: Developing and Testing Innovations: Gestured Concretization of Algebraic Concepts through an Interactive Haptic Interface. National Science Foundation ITEST.

Lewis-Ellison, T. & Peppler, K. ($500,000; January 2024-December 2025). Investigating Black and Latiné/x Families' Digital and AI Literacy Practices. Spencer Foundation.

Corrigan, S., Peppler, K. & Dahn, M. ($2,000,000; July 2023 - June 2026). Making Connections: Advancing Connected Learning Strategies to Support STEM Learning Transitions. The National Science Foundation AISL.

Li, G.P., Dutt, N., Kia, S., Peppler, K., Papadopoulos, P.M. ($2,999,940; Oct 2023 - Sept 2026). Affordable, Scalable, Actionable, Programmable Cyber Manufacturing Portal (ASAP CMP): A Gateway to Innovate Sustainable Future and Empower Small and Medium Manufacturers. The National Science Foundation FMRG, Cyber.

Zhang, Y., Peng, C., Peppler, K. ($1,500,000; September 2023 - August 2026). FW-HTF-RL/ Collaborative Research: Understanding, Extraction, and Transfer of Tacit Knowledge in Machining: Leveraging Extended Reality (XR) and Artificial Intelligence (AI). The National Science Foundation Future of Work.

Hernandez, N., Peppler, K., & Corrigan, S. ($4,000,000; August 2024-June 2028). Let's Engage: Promoting SEL and ELA in PreK-2 Classrooms. US Department of Education.

Current Grants (G)

G67. Peppler, K. & Han, A. ($20,000, June 2023). Visionary Interdisciplinary Teams Advancing Learning (VITAL) Prize: Semi-final Round for AIStory. National Science Foundation / Digital Promise.

G66. Peppler, K., Sefton-Green, J., Mejias, S. & Di Giacomo, D. ($220,000, May, 2023- June 30, 2024). Supplement to Tracing the Enduring Effects of Community Arts Programs (TEECAP). The Wallace Foundation.

G65. Peppler, K. ($100,000, July 2023-June 2024). Universal Designs for Learning in Math: Equatio. Digital Promise Global.

G64. Peppler, K. & Ito, M. ($600,000, July 1, 2023 - 2026). Making Connections Across Settings to Support STEM Learning Transitions for Middle School Girls. STEM Next Opportunity Fund / Samueli Foundation.

G63. Peppler, K. ($2,758; June - August, 2023). Pilot Design Activities to Support Connected Learning in Out-of-School Time. Informatics Department CORCL funds.

G62. Peppler, K. ($3,386; June - August, 2023). Supporting the Automation of Identifying Outcomes of Arts Learning through Attribution Coding. School of Education CORCL funds.

G61. Peppler, K. & Ito, M. ($400,000; August 2023-July 2025). Phase 2 Supplement: Making Connections Across Settings to Support STEM Learning Transitions for Middle School Girls. STEM Next Opportunity Fund / The Gordon and Betty Moore Foundation.

G60. Zhang, Y., Peng, C., Peppler, K. ($150,000; September 2022 - August 2023). Exploring Tacit Knowledge with Artificial Intelligence and Virtual/Augmented Reality for Future Machinists Preparation (#2222853). The National Science Foundation.

G59. Peppler, K. ($250,000, August 2023 - August 2024). Supplement: ReCrafting Computer Science: Concretizing Computational Thinking via Tangible Fiber Crafts (RCS): Request for Supplemental Funding for Postdoctoral Researchers to Mitigate COVID-19 impacts on Research Career Progression (Supplement to ECR-EHR-2100401). The National Science Foundation.

G58. Peppler, K., Sefton-Green, J., Mejias, S. & Di Giacomo, D. ($1,635,250, September 1, 2021- August 31, 2024). Tracing the Enduring Effects of Community Arts Programs (TEECAP). The Wallace Foundation.

G57. Peppler, K. & Ito, M. ($249,080; January 2021-July 2023). Phase 1: Making Connections Across Settings to Support STEM Learning Transitions for Middle School Girls. STEM Next Opportunity Fund / The Gordon and Betty Moore Foundation.

G56. Peppler, K. ($6,725, July 2022 - July 2023). Connected Learning Libraries. Collaboration with Santa Ana Library and Dr. Andres Bustamante.

G55. Peppler, K., Rose, C. & M. Orta Martinez ($1,500,000; September 2021-September 2024). Re-Crafting Computer Science: Concretizing Computational Thinking Through Tangible Fiber Crafts (ECR-EHR-2100401). The National Science Foundation.

G54. Peppler, K. ($125,000; August 2020 – March 2023). Connected Arts Learning: Connecting Interests, Opportunities, and Relationships in Out-of-School Arts. The Wallace Foundation.

G53. Peppler, K. ($138,000; October 2019 – June 2023). Teaching and Learning through the Arts. Chicago Arts Partnerships in Education and 21st Century Community Learning Centers.

G52. Börner, K, Peppler, K, Kennedy, B, et al. ($1,355,236; August 2016 – July 2023). Data Visualization Literacy: Research and Tools that Advance Public Understanding of Scientific Data (DRL #1713567). The National Science Foundation.

G51. Bevan, B., Scarff, L., Bell, P., Peppler, K., Sefton-Green, J., and Soep, L. ($2,500,000; January 2017 – March 2023, 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)

G50. Peppler, K. ($30,000; April 2022-September 2022). Year 2: Encouraging Wonderment through Summer STEAM programming. Collaboration with Design, Make, Learn (an arts non-profit) and Long Beach Unified School District.

G49. Peppler, K. ($75,000; July 2021 – June 2022). Classroom Orchestration Phase 2. Digital Promise Global.

G48. Peppler, K. ($148,494; July 2020 – June 2021). Classroom Orchestration. Digital Promise Global.

G47. Peppler, K. ($30,000; June 2021-September 2021). Year 1: Encouraging Wonderment via Summer STEAM. Collaboration with Design, Make, Learn (an arts non-profit) and Long Beach Unified School District.

G46. Peppler, K., Acemonglu, D., Ramani, K., Redick, T., Nof, S., & Quinn, A. ($2,500,000; August 2018-September 2022). Collaborative Research: 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 (DUE-1931227). The National Science Foundation.

G45. Peppler, K. ($499,964; August 2016 – July 2022). 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.

G44. Bennett, D., McMillan, K., & Monahan, K., ($2,200,000; September 2017 – August 2021). Understanding How Narrative Elements Can Shape Girls' Engagement in Museum-Based Engineering Design Tasks (DRL #1712803). The National Science Foundation.

G43. Ramani, K., Elmqvist, N. E., Peppler, K., Quinn, A. J., Redick, T. S. ($5,000,000; September 2020 – May 2021). B1 (Future Jobs and AI): Skill-XR: An Affordable and Scalable XReality (XR) Platform for Skills Training and Analytics in Manufacturing Workforce Education (CA-FW-HTF-2033615). The National Science Foundation.

G42. Peppler, K. ($75,000; July 2020 – August 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.

G41. Peppler, K. ($4,000, June 2020 - December 2020). Pilot data collection for Data Visualization Literacy: Research and Tools that Advance Public Understanding of Scientific Data. UC-Irvine, Academic Senate Council on Research, Computing, and Libraries (CORCL) and Department of Informatics.

G40. Ramani, K., Peppler, K., Redick, T., Zhang, S., & Ebert, D. ($1,000,000; 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.

G39. 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.

G38. Peppler, K. ($75,000; January 1 - June 30, 2019). Designing for Connected Learning on the LRNG platform. Southern New Hampshire University.

G37. Peppler, K. & Gresalfi, M. ($1,500,000 total award, September 2014-August 2019). COLLABORATIVE: Re-Crafting Mathematics Education: Designing Tangible Manipulatives Rooted in Traditional Female Crafts (DRL #1420303). The National Science Foundation.

G36. 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.

G34. 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; 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; 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)(IIS #1227639) 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; 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; 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; 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; 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

2023 One of 54 teams selected to advance in the NSF-sponsored VITAL Prize Challenge Semi-Final Round

2023 One of 100 teams selected to advance in the NSF-sponsored VITAL Prize Challenge Discovery Round

2023 The ACM CHI Conference on Human Factors in Computing Systems 2023's "Honorable Mention Award" for being among the top 5% of papers for the paper "LearnIoTVR: An End-to-end Virtual Reality Environment Providing Authentic Learning Experiences for Internet of Things"

2022 NSF STEM for ALL Video Showcase award for Using Narratives to Support Empathy and Engineering, Presenters' Choice and Facilitator's Choice, May 10-17, Access, inclusion and Equity.

2021 ASEE Pre-College Engineering Education (PCEE) Division's Best Paper Award for "Observing empathy in informal engineering activities with girls ages 7-14" (RTP, Diversity). https://sites.asee.org/precollege/publications/

2019 One of 20 nominated for 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, Facilitator's Choice, 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.

BOOKS, PAPERS AND PRESENTATIONS

(Note: underlined names = Peppler mentees)

Scholarship metrics as of 7/30/23:

- Google Scholar metrics: citations 7,108; h-index 41; i10-index 89
- 152 refereed publications, including: books (10), journals (57), and conference proceedings (85)
- 30 book chapters, 10 other contributions; 2 national policy reports; 22 technical reports; 141 refereed talks; and 157 invited talks and workshops.

Refereed books (B)

B10. Peppler, K. (Ed.). (2017). *Encyclopedia of out-of-school learning* (Vol. 1-2). Sage Publications. http://dx.doi.org/10.4135/9781483385198

B9. Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). *Makeology: Makerspaces as learning environments (volume 1)*. Routledge. https://doi.org/10.4324/9781315726519

B8. Peppler, K., Halverson, E. & Kafai, Y. (Eds.) (2016). *Makeology: Makers as learners (volume 2)*. Routledge. https://doi.org/10.4324/9781315726496

B7. Peppler, K. (2014). *New creativity paradigms: Arts learning in the digital age*. Peter Lang Inc.; International Academic Publishers. https://doi.org/10.3726/978-1-4539-1236-2

B6. Peppler, K., Santo, R., Salen, K., & Gresalfi, M. (2014). *Script changers: Digital storytelling with Scratch*. MIT Press. https://doi.org/10.7551/mitpress/9695.001.0001

B5. Peppler, K., Salen, K., Gresalfi, M. & Santo, R. (2014). *Short circuits: Crafting e-puppets with DIY electronics*. MIT Press. https://doi.org/10.7551/mitpress/9696.001.0001

B4. Peppler, K., Gresalfi, M., Salen, K., & Santo, R. (2014). *Soft circuits: Crafting e-fashion with DIY electronics*. MIT Press. https://doi.org/10.7551/mitpress/10220.001.0001

B3. Salen, K., Gresalfi, M., Peppler, K., & Santo, R. (2014). *Gaming the system: Designing with gamestar mechanic*. MIT Press. https://doi.org/10.7551/mitpress/9694.001.0001

B2. Buechley, L., Peppler, K., Eisenberg, M., & Kafai, Y. (Eds.) (2013). *Textile messages: Dispatches from the world for e-textiles and education*. Peter Lang Publishing. https://eric.ed.gov/?id=ED563029

B1. Kafai, Y.B., Peppler, K., & Chapman, R. (Eds.) (2009). *The computer clubhouse: Constructionism and creativity in youth communities*. Teachers College Press. https://www.researchgate.net/publication/312940207_The_Computer_Clubhouse_Constructionism_and_Creativity_in_Youth_Communities_Technology_Education--Connections

Refereed journal articles (J)

J52. Peppler, K., Bender, S., Phonethibsavads, T., & Yankova, N. (2023). Lights up! Assessing standards-based performance skills in drama education. *Studies in Educational Evaluation.* https://doi.org/10.1016/j.stueduc.2023.101259

J51. Dahn, M., Peppler, K., & Ito, M. (2023). "We hear everyday, 'This isn't me.'" Translating interests toward STEM through entrepreneurial making. *Frontiers*, *7*(2), 1-6. https://doi.org/10.3389/feduc.2022.1033742

J50. Peppler, K.A., Sedas, R.M. & Thompson, N. (2023). Paper Circuits vs. Breadboards: Materializing Learners' Powerful Ideas Around Circuitry and Layout Design. J Sci Educ Technol 32, 469–492 (2023). https://doi.org/10.1007/s10956-023-10029-0

J49. Peppler, K., Keune, A., Thompson, N. & Saxena, P. (2022). Craftland is Mathland: Mathematical insight and the generative role of fiber crafts in Maker Education. *Frontiers in Education.* https://doi.org/10.3389/feduc.2022.1029175

J48. Keune, A., Peppler, K. and Dahn, M. (2022), Connected portfolios: open assessment practices for maker communities, *Information and Learning Sciences*, Vol. 123 No. 7/8, pp. 462-481. https://doi.org/10.1108/ILS-03-2022-0029

J47. Keune, A., Yankova, N., & Peppler, K. (2022). #quiltsforpulse: Connected and shared production-centered socio-political activism through craftivism. *Learning, Media and Technology, 47*(2), 251-267. https://doi.org/10.1080/17439884.2021.1961147. (Published online: 29 Jul 2021)

J46. Peppler, K., Dahn, M., & Ito, M. (2022). Connected Arts Learning: Cultivating equity through connected and creative educational experiences. *Review of Research in Education, 46*(1), 264-287. https://doi.org/10.3102/0091732X221084322

J45. Peppler, K., Keune, A., Dahn, M., Bennet, D., Letourneau, S. M. (2022). Designing for others: the roles of narrative and empathy in supporting girls' engineering engagement. *Information and Learning Sciences, 123*(3), 129-153. https://doi.org/10.1108/ILS-07-2021-0061 (online 2021)

J44. Letourneau, S. M., Bennett, D. T., Liu, C., Argudo, Y., Peppler, K., Keune, A., Dahn, M., & McMillan Culp, K. (2021). Observing Empathy in Informal Engineering Activities with Girls Ages 7–14. *Journal of Pre-College Engineering Education Research (J-PEER)*, *11*(2), 120-128. https://doi.org/10.7771/2157-9288.1354

J43. Villanueva, A., Liu, Z., Kitaguchi, Y., Zhu, Z., Peppler, K., Redick, T., & Ramani, K. (2021). Towards modeling of human skilling for electrical circuitry using augmented reality applications. *International Journal of Educational Technology in Higher Education* 18, 39. https://doi.org/10.1186/s41239-021-00268-9

J42. Sikkema, S., Lee, J., Spilberg, J., Dahn, M., Yankova, N., & Peppler, K. (2021). How the arts can unlock a closed curriculum. *Phi Delta Kappan*, 102(8), 20-25. https://doi.org/10.1177/00317217211013932

J41. Peppler, K., Davis-Soylu, H.J., & Dahn, M. (2021). Artifact-oriented learning: a theoretical review of the impact of the arts on learning. *Arts Education Policy Review.* DOI: 10.1080/10632913.2021.1925609

J40. Dahn, M., Yankova, N., Peppler, K., Sikkema, S., Spilberg, J., & Lee, J. (2021). "Way more relevant and a little less theoretical": How teaching artists designed for online learning in a pandemic. *Learning, Media, and Technology, 47(4), 456-470. https://doi.org/10.1080/17439884.2021.2012801*

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CP83. Blikstein, P., Davis, R., Rosenbaum, L., Zheng, Y., Halverson, E., Martin, L., Peppler, K., Thomas Murphy, C., Vossoughi, S., Worsley, M., Yankova, N., Hooper, P. (2023). The future of maker education. International Collaboration toward Educational Innovation for All: International Society of the Learning Sciences (ISLS) Annual Meeting 2023. Montreal, Canada: International Society of the Learning Sciences.

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O8. Peppler, K., Rowsell, J., Keune, A. (2020). Editorial: Advancing posthumanist perspectives on technology-rich learning. In J. Kay & R. Luckin (Eds.), *British Journal of Educational Technologies*, *51*(4), 4, 1240-1245. https://doi.dx.org/10.1111/bjet.12979

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O4. Peppler, K. (2015). Tool selection and its impact on collaborative learning. *Constructivist Foundations, 10*(3), 398–399. http://constructivist.info/10/3/398

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O2. Peppler, K. (2013, September). STEAM-powered computing education: Using e-textiles to integrate the arts and STEM. *IEEE Computer, 46,* 38-43. https://doi.ieeecomputersociety.org/10.1109/MC.2013.257

O1. Peppler, K. (2012). Scratch: digital art making. *Child Art Magazine, 12(1),* 30. http://www.kpeppler.com/Docs/2012_Peppler_Scratch_DigitalArtMaking.pdf

National Policy Reports (NPR)

NPR2. U.S. Department of Education, Office of Educational Technology (2017, January). *Reimagining the role of technology in education: 2017 National education technology plan update*. https://tech.ed.gov/netp/.

NPR1. U.S. Department of Education, Office of Educational Technology (2016, January). *Future ready learning: Reimagining the role of technology in education*. https://tech.ed.gov/files/2015/12/NETP16.pdf

Technical Reports (TR)

TR22. Peppler, K., Dahn, M., & Ito, M. (2023). The Connected Arts Learning Framework: An Expanded View of the Purposes and Possibilities for Arts Learning. (Deliverable to the Wallace Foundation). Irvine, California: University of California, Irvine.

TR21. Peppler, K., Schindler, E. & Huang, J. (2022). AI in Classrooms: Impacts of Merlyn Mind on Teacher Technostress and Time Savings [Unpublished report]. Irvine, California, University of California, Irvine.

TR20. Peppler, K. & Schindler, E. (2021). Encouraging Wonderment via Summer STEAM. [Unpublished report]. Informatics & Education, University of California, Irvine.

TR19. Peppler, K. & Schindler, E. (2021). Classroom Orchestration: Leveraging Research Practice Industry Partnerships (RPIPs) to Refine a New AI Assistant for Teachers [Unpublished report]. Irvine, California, University of California, Irvine.

TR18. Peppler, K., Dahn, M., Ito, M., Sedas, M. & Cawelti, L. (2021). *The Connected Arts Learning Framework: Addressing legitimacy, equity, and community through the arts in the 21st century.* Final deliverable to The Wallace Foundation. Irvine, California, University of California, Irvine.

TR17. Ito, M., Arum, R., Conley, D., Guttiérez, K., Kirshner, B., Livingstone, S., Michalchik, V., Penuel, W., Peppler, K., Pinkard, N., Rhodes, J., Tekinbaş, K., Schor, J., Sefton-Green, J., Watkins, S. C. (2020). *The connected learning research network: Reflections on a decade of engaged scholarship*. With contributions from Blum-Ross, A., Carfagna, L., Martin, C., Sedas, R. M., Soti, N. Connected Learning Alliance. https://clalliance.org/wp-content/uploads/2020/02/CLRN_Report.pdf

TR16. Peppler, K., Keune, A., & Dahn, M. (2020). *Designing for narrative and cultivating empathy in museum-based settings: supporting girls' engagement in engineering practices*. New York Hall of Science as part of the National Science Foundation. https://doi.dx.org/10.13140/RG.2.2.12358.91205

TR15. Peppler, K., Keune, A., & Han, A. (2019). *AISL II CNS phase one learning sciences research report*. Project deliverable for National Science Foundation project #1713567. https://doi.dx.org/10.13140/RG.2.2.21586.38085

TR14. Peppler, K., Keune, A., & Chang, S. (2018). *Open portfolios research brief series 2*. Maker Education Initiative. https://makered.org/wp-content/uploads/2018/02/MakerEdOPP_2018-Research-Briefs_LRfull.pdf

TR13. Hive Research Lab. (2018). *Brokering youth pathways: A toolkit for connecting youth to future opportunity*. Hive Research Lab. https://brokering.hiveresearchlab.org/

TR12. Ching, D., Santo, R., Hoadley, C., Peppler, K. (2016). *Final report to the Hive Digital Media & Learning Fund at the New York Community Trust*.

TR11. 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*. Hive Research Lab. https://hiveresearchlab.files.wordpress.com/2015/05/hive-research-lab-2015-community-white-paper-brokering-future-learning-opportunities2.pdf

TR10. Open Portfolios Maker Education Initiative (2015). *Research brief series.* Maker Education Initiative.

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TR9. 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*. U.S. Department of Education. http://www.kpeppler.com/Docs/2015_Peppler_Iata_report.pdf

TR8. Peppler, K. (2013). *New opportunities for interest-driven arts learning in a digital age.* Wallace Foundation. http://www.kpeppler.com/Docs/2013_Peppler_New-Opportunities-for-Interest-Driven-Art.pdf

TR7. Peppler, K. (2009). *Evaluation of the Inner-City Arts Teachers' Institute*. Heller Foundation. Los Angeles: University of California.

TR6. 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.

TR5. 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*. The U.S. Department of Education. Bloomington, IN: Indiana University.

TR4. 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*. LA's BEST After-School Arts Program. http://www.kpeppler.com/Docs/2006_Peppler_YearTwo_Findings_ASAP_Report.pdf

TR3. Peppler, K. (2006). *Ryman Arts 2000-2006: An overview of the program and an assessment of student portfolio work*. Ryman Arts Program. http://www.kpeppler.com/Docs/2006_Peppler_YearTwo_Findings_ASAP_Report.pdf

TR2. Catterall, J.S., Peppler, K. & Feilen, K. (2004). *LA's BEST after school arts program: Exploratory program evaluation.* The LA's BEST After-School Arts Program. Los Angeles: University of California.

TR1. Catterall, J.S. & Peppler, K. (2004). *Arts education and the worldviews of inner-city children*. The Ford Foundation. Los Angeles: University of California.

Refereed Talks, Workshops and Presentations (RT)

RT141. Adesida, T., Mueller, J., Peppler, K. & Cawelti, L. (June, 2023). Enacting an Artist/Researcher Model in Research Practice Partnership. Action-Research Network Association (ARNA) Panel Presentation.

RT140. Bishop, E., Lesser, M., Peppler, K., & Shreshtova, S. (March 2023). No Such Thing Podcast: Research Storytelling for the Digital Age [Podcast]. SXSWEdu, Austin, TX.

RT139. Cawelti, L., Huang, J., Ojeda-Ramirez, S., Telfer-Radzat, K., & Peppler, K. (April 2023). Exploring Interdisciplinary STEAM Practices Through Making a Kinetic Sculpture [Conference Paper Session]. AERA, Chicago, Il, United States.

RT138. Ojeda-Ramirez, S., Cawelti, L., Huang, J., Telfer-Radzat, K., & Peppler, K. (April 2023). "I Know a lot More Boys that are Interested in Doing Stuff Like That": Gendered Perceptions of Computational Construction Kits [Conference Roundtable Session]. AERA, Chicago, Il, United States.

RT137. Han, A., Huang, J., Villanueva, A. M., Peppler, K. A., Liu, Z., Zhu, Z., & Ramani, K. (May 2023). IOT Props into Creative Writing: Designing Narrative-Based Maker Activities for Children [Conference Virtual Poster Session]. AERA, Chicago, Il, United States.

RT136. Dahn, M., Adesida, T., Sikkema, S., & Peppler, K. (April 2023). Physical and Relational Space Making through Representational Videos of Arts Afterschool Programs [Conference Roundtable Session]. AERA, Chicago, Il, United States.

RT135. Dahn, M., Peppler, K., & Ito, M. (April 2023). "It's More About Finding Those Relationships": Making Connections for STEM Learning through Brokering Across Settings [Conference Roundtable Session]. AERA, Chicago, Il, United States.

RT134. Thompson, N., Saxena, P., Keune, A., & Peppler, K. (April 2023). Craftland is Mathland: Mathematical Insight and the Generative Role of Fiber Crafts [Conference Poster Session]. AERA, Chicago, Il, United States.

RT133. Diaz, M., Spilberg, J., Sikkema, S., Peppler, K., Dahn, M., & Preston, E. (November 2022) *Sustaining and expanding networks of Artist/Researchers*. Presented at Trans-Generatives 2030, Nancy, France and online.

RT132. Banks, R., Cooper, T., Issacs, S., Peppler, K., & Schmedlen, G. (2022). " Improving Edtech and Classroom Practice Through Educator-Industry Partnerships". Panel. ASU-GSV. San Diego.

RT131. Peppler, K. & Schindler, E. (April 2022) *Research Practice Industry Partnerships: An Innovative, Connected Learning Environment for Educators*. Symposium. American Educational Research Association. San Diego.

RT130. Peppler, K., Sedas, R. M., & Dahn, M. (April 2022). *Making at home: Interest-driven practices and supportive relationships in minoritized homes.* Presented at the American Educational Research Association Annual Meeting, San Diego, CA.

RT129. Peppler, K., Dahn, M., Cawelti, L., & Sedas, R. M. (April 2022). *New Directions for the arts through the Connected Arts Learning Framework.* Presented at the American Educational Research Association Annual Meeting, San Diego, CA.

RT128. Yankova, N., Dahn, M., Peppler, K., Lee, J., Montgomery, A., Sikkema, S., Spilberg, J., & Adesida, T. (April 2022l). *Design considerations for centering emotion and failure in problem solving.* Presented at the American Educational Research Association Annual Meeting, San Diego, CA.

RT127. Peppler, K. & Schindler, E. (2022) "Research Practice Industry Partnerships: An Innovative, Connected Learning Environment for Educators". Symposium. American Educational Research Association. San Diego.

RT126. Peppler, K. (2021). IEEE Talk with Linda. Accelerating Convergent Solutions at Tech/Work Interface for Societal Impact.

RT125. Peppler, K., Dahn, M., Sedas, R. M. (July 2021). Connected Arts Learning Framework. In Symposium New Directions in Out-of-School Time Learning With Historically Marginalized Youth. [Conference presentation]. Connected Learning Summit, Virtual Conference.

RT124. Peppler, K., Dahn, M., Sedas, M., Yankova, N., Sikkema, S., Spilberg, J., Lee, J., & Montgomery, A. (2021, July). "The Connected Arts Learning Framework: Insights from CAPE." [Conference presentation]. Connected Learning Summit, Virtual Conference.

RT123. Peppler, K., Sedas, R. M., Dahn, M. (July 2021). Making at Home. In Symposium Making Online and at Home: Lessons Beyond the Pandemic. [Conference presentation]. Connected Learning Summit, Virtual Conference.

RT122. Keune, A., Yankova, N., Peppler, K., (2021). #quiltsforpulse: Investigating quilting processes to inform community-based engagement. Connected Learning Summit (CLS), July 1-31, 2021. Virtual conference.

RT121. Keune, A., Yankova, N., & Peppler, K., (2021). Collaborating With Materials: Human-Material Design of New Technologies Through Fiber Crafts. In Coleman, J. (Chair), *Reconceptualizing Learning With New Qualitative Methods in the Posthuman Turn* [Symposium]. American Educational Research Association (AERA). April 8-12, 2021.

RT120. Schindler, E. (chair), Peppler, K., Belnap, L., Vempaty, A., Sundararajan, S., Roschelle, J., Stephenson, S. (2021) "Participatory Design of a Smart Assistant: Role Affordances for Academic Researchers, Educational Practitioners, and Industry Stakeholders." Symposium. Connected Learning Summit. Virtual. UC-Irvine.

RT119. Schindler, E., Peppler, K., Roschelle, J., and Fusco, J. (2021) “AI-Assisted Classroom Orchestration: Design Conjectures and Research Opportunities”. In Wichmann, A. Hoppe, H. U. & Rummel, N. (Eds.). (2021). General Proceedings of the 1st Annual Meeting of the International Society of the Learning Sciences 2021. Bochum, Germany: International Society of the Learning Sciences.

RT118. Keune, A., Yankova, N., & Peppler, K. (April 2021). *After Pulse: Sociopolitical Engagement as Joyful Collaborative Crafting* [Poster session]. American Education Research Association Annual Meeting.

RT117. Keune, A., & Peppler, K. (April 2021). *Reconceptualizing Learning With New Qualitative Methods in the Posthuman Turn* [Paper presentation]. American Educational Research Association Annual Meeting.

RT116. Bell, P., Hurley, M., Roche, J., Price, N., Mejias, S., Peppler, K., Sedas, R. M., Thompson, N., Soep, E., Gobir, N., Lee, C., Rosin, M., Bevan, B., Wong, J., & Rhinehart, A. (April 2021). *“STEAM” Programmes: Equitable Approaches to Transdisciplinary Informal Environments.* SIG-Informal Learning Environment Research, Annual Meeting of the American Educational Research Association (AERA), virtual.

RT115. 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.

RT114. 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)

RT113. 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)

RT112. Keune, A., & Peppler, K. (April 2020). “You can actually feel It happening”: Examining the materiality of learning computing through tangible matrix-based fiber crafts. Roundtable session accepted at the American Educational Research Association (AERA) Annual Meeting, April 17-21, 2020, San Francisco, CA (Conference canceled).

RT111. Keune, A. & Peppler, K. (April 2020). “I would call this slow computer”: Fiber crafts as tangible computational manipulatives. Poster accepted at the American Educational Research Association (AERA) Annual Meeting, April 17-21, 2020, San Francisco, CA (Conference canceled).

RT110. 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.

RT109. 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.

RT108. 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.

RT107. 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.

RT106. Peppler, K., Wohlwend, K., Rowsell, J., and Goldstone, R. (2019). *Posthuman Perspectives on Learning*. Workshop at the CSCL 2019 Conference. Lyon, FR.

RT105. 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.

RT104. 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.

RT103. 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.

RT102. 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.

RT101. 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.

RT100. 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.

RT99. 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.

RT98. 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.

RT97. 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.

RT96. 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.

RT95. Peppler, K. (2017, June. Evaluating Informal Learning Spaces. Discussant Presentation at the Computer-Supported Collaborative Learning (CSCL) Conference, Philadelphia, PA.

RT94. 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.

RT93. 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.

RT92. 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.

RT91. 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.

RT90. 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.

RT89. Peppler, K. (March 2, 2017). Research Seminar Series: Make-to-Learn. University of Otago College of Education, Division of Humanities, Dunedin, NZ.

RT88. Peppler, K. (March 23, 2017). Science Communication Seminar Series: Make to Learn. University of Otago Centre for Science Communication, Dunedin, NZ.

RT87. 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.

RT86. 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.

RT85. 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

RT84. 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

RT83. 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

RT82. 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/zzrttaz

RT81. 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

RT80. 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

RT79. 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

RT78. 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.

RT77. 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

RT76. 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

RT75. 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

RT74. 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

RT73. Peppler, K. (Discussant). (2015). The Maker Movement in Education. Symposium at the American Educational Research Association (AERA), Chicago, IL.

RT72. Peppler, K. (2015). Using E-Textiles to Integrate the Arts and STEM. Paper presentation at the American Educational Research Association (AERA), Chicago, IL

RT71. 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. Peppler, 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., Peppler, K. & Bamberger, J. (2012). *Emerging Musical Sense-Making: Constructionism and collaboration in computer-aided music composition.* Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.

RT48. Wohlwend, K. & Peppler, 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. Peppler, 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. Peppler, K. & Santo, R. (2012). *Informal Learning Environments as 21st Century Pre-Service Learning Spaces for Teachers.* Paper presented at the 2012 American Educational Research Association (AERA) Conference, Vancouver, Canada.

RT45. Kafai, Y., Peppler, 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., Peppler, 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., Peppler, 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. & Peppler, 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. & Peppler, 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. Peppler 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. Peppler, 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. Peppler, 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. Peppler, 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. Peppler, 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. Peppler, 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.

Invited Talks, Workshops, and Presentations (IT)

IT157. Peppler, K. (June, 2023). Strategies for Seamless Transitions and Sustainable Ecosystems. STEM Next Girls Build Solutions Conference. Atlanta, GA.

IT156. Peppler, K. (May, 2023). Research-Practice Industry Partnerships (RPIP). Empowering Educators via AI Language Technology Workshop. Stanford, CA.

IT155. Peppler, K. (June, 2022). AI that Understands the Complexities of the Learning Environment. Augmented Intelligence Workshop. Online.

IT154. Peppler, K. (December, 2022). Designing XR for Equity and Learning. Inclusive Campus of the Future Conference. Florida International University, Miami, FL.

IT153. Peppler, K., Dahn, M., & Ito, M. (July, 2022). Making Connections. Moonshot Mindshift Conference. Hosted by the STEM Next Online Network, Chicago, IL.

IT152. Peppler, K. & Ruthmann, A. (June, 2022). Sharing Session on STEAM Education. The Education University of Hong Kong. Virtual.

IT151. Peppler, K. & Schindler, E. (May, 2022). Academic Research From the University of California, Irvine Finds an AI Digital Assistant Helps Teachers Decrease Stress and Save Time. Supervised Learning podcast, Episode 2. Available at: https://supervisedlearning.merlyn.org/public/50/Supervised-Learning-d0ec399d/5abb79bc

IT150. Peppler, K. (May, 2022). Informatics Professional Development Class (Aaron Trammell, instructor). University of California, Irvine, CA.

IT149. Peppler, K. (May 11, 2022). AI in Education: AI Assisting Teachers To Create Effective Classrooms. World Bank EduTech Podcast. Part 1 available at: https://open.spotify.com/episode/1J3OxRKougDEfvtGIJ3YdL?si=AYrJvZ1BTBWBSn_JmjPl5Q. Part 2 available at: https://open.spotify.com/episode/4Nl5y311TmWsRN9XUELsH6?si=tFwi7XcdR7aD5k92wrtTRA

IT148. Peppler, K. (February, 2022). PI Meetup on the Future of Work at the Human-Technology Frontier. National Science Foundation.

IT147. Peppler, K. (November, 2021) National STEAM Day Panel. Strong TIES and Loretta Cheeks.

IT146. Peppler, K. (September, 2021). Curricula for Creative Uses of AI. EdTech Forum 2021. Virtual, hosted by the Republic of Korea Ministry of Education.

IT145. Clark, T., Gallagher, D., Peppler, K. & Potvin, A. (July, 2021). Introduction to Design-Based Implementation Research. Workshop for the National Network of Education Research-Practice Partnerships (NNERP).

IT144. Peppler, K., Ito, M., Michalchik, V. & Dahn, M. (July, 2021). Informational Webinar: Million Girl Moonshot on Brokering and Making Connections. Online webinar hosted by the STEM Next Network.

IT143. Peppler, K. (June, 2021). Discussant in PEER Network Session 4: Data Trust Development. Online Conference hosted by the National Science Foundation.

IT142. Peppler, K. (June, 2021). Discussant in PEER Network Session 3: AI and Technology-supported Education. Online Conference hosted by the National Science Foundation.

IT141. Lester, J., Dersh, D., Hmelo-Silver, C., Peppler, K., Schindler, E., Hampton, S., & Fusco, J. (2021, April 22). *Educators, artificial intelligence, and the future of learning: Learning environments* [Video]. circls.org. https://youtu.be/hMH5OmQpuQw

IT140. Peppler, K. (May, 2021). Discussant in PEER Network Session 2: Social and Human Good Research Foundations. Online Conference hosted by the National Science Foundation.

IT139. Peppler, K. (May, 2021). Discussant in PEER Network Session 1: Support for Advancement of Underrepresented Groups in STEM. Online Conference hosted by the National Science Foundation.

IT138. Peppler, K. (May, 2021). Crafting Change Symposium. Oberlin University.

IT137. Peppler, K. (May 2021). Interview with Yellow: Instagram Live.

IT136. Peppler, K. (April, 2021). Panel on Putting Research into Practice: Equity in Maker-Centered Learning. Hosted online by Citizen Schools.

IT135. Peppler, K. & Schindler, E. (April, 2021). Connected Learning. Educational Technology and School Leadership. University of Wisconsin School of Education, Madison, WI.

IT134. Peppler, K. (March, 2021). The GovLab online advisory session on equity in experiential and lifelong learning. Northeastern, Massachusetts.

IT133. Peppler, K. (panelist) (June, 2020). Education, COVID-19, and Technology. Educa Moçambique.

IT132. Peppler, K. (April, 2020). *Learning in and from Making*. RPP Research Center, UCI School of Education.

IT131. Peppler, K. (April, 2020). *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., & Thompson, N. (2020). Hosted SciLearning+ Retreat at UCIrvine for international participants.

IT127. Peppler, K. (February, 2020). Presentation at the NSF Convergence Accelerator Workshop. San Francisco, CA.

IT126. Peppler, K. (December, 2019). Presentation at the NSF Convergence Accelerator Workshop. San Francisco, CA.

IT125. Peppler, K., Keune, A., & 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. University of California, Irvine.

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). P*osthumanist 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. University of California, Irvine.

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, CA.

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 Elecronics. 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 Mastrigt, 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.

COURSES TAUGHT

Arts, Making and Engineering (EDUC 218/IN4MATX 295), University of California, Irvine
Re-Crafting Soft Technologies (IN4MATX 190), 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

ADVISING

Graduate Students

Current **Aakriti Bisht**, Ph.D. in Education, University of California, Irvine (Co-Advisor)

Current **Seth Van Doren**, Ph.D. in Education, University of California, Irvine (Co-Advisor)

Current **Shenshen Han**, Ph.D. in Informatics, University of California, Irvine (Advisor)

Current **Santiago Ojeda Ramirez**, Ph.D. in Education, University of California, Irvine (Co-Advisor)

Current **Lora Cawelti**, Ph.D. in Education, University of California, Irvine (Advisor/Chair)

Current **Ariel Han**, Ph.D. in Informatics, University of California, Irvine (Advisor/Chair)

Current **Nikki Yankova**, Ph.D. in Education, University of California, Irvine (Advisor/Chair)

Current **Phebe Chew**, Ph.D. in Education, University of California, Irvine (Advisor/Chair)

2023 **Mengqi Gao**, MS in Informatics (Advisor/Chair), *Current position:* Marist College Assistant Professor of Games and Interactive Media

2023 **R. Mishael Sedas**, Ph.D. in Education, University of California, Irvine (Advisor/Member)
Current position: Science Program Evaluator and Educator, Caltech & MIT. Division of Physics, Mathematics and Astronomy, Department: LIGO-LA (Laser Interferometer Gravitational-Wave Observatory, Livingston, LA))

2020 **Anna Keune**, Ph.D. in Education, Indiana University (Advisor/Chair)
Postdoctoral Researcher with Dr. Nikol Rummel, Institute of Educational Research,

Ruhr-Universität Bochum, Germany; *Current position:* Assistant Professor of Learning Sciences and Educational Design Technologies at the Technical University of Munich (TUM), Department of Education

2020 **Naomi Thompson**, Ph.D. in Education, Indiana University (Advisor/Chair)
Postdoctoral Researcher with Dr. Nichole Pinkard, Northwestern University; *Current position:* Assistant Professor of Learning Sciences, University at Buffalo Graduate School of Education.

2020 **Joey Huang**, Ph.D. in Education, Indiana University (Advisor/Chair)
Current position: Postdoctoral Researcher with Dr. Kylie Peppler, University of California, Irvine

2020 **Anthony Phonethibsavads**, Ph.D. in Education, Indiana University (Advisor/Chair)
Current position: Postdoctoral Researcher with Dr. Shayan Doroudi, Education, University of California, Irvine

2020 **Pooja Saxena**, Ph.D. in Education, Indiana University (Supervisor/Member)
Current position: Assistant Professor of Education, Cottey College, Nevada MO

2017 **Rafi Santo**, Ph.D. in Education, Indiana University (Advisor/Chair)
Current position: Principal Researcher, TELOS Learning; Senior Fellow, Joan Ganz Cooney Center at Sesame Workshop; Senior Research Fellow, CSforALL

2017 **Verily Tan**, Ph.D. in Education, Indiana University (Supervisor)
Postdoctoral Researcher, Indiana University; *Current position:* Senior Education Specialist, National University of Singapore

2017 **Christy Wessel Powell**, Ph.D., Indiana University (Supervisor/Member)
Current position: Assistant Professor of Literacy and Language Education, Purdue University

2016 **Maria Solomou**, Ph.D. in Education, Indiana University (Supervisor/Chair)
Current position: Manager at PwC Experience Center, Cyprus

2016 **Heidi Davis-Soylu**, Ph.D. in Education, Indiana University (Advisor/Chair)
Current position: Inaugural Lucienne M. Glaubinger Director of Education, Sidney and Lois Eskenazi Museum of Art, Indiana University

2015 **Beth Buccholz**, Ph.D. in Education, Indiana University (Supervisor/Member)
Current position: Assistant Professor of Reading Education, Appalachian State University

2015 **Kate Shively**, Ph.D. in Education, Indiana University (Supervisor)
Current position: Assistant Professor of Elementary Education, Ball State University

2015 **Michael Downton**, Ph.D. in Education, Indiana University (Advisor/Chair)
Current position: Associate Dean for Undergraduate Studies and Student Success; Associate Professor of Curriculum and Instruction, St. John's University

Selected Awards Received By Former And Current Students

2023 Lora Cawelti, Honorable Mention for the Dr. Michael E. Martinez Prize for Outstanding Research and Service

2023 Cindy El Jamrah (Undergraduate RA), Awarded Chancellor's Award of Distinction for Excellence in Service and Research

2023 Ariel Han, IDC Doctoral Consortium participant

2023 Ulia Zaman, UCI Undergraduate Research Opportunities Program (UROP) 2023 Distinguished Research Fellowship

2023 Lora Cawelti, ISLS Doctoral Consortium participant

2023 Ariel Han, UCI Beall Applied Innovation's Graduate Innovation Fellow

2023 Ulia Zaman, Honorable Mention for presentation at the Koret UC LEADS Research & Leadership Symposium held at UC San Diego

2023 Ulia Zaman, CHI 2023 Certificate of Recognition for participating in the Student Research Conference

2023 Nikki Yankova, Horton-Hallowell Fellowship, Awarded to graduates of Wellesley College for graduate study in any field, preferably in the last two years of candidacy for the PhD degree, or its equivalent, or for private research of an equivalent standard.

2023 Santiago Ojeda-Ramirez, UCI Miguel Velez Scholarship

2022 Mishael Sedas, ISLS Doctoral Consortium

2020 Anna Keune, Winner of Indiana University's Distinguished PhD Dissertation Award 2020, Social Sciences

2020 Anna Keune, AERA SIG Advanced Technologies for Learning & Learning Sciences (ALT/LS) Best Student Paper Award

2020 Anna Keune, Robert F. Tinker Travel Scholarship, Concord Consortium and the AERA SIG Advanced Technologies for Learning Learning Sciences (ALT/LS)

2019 Naomi Thompson, 2019-2020 recipient of Indiana University President's Diversity Dissertation Fellowship

2019 Naomi Thompson, AERA Diversity Dissertation Fellowship Award

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 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

2013 Naomi Thompson, McNair Graduate Scholars Fellowship Recipient, 2013-2017

2012 Sophia Bender, Dean's Fellowship, School of Education, Indiana University, Bloomington, IN

CREATIVE PRODUCTIONS

2019-2020 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

(mentors) Mentor Training 101

(mentors) Connected Work Mentors: Applying for College

(mentors) Mentor Playlist: Giving Feedback

(for youth) Connected Work: Values Affirmation

(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

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 - 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/)
2012 - 2013	Make-to-Learn website: www.m2l.indiana.edu
2010 - 2013	LilyPond http://lilypond.media.mit.edu/
2010	Tutorial for XBee Arduino API (http://www.instructables.com/id/Configuring-XBees-for-API-Mode/step5/XBee-Arudino-API/)
2010	Tutorial for Wireless Dance Costume (http://www.instructables.com/id/Wireless-Dance-Costume/)
2010	Tutorial for Programmable LilyPad EL-Wire Dress (http://www.instructables.com/id/Programmable-LilyPad-EL-Wire-Dress/)
2010	Tutorial for LilyPad Wrist Band POV (http://www.instructables.com/id/LilyPad-Wrist-Band-POV/); (http://blog.craftzine.com/archive/2010/03/lilypad_arduino_pov_wristband.html); (http://blogs.craftzine.com/archive/author/becky_stern/ ?limit=10&offset=456)
2010	Tutorial for Latch-Modified Turn-Signal Jacket (http://www.instructables.com/id/Latch-Modified-Turn-Signal-Jacket/)
2010	Tutorial for creating a Full Demonstration of all LilyPad Components (http://www.instructables.com/id/Full-Demonstration-of-all-LilyPad-components/)
2009 - 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

2023	UCI In the News: 'Recrafting Soft Technologies' Course Offers Tangible Lessons in Computer Science (https://www.ics.uci.edu/community/news/view_news?id=2359)
2023	UCI In the News: Joey Huang Aims to Increase Inclusivity in Computer Science (https://www.ics.uci.edu/community/news/view_news?id=2292)
2023	UCI In the News: AIStory: Leveraging Generative AI for Culturally Responsive Learning (https://www.ics.uci.edu/community/news/view_news?id=2323)
2023	NSF announces 54 teams picked for the VITAL Prize Challenge Semi-Final Round (https://new.nsf.gov/news/nsf-announces-54-teams-picked-vital-prize)
2023	How Cities Use the Arts to Promote Youth and Community Development (https://www.nlc.org/article/2023/06/28/how-cities-use-the-arts-to-promote-youth-and-community-development/)
2023	The Connected Arts Learning Framework: An Expanded View of the Purposes and Possibilities for Arts Learning (https://philanthropynewsdigest.org/features/research-briefs/the-connected-arts-learning-framework-an-expanded-view-of-the-purposes-and-possibilities-for-arts-learning)

2023	How Connected Arts Learning Can Expand Our View of the Impacts of Arts Education (https://www.wallacefoundation.org/knowledge-center/pages/how-connected-arts-learning-can-expand-our-view-of-the-impacts-of-arts-education.aspx)
2023	National Assembly of State Arts Agencies (NASAA) Notes: May 2023 (https://nasaa-arts.org/newsletter/2023-nasaa-notes-issues/may-2023-nasaa-notes/from-the-field/)
2023	Live from SXSW Edu 2023: Research Storytelling in The Digital Age (https://player.fm/series/no-such-thing-education-in-the-digital-age/live-from-sxsw-edu-2023-research-storytelling-in-the-digital-age)
2022	Connected Learning Alliance Blog Post featuring the NSF Re-Crafting Mathematics Work: “Performing Mathematics Through Crafting: A Workshop From A Constructionist Approach” https://clalliance.org/blog/performing-mathematics-through-crafting-a-workshop-from-a-constructionist-approach/?utm_source=mailchimp.com&utm_medium=email&utm_campaign=Vol197
2022	Carnegie Mellon University Press Release: New Course Weaves Math and Engineering Into Art: https://www.cs.cmu.edu/news/2022/weaving-course
2022	UCI Press Release: Recrafting Computer Science: $1.5M NSF Grant Leads to New Course Offering: https://www.informatics.uci.edu/recrafting-computer-science-1-5m-nsf-grant-leads-to-new-course-offering/
2022	Rochester Institute of Technology (RIT) announces new NSF partnership on the Future of Machining: https://www.rit.edu/news/faculty-researchers-secure-another-workforce-development-grant-support-growth-machinists
2022	Supervised Learning podcast, Episode 2: "Academic Research From the University of California, Irvine Finds an AI Digital Assistant Helps Teachers Decrease Stress and Save Time." Available at: https://supervisedlearning.merlyn.org/public/50/Supervised-Learning-d0ec399d/5abb79bc
2022	Merlyn Mind Press Release Video: “Study Shows Merlyn Reduces Teacher Stress, Saves Time”. Available at: https://www.educaciontrespuntocero.com/entrevistas/e-textiles-paola-guimerans/ https://www.youtube.com/watch?v=KB4oSmuk7q8
2022	Educatión 3.0, “E-textiles are the first field in the history of computing dominated by women.” Available at: https://www.educaciontrespuntocero.com/entrevistas/e-textiles-paola-guimerans/
2020	Wallace Foundation blog: Keeping Young People Creative (and Connected) in Quarantine. Available at: https://www.wallacefoundation.org/news-and-media/blog/pages/keeping-young-people-creative-and-connected-in-quarantine.aspx
2020	UCI Press Release: $5 Million in NSF Funding Boosts Development of Mixed Reality (XR) Platform for Workforce Training: https://www.ics.uci.edu/community/news/view_news?id=1898
2020	NSF C-Accel Phase 2 Press release: https://www.nsf.gov/news/special_reports/announcements/090320.jsp
2020	*Interface* (Jun 2020) “Dream Weaver”. Available at: https://issuu.com/m2designgroup/docs/spring_2020
2020	Inside Indiana Business: Purdue Exploring Augmented Reality for Workforce Training. Available at:

https://www.insideindianabusiness.com/articles/purdue-exploring-augmented-reality-for-workforce-training

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2016 Featured workshop on E-textiles on the WTIU Friday Zone.

2016 Interview for NAVE, Advanced Educational Center, is an integrated education program created by Oi Futuro Institute in partnership with the Pernambuco and Rio de Janeiro (Brazil) State Education Departments. Published in the NAVE newspaper.

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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 IU’s Dr. Kylie Peppler wins Tech Educator of the Year Mira Award (https://techpoint.org/ius-dr-kylie-peppler-wins-tech-educator-year-mira-award/)

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2015 One of 15 female IU faculty members featured in Her Story, honoring women who have helped shape the future of Indiana University Bloomington (https://herstory.iu.edu/peppler-kylie.html)

2015 StateImpact Indiana is a collaboration of WFIU and Indiana Public Broadcasting station covers the opening of the new Maker Space (http://indianapublicmedia.org/stateimpact/2015/12/03/iu-school-educations-maker-space/)

2015 Inside The IU School Of Education's New Maker Space on WTIU News (http://indianapublicmedia.org/stateimpact/2015/12/03/iu-school-educations-maker-space/)

2015 Makerspace opens in IU School of Education (https://www.youtube.com/watch?v=BvsiMH92k90&feature=youtu.be)

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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/

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2013 Peppler profiled on New Learning Times. Available at https://newlearningtimes.com/cms/article/1157

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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/2011/00000001/00000001/art00009;jsessionid=ghwt4tu55qai.alice
2011	90-minute interview on Public Television Broadcast in Cleveland, OH, interviewed on the program “How Arts Rich Environments Impact Achievement.“ Community Forum event @ Westfield Insurance Studio Theater, Idea Stream at Playhouse Square.
2011	Featured in Make Magazine: Hayes, G. (2011). Hivemind for Kids. In Make Magazine’s Volume 28 on Toys and Games. Also available online at http://makezine.com/28/beesim/
2011	National Writing Project Podcast on Exploring “Systems Thinking” with Grinding New Lenses: http://tinyurl.com/GrindingLensesSummerCamp. This podcast features teachers as well as members of the Indiana University research team sharing and reflecting on the 2011 Chicago summer camp implementation.

2011	Grinding New Lenses Work Featured on the Institute of Play's Website and National Writing Project: Zaman, R. (2011). Curriculum, Rewired: Teachers and Students Come Together Around Innovative New Pedagogy. http://www.instituteofplay.org/2011/09/curriculum-rewired/ and http://www.nwp.org/cs/public/print/resource/3653
2011	Book Review on The Computer Clubhouse: Curran, C. (2011). Book Review of the Computer Clubhouse: Creativity and Constructionism in Youth Communities. *E–Learning and Digital Media*, (8)1, p. 86-89.
2011	Featured on the Ed Wenck show/WIBC radio in Indianapolis for work on Rhythmic Videogames producing the next prodigy.
2011	Feature Topic at the IU School of Education: A simulated bee creates quite a buzz about science: School of Education researchers find a fake bee is making science more real .http://education.indiana.edu/Feature_Topic_Detail/tabid/11553/Default.aspx?xmid=6272
2011	Feature on the University of Pennsylvania's Graduate School l 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

2023 – present	Faculty Supervisor, ICS Creative Interfaces Affinity Group (CIG)
2023	Letter Writer for Tenure Promotion, Université of Montréal
2023	Letter Writer for Tenure Promotion, University of Wisconsin, Madison
2023	Letter Writer for Liane Brouillette Merit Review, School of Education, UCI
2022 - present	Co-Director, Connected Learning Lab
2022-2024	Member, UCI School of Education Steering Committee
2022-2025	UCI Senate Committee Member, Committee on Teaching, Learning, Student Experience (CTLSE), UCI
2022 - 2024	Member, UCI School of Education Admissions Committee
2022 - 2024	Member, UCI School of Education Climate Committee
2022 - 2024	DECADE Mentor, School of Education, UCI
2022	Participant, UC WOMEN'S LEADERSHIP INITIATIVE South Cohort
2022	Chair, Ariel Han's Comprehensive Qualifying Examination Committee
2021	Member of Thomas Grace Comprehensive Qualifying Examination Committee
2021	Member of Ashley Harlow Dissertation Committee
2021 - 2022	Chair, Qualitative Inquiry on Race and Ethnicity search
2021 - 2022	Letter writer for Constance Steinkuehler Merit Review, Department of Informatics
2021 - 2022	Letter writer for June Ahn's Promotion to Full Professor, School of Education, UCI
2021- present	Member of Executive Council for California Institute of Telecommunications and Information Technology (CalIT2)
2021	Letter Writer for Brandy Gatlin's Promotion to Reappoint at Third Year Review, UCI School of Education
2021	Letter Writer for Nia Dowell's Third Year Review, UCI School of Education
2020 - 2022	Member, Faculty Governance Team, Connected Learning Lab
2019 - 2022	UCI Senate Committee Member of the UC Irvine Academic Integrity Review Board (AIRB)
2019 - 2021	Chair, Informatics Graduate Admissions Committee
2020 - 2022	Member, Department of Informatics' CARE Committee on Diversity, Equity and Inclusion
2020 - 2022	Mentor to Assistant Professor, Theresa Tannenbaum, Department of Informatics
2020 - 2021	Mentor to Assistant Professor, Constance Iloh, School of Education
2018 - 2022	Mentor alumna, President's Postdoctoral Fellowship Program
2018 - 2020	Member, Faculty Leadership Committee, Connected Learning Lab

2018 - 2022	Chair, Connected Learning, Technology & Design Masters Committee, a joint effort of the Department of Informatics and the School of Education
2018 - present	Mentor to Assistant Professor, Roderic Crooks, Department of Informatics
2019 - 2020	TLEI Representative on the Undergraduate Steering Committee Member, School of Education
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
2018 - 2020	Connected Learning Faculty Steering Committee Member
2019	Representation of the Connected Learning Lab (CLL) and Creativity Labs in the CalIT2 Town Hall Events and Lab Tours
2019	Informatics, Computers Science and Statistics (ICS) Industry Showcase
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	UCI School of Education 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	Member, IU Counseling and Educational Psychology Departmental Annual Review Committee
2017 – 2018	Organizer, IU Fashion Tech Symposium
2017 – 2018	Member, IU SoAA+D Campus Advisory Board
2017 – 2018	Member, The IU School of Education Learning and Teaching with Technology Committee
2017 – 2018	Member, IU Outstanding Junior Faculty Award Selection Committee
2016	Member, search committee for the new IU Dean of the School of Arts and Design (SOAD)
2015 – 2018	Member, IU Arts & Humanities Council
2014 – 2016	Chair, The IU 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 – 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
2014	Member, Search committee for the new Indiana University Vice Provost of Research
2009 - 2013	Co-Chair, Recruitment Committee, Learning Sciences, 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)
2011 - 2013	Alternate, Indiana University, School of Education Policy Council
2010 - 2013	Member, Indiana University Graduate Studies Committee (GSC/RAFA)
2012	Member, Joint School of Education & School of Informatics Computer Science Education Search Committee
2012	Chair, Recruitment Weekend, Learning Sciences Program, Indiana University
2011 – 2012	Member, Search Committee for Position in Computer Science and Education, Indiana University
2010 - 2012	Chair, Indiana University School of Education Dissertation of the Year Committee
2009 - 2012	Co-Chair, Learning Sciences, Media, Technology (LSMT) Certificate Program, Learning Sciences, Indiana University
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
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

2023-2025	Advisory Board Member, Broad Implementation of Mobile Making: STEM-Making for engaging underserved communities across California (NSF#2215653). PIs: Edward Price, Frank Gomez, James Marshall, Sinem Siyahhan, California State University, San Marcos
2023 - present	Research-Practice Partnership with Woodbridge High School (Irvine, CA) Makerspace
2022 - 2023	Host, ICS Colloquium for Marcelo Worsley
2022 - 2023	Host, ICS Colloquium for Nettrice Gaskins
2022 - 2023	Host, ICS Colloquium for Tiera Tanksley
2022	Host, "Changing the Conversation: A Learning Summit for SoCal's School Leaders with UCI's Connected Learning Lab, Anaheim Union USD, and TeachFX
2022 – present	Partnership with Santa Ana Libraries, Santa Ana, CA
2021 – present	Partnership with El Sol Academy, Santa Ana, CA
2019 – present	Partnership with ListoAmerica Clubhouse, Tustin, CA
2019 – 2022	Partnership with Inner-City Arts, Los Angeles, CA
2019 – 2022	Partnership exploration with Two-Bit Circus, Los Angeles, CA
2019 – 2022	Partnership exploration with PBS, Santa Ana, CA
2017 - 2019	Advisory Board Member, NSF Debugging Failure Project with Dor Abrahamson, UC Berkeley & Noel Enyedy (PIs)
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 - 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
2018	Organizational Committee Member, Midwest Cognitive Science Symposium.
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	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

2023 - 2027	Advisory Board Member, API Can Code (NSF). PI: David Weintrop, University of Maryland.
2023	Judge for the ASU+GSV Education Innovation Showcase
2023	App Design Review, Tiny Minies, Gamester Bil ve Dan AS, Turkey
2023	App Design Review, Dopiverse, Doping Hafıza, Turkey
2022 - 2023	Review Committee, Infy Maker Awards 2023
2022 - 2027	Advisory Board Member, CAREER: Situating Computational Learning Opportunities in the Digital Lives of High School Students (NSF#2141655). PI: David Weintrop, University of Maryland, College Park.
2022	Letter Writer for Tenure Promotion II, Northwestern
2022	Letter Writer for Tenure Promotion I, Northwestern
2022	Letter Writer for Tenure Promotion, University of Buffalo
2022	Letter Writer for Promotion to Full, University of California, Riverside
2022	Letter Writer for Tenure Promotion, The Pennsylvania State University
2022	Letter Writer for Tenure Promotion, University of Illinois, Chicago
2022	Grant Proposal Reviewer, W. M. Keck Foundation
2022 - 2023	External Member, Emmi Pouta's Dissertation Committee, Aalto University
2022	External Member, Liat Rahmian, University of Haifa
2022 - present	Advisor, Launch of the LEAP SEE (Spark, Explore, Experience) Career Initiative, Chicago, IL.

2022- 2023	Co-Chair, *Interaction Design for Children* (IDC) Doctoral Consortium 2023
2022 - present	Editorial Board, *Reading Research Quarterly*
2022 - 2023	Guest Editor with Maggie Dahn, Special issue of *Sustainability* (ISSN 2071-1050) on “STEM + Arts: STEAM Approach in Education”
2022	Associate Chair, *Interaction Design for Children* (IDC) 2022
2020 - 2023	Advisory Board Chair, Collaborative Research: Creating a Mechanism for Youth to Document Out-Of-School-Time STEM Learning as a Means for Expanding Educational Pathways (MOST) (NSF#2114840). PIs: Barry Fishman & Leslie Herrenkohl, University of Michigan.
2020	Advisory Board Member, Developing a Teacher Micro-credential for Integrating Computational Thinking Across Disciplines (NSF#1933933). PIs: Aman Yadav, Raphael Santo, Thomas Bijesse, Marc Lesser (Former Co-Principal Investigator), Carlos Leon (Former Co-Principal Investigator), Michigan State University.
2020 - 2023	Advisory Board Member, Tinkering and Making Strategies to Engage Children and Families in Creating with Code (NSF#2005764). PI: Ricarose Roque, University of Colorado, Boulder.
2020-2021	Advisor, YellowHab (https://teamyellow.org/yellowhab) opening of all-day school for grades 3-6, Norfolk Virginia
2021	Review, National Science Foundation
2021	Letter Writer for Promotion to Tenure 1, Utah State University
2021	Letter Writer for Promotion to Tenure 2, Utah State University
2021 - 2023	Guest Editor with Anna Keune, Special Issue of Digital Culture and Education on “Advancing posthuman methodologies in the study of teaching and learning”
2021 - 2022	Reviewer, The Department of Cultural and Creative Arts (CCA) at the Education University of Hong Kong’s (https://www.eduhk.hk/cca/en/) current curriculum and offer seminars/workshops for continued improvement
2020-2021	Senior Reviewer, Annual Meeting of the International Society of the Learning Sciences
2020-2021	Program Committee Member, ACM ICER 2021
2021	Member, FabLearn Review Committee
2020 - 2022	PC Member, Organizing Committee for International Computing Education Research conference (ICER)
2020 - 2021	Guest Editor, Special issue of *Sustainability* (ISSN 2071-1050) on “The Future of Maker Education”
2020 - 2021	Advisory Board, Pirita Seitamaa-Hakkarainen’s FRIPRO-funded project on “Maker-Centered Learning: cultivating creativity in tomorrow’s schools.” Helsinki, Norway
2020 - present	Advisory Board Member, Sean Justice and Lori Assaf’s NSF project on “Exploring PreK-2 Teachers’ Abilities to Identify CT Precursors and Implement Learning Activities that Strengthen Computer Science in Early Childhood Classrooms” (DRL 2006595; 9/1/2020-8/31/2023)
2020	Letter Writer for Promotion to Full, Teachers College, Columbia University
2020	Participant, American Academy of Arts & Sciences Arts Education Listening Session
2020	Reviewer, National Academy Board of Science Education’s report on “The Role of Authentic STEM Learning Experiences in Developing Interest and Competencies for Computing”
2019 - present	Track Co-Chair/Reviewer, Connected Learning Summit Review Committee
2020	Member, FabLearn Review Committee
2020	Reviewer, National Science Foundation

2020 - present	Editorial Board for the International Journal of Computer-Supported Collaborative Learning (ijCSCL)
2020 - present	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 - 2021	Education Advisory Board Member, XIO Research
2019 - 2020	Guest Editor, Special Section of the *British Journal of Education Technology* (BJET) on Advancing Post-Humanist Perspectives on Technology-Rich Learning
2019 – 2021	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 – 2020	Review Committee for Major Grants (Two-year term), Spencer Foundation
2019	Back of the Yards Mentor Training, Chicago, IL
2019	Participant Mentor, PPFP Academic Spring Retreat (Lake Arrowhead, CA): Critical Evaluation By Faculty
2018 – present	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 – present	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 – 2020	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 (MakEY). PI: Jackie Marsh
2016	NSF Panel Reviewer
2016	U.S. Dept of Education CTE Makeover Challenge Review Panel
2016	Hosted National Working Group Meeting on Portfolio Assessment at the Moore Foundation
2016 – 2019	Advisor, NSF Puppets Project Advisory Board, PI: Michael Nitsche
2016 – 2019	Advisor, NSF Advisory Board for STITCH, PI: Colby Tofel-Grehl
2016 – 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 – present	National ArtsEdSearch Review Panel Member
2009 – present	Ad-Hoc reviewer for the *Journal of the Learning Sciences*, Oxford University Press, *Teachers College Record*, *Journal of Science Education and Technology*, *International Journal of Learning and Media*, *Science Education*, *the Psychology Aesthetics, Creativity*, *and the Arts* and other major journals/presses
2015	Co-Chair, FabLearn Conference, Palo Alto, CA
2014 – 2015	Host the Monthly USMakes! Call Series for the US State Department
2014	Hosted Open Portfolio Workshop at the Project Zero Conference
2014	Hosted National Working Group Meeting at the Moore Foundation
2014	Provided E-Textiles Workshops for the US State Department in Russia and Belarus
2014	Participant, Maker Meeting, Pittsburgh, PA
2014	Participant, Open Courses/Connected Commons Workshop, Palo Alto, CA
2014	Co-Chair, FabLearn Conference, Palo Alto, CA
2013 – 2014	National Common Core Arts Standards (NCCAS) reviewer for The John F. Kennedy Center for the Performing Arts
2013 – 2014	Host the Monthly MacArthur Design Research Call Series
2013	Peppler, K. (2013). Digital Media and Learning Communications Meeting. Held January 31-February 1, 2013 in Chicago, IL.
2013	Ad-hoc Reviewer, Psychology Press (Taylor & Francis Group), *Psychology of Popular Media* (APA), *Science Education*, and *Mind, Culture & Activity*
2013	Provided E-Textiles Workshops for the Chicago Public Libraries
2013	Provided E-Textiles Workshops for the South Fayette School District, Pittsburgh PA
2013	Participant, Conference on Longitudinal Study of Out-of-School Time Science Programs June 17-19, 2013, Convened by National 4-H Council and Dr. Robert Tai at the Moore Foundation, Palo Alto, CA
2013	Participant, MacArthur DML Major Projects Meeting in Chicago, IL
2013	Participant, CSCL Workshop: From Data Sharing to Data Mining: A Collaborative Project to Create Cyber-Infrastructure to Support and Improve Design Based Research in the Learning Sciences. 2013 Computer-Supported Collaborative Learning Conference in Madison, WI
2013	Participant, US Department of Education/MacArthur Foundation ReImagining Education: Empowering Learners in a Connected World event. Knight Conference Center at the Newseum, Washington, DC. May 28-29, 2013
2013	Chair, Make-to-Learn Symposium held on March 13, 2013 in Chicago, IL
2012 – 2013	Chair, Make-to-Learn (m2l.indiana.edu) thematic initiative for the MacArthur Foundation
2012	National Science Foundation Review Panel, REESE Competition
2012	Judge, Instructables.com challenge competition for connecting making and learning in schools
2011	Ad-hoc reviewer for Oxford University Press, *Journal of Creative Behavior*, *The Journal of the Learning Sciences*, *Journal of Children and Media*, and the Tangible Embedded and Embodied Interaction Conference

2011	Consultant for the Cleveland Metropolitan School District's Department of Arts Education's Premier Arts Specialty System (PASS), the district's four K-8 arts infused, and culturally responsive schools in Ohio.
2011	Consultant for the Jefferson County Public Schools in Louisville, KY Gheens Academy of Curriculum and Instruction, which designs and supports curriculum throughout a district of 150+ schools.
2011	AERA Presidential Working Group Leader: Interest Driven Learning and Participatory Democracy: A 21st-Century Agenda for Technology and Education
2011	Wallace Foundation's Policy Panel on Reimagining the School Day
2011	National Science Foundation Review Panel, Cyberlearning Competition
2010 – 2013	Member of the ScratchEd Advisory Board
2008 – 2010	Advisory Board of the Institute of Museum and Library Services (IMLS) Nation of Leaders Research Grant Advisory Board ("Media MashUp") for the Science Museum of Minnesota, Wilmette Public Library (IL), Public Library of Charlotte Mecklenburg County, Memphis Public Library, the Free Library of Philadelphia and the Seattle Public Library
2008	Reviewer, Session Chair, and Discussant for the American Educational Research Association (AERA)
2008	DIGITEL (Digital Game and Intelligent Toy Enhanced Learning) Conference Program Committee
2008	Reviewer for the Interaction Design for Children (IDC) Conference in Chicago, IL
2006 – 2008	Member of the International Society for the Learning Sciences (ISLS) Education Committee
2004 – 2007	Volunteer in South Los Angeles Computer Clubhouse funded by Intel
2007	Reviewer for the Journal of Science Education
2005 – 2006	Member of the UCLA, Principal Leadership Instruction (PLI) Faculty Search Committee
2005	Opportunities Unlimited Charter High School, Arts and Technology Curriculum Development Consultant: http://www.youincla.org/clubhouse/charterschool