|  |  |
| --- | --- |
| **Justin Reich** | [tsl.mit.edu](file:///D%3A%5CUsers%5CJustin%20Reich%5CDropbox%20%28MIT%29%5CJobs%20and%20CVs%5Ctsl.mit.edu) |
| 21 Hawthorne Ave. | jreich@mit.edu |
| Arlington, MA 02476 | 978-831-3046 |

**APPOINTMENTS**

|  |  |
| --- | --- |
| **Massachusetts Institute of Technology**, Cambridge, MA | 2012-Present |
|  *Assistant Professor, Comparative Media Studies* (2017-Present)CMS.595/895 *Learning Media and Technology Seminar*CMS.S63/S99 *Designing the First Year Experience*CMS.100 Introduction to Media Studies11.154x, *Launching Innovation in Schools* (edX)11.155x, *Design Thinking for Leading and Learning* (edX)CMS.501x, *Envisioning the Graduate of the Future* (edX)0.51x, *Competency-Based Education: The What, Why, and* How (edX)0.52x, *Becoming a More Equitable Educator: Mindsets and Practices* (edX) *Executive Director, Teaching Systems Lab* (2015-Present)*Research Scientist, Office of Digital Learning* (2015-2017)*Lecturer, Scheller Teacher Education Program* (2012-Present)11.124, *Introduction to Education, Looking Forward and Looking Back*11.125, *Introduction to Education, Understanding and Evaluating Education*11.S942*, Massive: The Future of Learning at Scale* |
| **Berkman Center for Internet & Society**, **Harvard University** Cambridge, MA | 2011- Present |
| *Fellow, Faculty Associate, Alum* |
| **EdTechTeacher,** Boston, MA | 2006-Present |
| *Co-Founder* |
| **Harvard Graduate School of Education,** Cambridge, MA | 2007-2015 |
| *Lecturer: Technology, Innovation, and Education Program*T-509, *Massive: The Future of Learning at Scale,* Fall 2014*Lecturer: Programs in Professional Education**Future of Learning Institute*, *Performance Assessment in Higher Education*, *Leading 21st Century High Schools, Learning Environments for Tomorrow, Institute for Management and Leadership in Education*, *Future of Independent Schools Institute**Teaching Fellow*T-213, Prof. Meira Levinson, *History Teaching Methods*, Fall 2007 and 2008S-030, Profs. John Papay and Lindsay Page, *Intermediate Statistics,* Spring 2009T-526, Prof. Stone Wiske, *Power of Networked Learning*, Spring 2010T-561, Prof. Chris Dede, *Emerging Educational Technologies* Fall 2011 |
| **Office of the President and Provost, Harvard University**,Cambridge, MA | 2013-2015 |
| *Richard L. Menschel HarvardX Research Fellow* |
| **Boston Teacher Residency/University of Massachusetts-Boston,** Boston, MA | 2010-2011 |
| *Lecturer* |

**HONORS AND FELLOWSHIPS**

**2019-2022** Mitsui Career Development Chair

**2019** AERA Division C Jan Hawkins Award for Early Career Contributions to Humanistic Research in Learning Technologies

**2018** MITx Award for Teaching and Learning, Office of Digital Learning, MIT

**2012** Emerging Leader, International Society for Technology in Education

**2012** Outstanding Educator in Residence, Singapore Ministry of Education

**2011** Summer Research Fellowship, MacArthur Foundation Digital Media and Learning.

**2008** Dean’s Summer Fellowship, Harvard Graduate School of Education

**1996-2000** Jefferson Scholarship, University of Virginia

**EDUCATION**

|  |  |
| --- | --- |
| **Harvard Graduate School of Education*,*** Cambridge, MA | May 2012 |
| EdD in Education Policy, Leadership, and Instructional PracticeThesis: *The State of Wiki Usage in U.S., K-12 Schools: Leveraging Web 2.0 Data Warehouses to Study Quality and Equity in Online Learning Environments*Advisor: Richard Murnane, John Willett |  |
| **University of Virginia,** Charlottesville, VA |  |
| MA in U.S. History | June 2000 |
| Thesis: “*A Park for All the People”: Region, Nation and the Great Smoky Mountains National Park*Advisor: Brian Balough |  |
|  |
| BA with Distinction in Interdisciplinary Studies | June 1999 |
| Thesis: *Re-Creating the Wilderness: Shaping Narratives and Landscapes in Shenandoah National Park*Advisor: Edmund Russell |  |

**GRANTS**

Reich, J. (PI), Ruiperez-Valiente, J. (Co-PI). *Global and Regional MOOC Learning Analytics Across Providers and Nationalities*. MIT International Science and Technology Initiatives Seed Funds. $28,669. MISTI- “la Caixa” Foundation. (2020-2021).

Reich, J. (PI). Boisvert, D. (Co-PI). *CSforAll: RPP: Pathways for Advancing Computing Education*. $299,249. National Science Foundation CSforAll Award #1923130 (2019-2020).

Reich, J. (PI). Koedinger, K. (Co-PI). *Learning Engineering Postdoctoral Fellowship*. Bill and Melinda Gates Foundation. $1,000,000. (2019-2021).

Reich, J. (PI). Levinson, M. (Co-PI). *YouthInFront.org*. Southern Poverty Law Center: Teaching Tolerance. $300,000 (2019-2022)

Reich, J. (PI). Rose, C. (Co-PI). S*imulating Challenging Social Situations with Intelligent Agents to Support Novice Computer Science Teachers in Self- and Social- Regulation Strategies (INSPIRE CS-AI)*. National Science Foundation Award # 1917668. $747,743.00 (2019-2021)

Reich, J. (PI). *Innovative New Spaces for Practice and Rehearsal: Middle Years Math (INSPIRE:MYM)*. Bill and Melinda Gates Foundation. $1,150,000. (2019-2022)

Reich, J. (PI). *Civic Practice Spaces* Hewlett Foundation/National Writing Project. $42,500 (2019)

Reich, J. (PI). *Improving and Assessing Computer Science Equity Training Practices Through Online Practice Spaces*. Teaching and Learning Innovation Grants at MIT. $100,000. (2018-2019)

Reich, J. (PI). *Teacher Practice Spaces for Equity Teaching Practices*. Jameel World Education Lab at MIT. $49,875. (2018-2019)

Reich, J. (PI), *Online Courses to Build a Movement for Education Innovation*. Anonymous. $5,125,000. (2017-2021)

Reich, J. (P.I.) Parker, J (P.I.) *Beyond Rubrics: Moving Toward Embedded Assessment in Maker Education*. NSF: EAGER: Maker. $300,000 (2017-2019)

Reich, J. (P.I.), Tingley, D. (P.I.) *Framing MOOC Learning for Student Success*. NSF: EAGER Division of Undergraduate Education. $300,000. (2016-2018)

Reich, J. (P.I.) Equity Teaching Practices for Computer Science Education. Google/Tides Foundation. $300,000 (2017-2019)

Reich, J. (P.I.). MOOCs for School Leaders: *Launching Innovation in Schools* and *Design Thinking for Leading and Learning*. Microsoft/edX. $650,000. (2016-2019)

Reich, J. (P.I.), Tingley, D. (P.I.), Stewart, B. (P.I.). *Computational measures of engagement across differences in online courses.* Hewlett Foundation Deeper Learning Initiative. $50,000. (2015-2017)

Reich, J. (P.I.), Tingley, D. (P.I.), Stewart, B (P.I.). *Computational measures of engagement across differences in online courses.* Spencer Foundation Measuring the Quality of Civic and Political Engagement. $400,000. (2015-2017)

Socia, D. (P.I), Arafeh, S. (co-P.I.), Boisvert, D. (co-P.I), Reich, J. (co-P.I.), Spicer, Y. (co-P.I.). *Mobile Pathways for 21st Century Learning: An innovative cyberlearning project that leverages mobile technology and game dynamics with parental involvement to promote informal STEM learning.* National Science Foundation Award #1250580 Program: Cyberlearning: Transforming Education; $50,000. (2012-2013).

Murnane, R (P.I.), Willet, J.B. (P.I.), Reich, J. (Project Manager/Grant Author). *Distributed collaborative learning communities project*, Hewlett Foundation Open Educational Resources Initiative, $385,000; (2009-2012)

Reich, J., Daccord, T. *Online course provider for Project ELITE-II (Elementary Teachers Learning Instructional Technology in Education),* Massachusetts Technology Enhancement Competitive Grant, $75,000 (2009)

**PUBLICATIONS**

**Books:**

Reich, J. (Forthcoming September 2020). *Failure to Disrupt: Why Technology Alone Can’t Transform Learning.* Harvard University Press.

Daccord, T., & Reich, J. (2016). *iPads in the classroom: From consumption and curation to creation (*2nd Ed.). West Palm Beach: Learning Sciences International

Daccord, T., & Reich, J. (2014). *iPads in the classroom: From consumption and curation to creation (*1st Ed.). Chestnut Hill, MA: EdTechTeacher Press.

Reich, J., & Daccord, T. (2008). *Best ideas for teaching with technology: A practical guide for teachers, by teachers.* Armonk, NY: M.E. Sharpe.

**Works in Progress:**

\* indicates students & research scientists working under my supervision

🕆  indicates co-equal first authors

Reich, J. et al (In Revise and Resubmit). Remote Learning Guidance from State Education Agencies During the COVID-19 Pandemic: A First Look.

Reich, J. (In Submission). Rigor: Preregistration & registered reports. *Educational Psychology.*

Littenberg-Tobias, J.\*, Slama, R.\* & Reich, J. (In Revise and Resubmit). Large-Scale Learning for Local Change: The Challenge of MOOCs as Educator Professional Learning

Xu, W., Thompson, M.\*, Yang, K., Roy, D.\*, Koedinger, K., Rose, C., & Reich, J. (In Submission) Practice-Based Teacher Questioning Strategy Training with ELK: A Role-Playing Simulation for Eliciting Learner Knowledge

Thompson, M.\*, Falck, E.\*, Slama, R.\*, & Reich, J. (In Submission). The practice-based teacher education engagement ladder: A developmental model of adoption, adaptation, and redesign.

Moore, M.\*, Ng, K.\*, Kim, Y.\*, Robinson, K.\*, Thompson, M.\*, & Reich, J. (In Preparation). Debriefing digital simulations: Exploring designs that support teacher educators in using teacher candidate performance data. <https://doi.org/10.31235/osf.io/pwqb8>

**Peer-Reviewed Scholarly Articles and Conference Proceedings:**

Reich, J. (Forthcoming). Two stances, three genres, and four intractable dilemmas for the future of learning at scale. *Proceedings of the 2020 ACM Learning@Scale Conference*.

Maldonado-Mahauad, J. Ruipérez-Valiente, J., Pérez-Sanagustín, M., Jenner, M., Despujol, I., Turró, C., Staubitz, T., Rohloff, T., Montoro, G., & Reich, J. (Forthcoming). Participation of Latin America in MOOCs: Exploring trends across providers. *Proceedings of the 2020 Learning with MOOCs Conference*.

Anderson, N.\*, Benoit, G.\*, Moussapur, R.M.,\* Slama, R.\*, Reich, J. (Forthcoming). Using digital clinical simulations and authoring tools to support teachers in eliciting learners’ mathematics knowledge. *Connected Learning Summit.*

Littenberg-Tobias, J.\* & Reich, J. (2020). Evaluating Access, Quality, and Equity in Online Learning: A Case Study of a MOOC-Based Blended Professional Degree Program. *Internet and Higher Education.47.*  <https://doi.org/10.1016/j.iheduc.2020.100759>

Kizilcec, R. 🕆, Reich, J.🕆, Yeomans, M. 🕆, Lopez, G., Brunskill, E., Dann, C., Tingley, D. (2020). The limits of scalable interventions: Addressing global achievement gaps with psychological interventions in 248 MOOCs. *Proceedings of the National Academy of Sciences.* [*https://doi.org/10.1073/pnas.1921417117*](https://doi.org/10.1073/pnas.1921417117)

Sullivan, F., Hillaire, G.\*, Larke, L.\*, Reich, J. (2020). Using Teacher Moments During the COVID-19 Pivot. *Journal of Technology and Teacher Education.* 28(2) 303-313.

Reich, J., Gehlbach, H., and Albers, C., (2020). “Like Upgrading from a Typewriter to a Computer”: Registered Reports in Education Research. *AERA Open.* <https://doi.org/10.1177/2332858420917640>

Napier, A\*., Huttner-Loan, E.\*, and Reich, J. (2020). Evaluating transfer of learning from MOOCs to workplaces: A case study from teacher education and “Launching Innovation in Schools”. *Revista Iberoamericana de Educación a Distancia*. 23(2), 45-63. <http://revistas.uned.es/index.php/ried/article/view/26377/21139>

Ruiperez-Valiente, J.\*, Jenner, M., Staubitz, T., Li, X., Rohloff, T., Halawa, S., Turro, C., Cheng, Y., Zhang, J., Despujol, I., & Reich, J. (2020). Macro MOOC learning analytics: Exploring trends across global and regional providers. *Proceedings of the 2020 Learning Analytics and Knowledge Conference,* 518-523 <https://dl.acm.org/doi/pdf/10.1145/3375462.3375482>*.*

Ruiperez-Valiente, J.\*, Halawa, S. & Reich, J. (2020). Using multi-platform learning analytics to compare regional and global MOOC learning in the Arab world. *Computers & Education.* (146) <https://doi.org/10.1016/j.compedu.2019.103776>

Littenberg-Tobias, J\*. Ruiperez-Valiente, J.\*, & Reich, J. (2020). Studying learner behavior in online courses with free-certificate coupons: Results from two case studies.*International Review of Research in Open and Distributed Learning.* 21(1), 1-22. https://doi.org/10.19173/irrodl.v20i5.4564

Ruiperez-Valiente, J.\*, Halawa, S. & Reich, J. (2019). Multiplatform Learning Analytics: Comparing Arab Learners Across EdX and Edraak. *Proceedings of the Sixth Annual ACM Learning@Scale Conference.* <https://doi.org/10.1145/3330430.3333616>

Thompson, M.\*, Owho-Ovuakporie, K.\*, Robinson, K.\*, & Reich, J. (2019). Teacher Moments: An online platform for preservice teachers to practice and reflect on parent-teacher conversations. *Journal of Digital Learning in Teacher Education DOI:*[*10.1080/21532974.2019.1587727*](https://doi.org/10.1080/21532974.2019.1587727)

Reich, J. & Ruiperez-Valiente, J. (2019) The MOOC Pivot. *Science 363*(6423), 130-131.

Huttner-Loan, E.\*, Beazley, G.\*, Glenwerks, C.\*, Napier, A.\*, Littenberg-Tobias, J.\* & Reich, J. (2018) “It looks like this course is turning toward a degree”: Rethinking professional education with a blended MicroMasters program. *Proceedings of the 2018 Learning with MOOCs Conference,* Madrid, Spain.

Rupierez-Valiente, J.\* & Reich, J. (2018) Participation of the Arab world in MOOCs. *Proceedings of the 2018 Learning with MOOCs Conference,* Madrid, Spain.

Reich, J., Kim, Y.J.\*, Robinson, K.\*, Roy, D.\*, Thompson, M.\* (2018). Exploring authenticity and playfulness in teacher practice spaces. *Proceedings of the 2018 Connected Learning Summit,* Cambridge, MA.

Van Der Zee, T.\* & Reich, J. (2018) Open educational science. *AERA Open. 4*(3). <https://doi.org/10.1177/2332858418787466> **[#1 Most Read AERA Open article 2018; 2018 Top 10 Most Read AERA article]**

Napier, A., Huttner-Loan, E., Reich, J. (2018.) From online learning to offline action: Using MOOCs for job-embedded teacher professional development. *Proceedings of the 2018 Learning@Scale Conference*, London, UK.

Reich, J., Kim, Y.J.\*, Robinson, K.\*, Roy, D.\*, Thompson, M.\* (2018) Teacher practice spaces: Examples and design considerations. *Proceedings of the* 2018 *International Conference of Learning Sciences*, London, UK.

Robinson, K.\* Jaharanian, K. & Reich, J. (2018) Using online practice spaces to investigate challenges in enacting principles of equitable Computer Science teaching. *Proceedings of the 2018 Special Interest Group on Computer Science Education Technical Symposium*, Baltimore, MD*.*

Yeomans, M.\*, Stewart, B., Mavon, K.\*, Kindel, A.\*, Tingley, D., & Reich, J. (2018) The civic mission of MOOCs: Engagement across political differences in online forums. *International Journal of Artificial Intelligence in Education.* https://doi.org/10.1007/s40593-017-0161-0

Kindel, A.\*, Yeomans, M.\*, Reich, J., Stewart, B., & Tingley, D. (2017) Discourse: MOOC discussion forum analysis at scale. *Proceedings of the 2017 Learning @ Scale Conference,* Cambridge, MA.

Yeomans, M. \*& Reich, J. (2017) Planning prompts increase and forecast course completion in Massive Open Online Courses. *Proceedings of the 2017 Learning Analytics and Knowledge Conference,* Vancouver, Canada.

Kizilcec, R., Saltarelli, A., Reich, J., & Cohen, G. (2017) Closing the global achievement gap in MOOCs, *Science. 355*(6322), 251-252.

Reich, J. (2016) Research directions for the future of learning at scale. *The Bridge*, *National Academy of Engineering. 46*(3), 29-38.

Veletsianos, G., Reich, J., & Pasquini, L. (2016) The life vetween big data log events: Learners’ strategies to overcome challenges in MOOCs. *AERA Open. 2*(3), DOI: 10.1177/2332858416657002 **[2016 AERA Top 10 Most Read Paper; 2017** **Division of Distance Learning of the Association for Educational Technology & Communications Qualitative Based Journal Article Award]**

Robinson, C., Yeomans, M.\*, Reich, J., Hulleman, C., & Gehlbach, H. (2016) Forecasting student achievement in MOOCs with natural language processing*. Proceedings of the* *2016 Learning Analytics and Knowledge Conference*, Edinburgh, Scotland.

Reich, J., Stewart, B., Mavon, K.\*, Tingley, D. (2016) The Civic Mission of MOOCs: Measuring engagement across political differences in forums. *Proceedings of the 2016 Learning@Scale Conference*, Edinburgh, Scotland **[Best Paper Award]**

Hansen, J.D.\* & Reich, J. (2015). Democratizing education?: Examining access and usage patterns in massive open online courses. *Science, 350*(6265),1245-1248*.*

Miyamoto, Y.R.\*, Coleman, C., Williams, J.J., Whitehill, J., Nesterko, S., Reich, J. (2015). Beyond time-on-task: The relationship between spaced study and certification in MOOCs *Journal of Learning Analytics, 2*(2), 47-69.

Reich, J., Tingley, D., Leder-Luis, J., Roberts, M.E., Stewart, B.E. (2015). Computer-assisted reading and discovery for student-generated text in massive open online courses. *Journal of Learning Analytics, 2*(1), 156-184

Whitehill, J., Williams, J.J., Lopez, G., Coleman, C., Reich, J. (2015). Beyond prediction: First steps towards automatic intervention in MOOC student stopout. *Proceedings of the 2015 Educational Data Mining Conference*, 171-179**[Best Paper Nominee]**

Mullaney, T.\* & Reich, J. (2015). Staggered versus all-at-once content release in Massive Open Online Courses: Evaluating a natural experiment. *Proceedings of the Second ACM Conference on Learning@Scale*, 185-194

Lamb, A.\* Smilack, J., Ho, A.D., & Reich, J. (2015). Addressing common challenges in randomized experiments in MOOCs: A case study of encouraging discussion in JusticeX. *Proceedings of the Second ACM Conference on Learning@Scale,* 21-30.

Hansen, J.\* & Reich, J. (2015). Demographics in MOOCs: Exploiting public datasets for estimates and comparisons. *Proceedings of the Fifth Learning Analytics and Knowledge 2015 Conference*, 59-63

Reich, J. (2015). Rebooting MOOC research. *Science.* *347(6217),* 30-31.

Reich, J. (2014). MOOC completion and retention in the context of student intent. *Educause Review Online*. Retrieved from <http://www.educause.edu/ero/article/mooc-completion-and-retention-context-student-intent>

Nesterko, S., Seaton, D.T., Reich, J., McIntyre, J., Han, Q., Chuang, I., Ho, A. (2014) Due dates in MOOCs: Does stricter mean better? *Proceedings of the First ACM Conference on Learning@Scale*, 193-194.

Seaton, D. T., Nesterko S., Mullaney T., Reich J., & Ho A. (2014). Characterizing video use in the catalogue of MITx MOOCs. *eLearning Papers, 37(4)*, 33-41.

Davis, K., Reich, J., James, C. (2014). The changing landscape of peer aggression: A literature review on cyberbullying and interventions. *Journal of Youth Development, 9(1),* 129-142*.*

Reich, J., Murnane, R.J., & Willett, J.B. (2012). The state of wiki usage in U.S., K-12 schools: Leveraging Web 2.0 data warehouses to assess quality and equity in online learning environments. *Educational Researcher, 41*(1), 7-15. doi: 10.3102/0013189X11427083

Reich, J., Levinson, M., & Johnston, W. (2011). Using online social networks to foster preservice teachers’ membership in a networked community of praxis. *Contemporary Issues in Technology and Teacher Education, 11*(4). Retrieved from [http://www.citejournal.org/vol11/iss4/socialstudies/article1.cfm](http://www.citejournal.org/vol11/iss3/socialstudies/article1.cfm)

Reich, J., & Daccord T. (2009). Designing student centered learning projects with Shneiderman’s *Collect-Relate-Create-Donate* framework: The day in the life of a teenage hobo project. *Social Education, 73*(3), 140-146*.*

Reich, J. (2007). Conflict and identity: Using contemporary essential questions to guide our study of the past. *World History Connected*, *4*(2).

Reich, J. (2001). Re-creating the wilderness: Shaping narratives and landscapes in Shenandoah National Park. *Environmental History*, *6*(2), 95-112.

**Invited Articles and Opinion Writings:**

Reich, J. (2020) A crisis management system for education leaders. <https://www.edweek.org/ew/articles/2020/04/24/a-crisis-management-system-for-education-leaders.html>

Reich, J. (2020) Keep it simple, schools. *Educational Leadership*. 77*,* 2-5.[http://www.ascd.org/publications/educational-leadership/summer20/vol77/num10/Keep-It-Simple,-Schools.aspx](http://www.ascd.org/publications/educational-leadership/summer20/vol77/num10/Keep-It-Simple%2C-Schools.aspx)

Reich, J. (2019) Lifelong learning in the digital age. *Professional Educator. 2*(19), 22-25.

Reich, J. (2019) Teaching our way to digital equity. *Educational Leadership. 79*(5), 30-35.

Reich, J. (2018) The second digital divide: Privileged usage of educational technologies. *WISE ed.review*. Retrieved from <https://www.wise-qatar.org/second-digital-divide-privileged-usage-educational-technologies>

Reich, J. & Ito, M (2017) From good intentions to real outcomes: Equity by design in learning technologies. *The John D. and Catherine T. MacArthur Foundation Reports on Digital Media and Learning.* Retrieved from <https://clalliance.org/wp-content/uploads/2017/10/GIROreport_v3_complete.pdf>

Reich, J. (2015). Can text messages and interventions nudge students through school. *Mindshift*. Retrieved from <http://ww2.kqed.org/mindshift/2015/06/03/can-text-messages-and-interventions-nudge-students-through-school/>.

Daccord, T. & Reich, J. (2015). How to transform teaching—with tablets. *Educational Leadership*, *72*(8), 19-23.

Reich J. (2015, February 13) Techniques for unleashing students work from learning management systems. *Mindshift*. Retrieved from <http://blogs.kqed.org/mindshift/2015/02/techniques-for-unleashing-student-work-from-learning-management-systems/>

Daries, J., Reich, J., Waldo, J., Young, E., Whittinghill, J., Seaton, D.T., Ho, A.D., Chuang, I. (2014) Privacy, anonymity, and big data in the social sciences. *Communications of the Association for Computing Machinery, 57*(9). <http://m.cacm.acm.org/magazines/2014/9/177926-privacy-anonymity-and-big-data-in-the-social-sciences/fulltext>

Reich, J. & Stevens, M. (2014, July 11). Hard questions about big data. *Inside Higher Ed.* <http://www.insidehighered.com/views/2014/07/11/facebook-study-raises-hard-questions-about-use-big-data-higher-ed-essay#sthash.SpMtuZVh.72CGMWxz.dpbs>

Reich, J. (2014, July 8). Will computers ever replace teachers? *New Yorker: Elements.* <http://www.newyorker.com/online/blogs/elements/2014/07/will-computers-ever-replace-teachers.html>

Reich, J. and Ho, A. (2014, January 23). The tricky task of figuring out what makes a MOOC successful. *The Atlantic.* <http://www.theatlantic.com/education/archive/2014/01/the-tricky-task-of-figuring-out-what-makes-a-mooc-successful/283274/>

Reich, J. & Holland, B. (2013, August 27) How tablets can enable meaningful connections for students and teachers. *MindShift.* Retrieved from <http://blogs.kqed.org/mindshift/2013/08/how-tablets-can-enable-meaningful-connections-for-students-and-teachers/>

Reich, J. & Holland, B. (2013, July 22) The iPad as a tool for Creation to strengthen learning. *MindShift*. Retrieved from <http://blogs.kqed.org/mindshift/2013/07/potential-and-reality-the-ipad-as-a-tool-for-creation/>.

Reich, J. & Holland, B. (2013, June 11) To get the most out of tablets, use smart curation. *MindShift*. Retrieved from <http://blogs.kqed.org/mindshift/2013/06/to-get-the-best-out-of-tablets-for-education-classrooms-use-smart-curation/>.

Reich, J. (2013, May 8). The future of tablets in education: Potential vs. reality of consuming media. *MindShift.* Retrieved from <http://blogs.kqed.org/mindshift/2013/05/the-future-of-tablets-in-education-potential-vs-reality/>.

Reich, J. and Callahan, D. (2012, September/October). Tired of PD? Try an Edcamp. *Harvard Education Letter*. <http://www.hepg.org/hel/article/549>

Reich, J. (2012, May 22). Let’s use technology to support ‘Creative Agency’ classrooms. *Education Week.* [*http://www.edweek.org/ew/articles/2012/05/23/32reich.h31.html*](http://www.edweek.org/ew/articles/2012/05/23/32reich.h31.html)

Reich, J. (2012). Online spaces for civic education: Connecting diverse students online. *Educational Leadership* 70(6). Retrieved from <http://www.ascd.org/publications/educational-leadership/mar13/vol70/num06/Civic-Education-in-the-Online-Space.aspx>.

Reich, J. (2011, November 14). Thoughts on digital equity. *Headlines: Harvard Graduate School of Education.* <http://www.gse.harvard.edu/news-impact/2011/11/thoughts-on-digital-equity-justin-reich/>

Reich, J. (2009, July 11). In schools, a firewall that works too well. *Washington Post.* <http://www.washingtonpost.com/wp-dyn/content/article/2009/07/10/AR2009071003459.html>.

Reich, J., & Daccord, T. (2009). Empowering students as editors using hidden features in Microsoft Word. *OnCUE*, *the journal of the Massachusetts Computer Using Educator*s.

Reich, J., & and Daccord, T. (2009). Empowering teacher leaders: A cohort model of education technology professional development. *OnCUE*, *the journal of the Massachusetts Computer Using Educator*s.

Reich, J. (2008, May 13). Turn teen texting toward better writing. *Christian Science Monitor.* <http://www.csmonitor.com/2008/0513/p09s02-coop.html>.

Reich, J. (2008, May 2). Fertile time for the written word. Letter to the editor. *Boston Globe*. <http://www.boston.com/bostonglobe/editorial_opinion/letters/articles/2008/05/02/fertile_time_for_the_written_word/>.

Reich, J. (2008). Reworking the Web, reworking the world: How Web 2.0 is changing our society. In FutureLab Challenge Project No. 2, Haste, H. (Ed.). <http://www.beyondcurrenthorizons.org.uk/reworking-the-web-reworking-the-world-how-web-20-is-changing-our-society/>.

Reich, J. (2007, September 14). Memo to college students: Shut laptops, open your minds. *Worcester Telegram and Gazette*. <http://www.telegram.com/article/20070914/NEWS/709140425>.

Reich, J. (2007, May 15) Laptops in the classroom: Mend it, don’t end it. *Christian Science Monitor.* <http://www.csmonitor.com/2007/0515/p09s01-coop.html>.

Reich, J. (2007, January 24) On the perils of striving for elite colleges. *Providence Journal.* [http://www.projo.com/opinion/contributors/content/CT\_reich24\_01-24-07\_KC3UB09.4e95cbe.html#](http://www.projo.com/opinion/contributors/content/CT_reich24_01-24-07_KC3UB09.4e95cbe.html).

**Book Chapters:**

Reich, J. (Forthcoming). Learning analytics and learning at scale. In Lang, C., Gasevic, D. & Siemens, G (Eds) *Handbook of Learning Analytics*. SOLAR.

Reich, J (2018). Confronting the paucity of collaborative behavior: Using large-scale content analysis to define and measure student collaboration in U.S., K-12 wikis In Rud, A.G. & Adesope, O. (Eds) *Contemporary Technologies in Education: Maximizing Student Engagement, Motivation, and Learning,* NY: Palgrave-McMillan

Reich, J., Romer, A., & Barr, D. (2014). Dialogue across difference: A case study of Facing History and Ourselves’ Digital Media Innovation Network. In Middaugh, E. & Kirshner B. (Eds.), *#youthaction: Becoming Political in a Digital Age*, Charlotte, N.C.: Information Age.

Honenberger, P., Megill, A., Dukes, J., Reich, J., “Norman, J.”, Shepard, S., & Bracken, H. (2014) Abductive inference and historiography: A conversation for historians and philosophers. In Bondi, D. and Fusaro, D, (Eds.), *Manifesto per una nuova filosofia della storia* Milan: Mimesis.

Valdez, D., Reich J., & Berson, M. (2010). Social Studies in 2035. In Berson, M. & Diez, R. (Eds.), *Technology in Retrospect*, Charlotte, N.C.: Information Age.

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**Public Media:**

Reich, J. *TeachLab Podcast*. (2019- ) <https://teachlabpodcast.com>

Reich, J. EdTechResearcher. (2012-2018) *Education Week*. <http://blogs.edweek.org/edweek/edtechresearcher>

**White Papers and Technical Reports:**

Reich, J. & Mehta, J.. (July 3, 2020). *Imagining September: Online Design Charrettes for Fall 2020 Planning with Students and Stakeholders.* <https://edarxiv.org/gqa2w>

Reich, Justin & Mehta, J. (July 3, 2020). *Imagining September: Online Design Charrettes for Fall 2020 Planning with Students and Stakeholders.* <https://edarxiv.org/ufr4q>

Reich, J. et al (2020). Remote Learning Guidance from State Education Agencies during the COVID-19 Pandemic: A First Look. <https://edarxiv.org/437e2>

Reich, J and the Teaching Systems Lab. (2019) *Teaching Systems Lab MOOCs In review*: 2017-2019. <https://edarxiv.org/c3bhw/>

Littenberg-Tobias, J., Huttner-Loan, E., Hirsch, K., Machson-Carter, A., Beazley, G., & Reich, J. (2019) *Competency Based Learning: The What, Why, and How: In review 2019.* <https://edarxiv.org/kuy72>

Napier, A., Huttner-Loan, E., Littenberg-Tobias, J., Beazley, G., & Reich, J. (2018). *Envisioning the Graduate of the Future: In review 2018*. <https://doi.org/10.31235/osf.io/n7kqs>

Huttner-Loan, E.\*, Napier, A.\*, Grubb, R.\*, Beazley, G.\*,& Reich, J. (2017) *Launching Innovation in Schools: In review*. Retrieved from SocArxiv: <https://osf.io/preprints/socarxiv/dbmry/>.

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Ho, A. D., Reich, J., Nesterko, S., Seaton, D. T., Mullaney, T., Waldo, J., & Chuang, I. (2014). *HarvardX and MITx: The first year of open online courses.* (HarvardX and MITx Working Paper No. 1). Retrieved from Social Science Research Network: <http://dx.doi.org/10.2139/ssrn.2381263> [Top 500 SSRN Download]

Reich, J., Nesterko, S., Seaton, D.T., Mullaney, T., Waldo, J., Chuang, I., and Ho, A.D. (2014) *PH207x: Health in Numbers & PH278x: Human Health and Global Environmental Change - 2012-2013 course report.* (HarvardX Working Paper No. 2). Retrieved from Social Science Research Network: <http://dx.doi.org/10.2139/ssrn.2382242>

Reich, J., Emanuel, J., Nesterko, S., Seaton, D.T., Mullaney, T., Waldo, J., Chuang, I., and Ho, A.D. (2014) *HeroesX: The Ancient Greek Hero: Spring 2013 course report.* (HarvardX Working Paper No. 3). Retrieved from Social Science Research Network: <http://dx.doi.org/10.2139/ssrn.2382246>

Reich, J., Nesterko, S., Seaton, D.T., Mullaney, T., Waldo, J., Chuang, I., and Ho, A.D. (2014) *ER22x: JusticeX - Spring 2013 course report.* (HarvardX Working Paper No. 4). Retrieved from Social Science Research Network: <http://dx.doi.org/10.2139/ssrn.2382248>

Reich, J. (2013) *Confronting the Paucity of Collaborative Behavior: Using Large-Scale Content Analysis to Define and Measure Student Collaboration in U.S., K-12 Wikis* (White Paper) Retrieved from Social Science Research Network: [http://ssrn.com/abstract=2210949](http://ssrn.com/abstract%3D2210949)

Reich, J. (2012) *The state of wiki usage in U.S. K-12 schools: A summary for educators.* (White Paper) Retrieved from Social Science Research Network: [http://ssrn.com/abstract=2193097](http://ssrn.com/abstract%3D2193097)

Reich, J. (2012) *The Wiki Quality Instrument: Coding manual, training guidelines, and coding protocols* (Technical Report). Retrieved from Social Science Research Network: [http://ssrn.com/abstract=2076543](http://ssrn.com/abstract%3D2076543)

Reich, J (2012) *The Wiki Quality Instrument: The development of the Wiki Quality Instrument and its protocols* (Technical Report). Retrieved from Social Science Research Network: [http://ssrn.com/abstract=2078155](http://ssrn.com/abstract%3D2078155)

Reich, J (2012) *The Wiki Quality Instrument: Adaptation guidelines for educators and researchers* (Technical Report). Retrieved from Social Science Research Network: [http://ssrn.com/abstract=2078176](http://ssrn.com/abstract%3D2078176)

**PRESENTATIONS**

**Refereed Conference Presentations:**

Larke, L.\*, Hillaire, G.\*, Dutt, R., Rose, C., & Reich, J. (2020, June). *Cognitive Dissonance and Equity: Designing Digital Simulations for K-12 Computer Science Teacher Education.* Presented at the 2020 International Conference on the Learning Sciences, Nashville, TN.

Wang, X., Thompson, M., Yang, K., Roy, D., Koedinger, K., Rose, C., & Reich, J. (2020, June). *Practice-Based Teacher Education with ELK: A Role-Playing Simulation for Eliciting Learner Knowledge.* Presented at the 2020 International Conference on the Learning Sciences, Nashville, TN.

Reisman, A., Reich, J., et al (2020, June). *Designing Online Experiences to Support Teacher Learning and Professional Development Across Subject Areas.* Presented at the 2020 International Conference on the Learning Sciences, Nashville, TN.

Kessner, T., Littenberg-Tobias, J.\*, Kennett, K., Kaka, S., Francis, T., Marvez, G.R.\*, Smith, E.\*, Reich, J. (2020, June). *Facilitating Discussion of Controversial Issues: Digital Practice Space.* Presented at the 2020 International Conference on the Learning Sciences, Nashville, TN..

Littenberg-Tobias, J.\*, Marvez, G.R.\*, Cohen, A., and Reich, J. (2020, April). *Studying Educators’ Strategies for Discussing Controversial Issues in a Web-Based Professional Learning Simulation*. Accepted at the 2020 American Educational Research Association Conference, San Francisco, CA.

Hillaire, G.\*, Thompson, M.\*, Symonette, D.\*, and Reich, J. (2020, April). *Examining the experience and expression of students using practice spaces for the interplay of cognitive dissonance and mixed emotion.* Accepted at the 2020 American Educational Research Association Conference, San Francisco, CA.

Hillaire, G.\*, Slama, R.\* & Reich, J. (2020, April). Digital Storytelling through authoring simulations with Teacher Moments. Presented at the 2020 Society for Information Technology and Teacher Education Conference, New Orleans, LA

Reich, J.🕆, Kizilcec, R. 🕆, Yeomans, M. 🕆, Brunskill, E., Dann, C., Tingley, D. (2019, November). *The limits of scalable interventions: Evidence from 248 ​online courses*. Presented at the 2019 Conference on Digital Experiments, Cambridge, MA

Aparcio, A\* & Reich, J. (2019, September) *Voices heard and unheard: Practicing equity in managing whole class discussions.* Presented at the 2019 Connected Learning Summit, University of California, Irvine.

Littenberg-Tobias, J.\*, Hutter-Loan, E.\*, Napier, A\*., Glenwerks, C\*., Reich, J. (2019, April) *Designing professional learning MOOCs for educators: Evidence from two online courses.* Paper presented at the 2019 Annual Meeting of American Educational Research Association, Toronto, CA.

Reich, J., Kim, Y.J.\*, Gaydos, M.\* (2019, April) *Using AI-based transcription to enrich feedback and debriefing practices in teacher education simulations.* Presented at the 2019 American Educational Research Association Conference, Toronto, ON

Robinson, K.\* & Reich J. (2019, April) *Using online practice spaces to investigate challenges in enacting principles of equitable Computer Science teaching.w* Presented at the 2019 American Educational Research Association Conference, Toronto, ON

Littenberg-Tobias, J.\*, Aparacio, A.\*, Reich J. (2019, March). *Playing with and creating practice spaces for equitable teaching.* Workshop presented at the 2019 ACM SIG Computer Science Education, Minneapolis, MN.

Littenberg-Tobias, J.\*, Robinson, K.\*, Thompson, M.\*, Reich, J. (2019, February).*Exploring technology-mediated equity practices space: The examples of Swipe Right for CS and Teacher Moments.* Paper presented at the annual meeting of the American Association of Colleges for Teacher Education, Lexington, KY.

Littenberg-Tobias, J.\*, Reich, J. (2018, September). *“Yeah I know this”: Student experience with alternative credentials in a blended MicroMasters program.* Presented at the 2018 Learning with MOOCs Summit, Madrid, Spain.

Rupierez Valiente, J.\*, Reich, J. (2018, September). *Participation of the Arab world in MOOCs: A retrospective analysis of the MITx MOOC portfolio*. Presented at the 2018 Learning with MOOCs Summit, Madrid, Spain.

Huttner-Loan, E.\*, Reich, J. (2018, September). *Making a Creative Commons MOOC: Challenges and opportunities*. Presented at the 2018 Learning with MOOCs Summit, Madrid, Spain.

Reich, J. & Pinkard, N. (2018, August) *The books we need: The Learning in Large-Scale Environments Series from MIT Press.* Presented at the Connected Learning Summit, Cambridge, MA.

Littenberg-Tobias, J.\* & Reich, J. (2018, June) *"Yeah, I know this": Student experiences with alternative credentials in a blended MicroMasters program.* Presented at the HybridEd Workshop 2018: Successful and Promising Experiences in Blended Learning with MOOCs

Kim, Y.J.\*, Kellinger, J.J., Jain, R., Haas, J.\*, Bauer, M., Rosenheck, L.\*, Murai, Y., Reich, J. (2018, April) *Playful practice spaces, Innovative approaches to next generation teacher education.* Presented at the American Educational Research Association Annual Meeting, New York, NY.

Reich, J. & van der Zee, T.\* (2018, April) *Innovations in scholarly publishing: Registered reports for hypothesis-driven research.* Presented at the American Educational Research Association Annual Meeting, New York, NY.

Thompson, M.,\* Roy, D.\*, Wong, T.\*, Reich, J., Klopfer, E. (2018, March) *Moving from diagnosis to understanding students ideas through the game of Eliciting Learning Knowledge (ELK)*. Presented at the National Association for Research in Science Teaching, Atlanta, GA.

Reich, J. & Robinson, K.\* (2018, March) *TeacherMoments and the Future of technology-mediated teacher practice spaces.* Presented at the American Association of Colleges of Teacher Education Conference, Baltimore, MD.

Huttner-Loan, E.\*, Napier, A.\*, & Reich, J. (2017, October) *Developing collaborative professional competencies through online learning: Design principles from school leadership MOOCs*. Presented at the Learning with MOOCs Conference, Austin, TX.

Napier, A.\*, Huttner-Loan, E.\*, Sims, B.\*, & Reich, J. (2017, October) *Considering the impact of partial self-pacing in a Design Thinking MOOC: Inviting learner choice and voice.* Presented at the Learning with MOOCs Conference, Austin, TX.

Kim, Y.J.\*, Robinson, K.\*, Thompson, M.\*, & Reich. J. (2017, July) *Teachers’ cultural competency: Media interactive case studies as a Low-stakes practice space.* Presented at the Computer Supported Collaborative Learning Conference, Pittsburgh, PA.

Pershan, M.\* Kim, Y.J.\*, Thompson, M.\*, & Reich, J. (2017, April)  *A design-based approach to developing a game for student work analysis.* Presented at the National Council for Teachers of Mathematics Research Conference, San Antonio, TX.

Kim, Y.J.\*, Robinson, K.\*, & Reich, J. (2017, March) *Low-stake practice space for teachers: Media Interactive Case Studies.* Presented at the 2017 Society for Information Technology and Teacher Education Conference, Austin, TX.

Haas, J.\*, Thompson, M.\*, Kim, Y.J.\*, & Reich, J. (2017, March) *Committee of N: A design-based game for teaching education history and policy.* Presented at the 2017 Society for Information Technology and Teacher Education Conference, Austin, TX.

Thompson, M.\*, Kim, Y.J.\*, & Reich, J. (2017, March) *Baldermath: A bluff the judge game for looking at student work in mathematics*. Presented at the 2017 Society for Information Technology and Teacher Education Conference, Austin, TX.

Thompson, M.\*, Roy, D.\*, Wong, T.\*, Tan, P., Huttner-Loan, E.\*, & Reich, J. (2017, March) *Online practice for preservice teachers to elicit students’ preconceptions.* Presented at the 2017 Society for Information Technology and Teacher Education Conference, Austin, TX.

Yeomans, M.\*, & Reich, J. (2016, November) *Planning to Learn: Unpacking a natural language nudge for MOOCs*. Presented at the 2016 Society for Judgment for Decision Making, Boston, MA.

Yeomans, M\*., & Reich, J. (2016, October) *Planning to Learn: Unpacking a natural language nudge for MOOCs*. Presented at the 2016 Advances in Field Experiments Conference, Chicago, IL.

\*Haas, J., Reich, J., Feely, C., Klopfer, E. (2016, July) *Committee of N: A card fame for school (re)design*. Presented at the 2016 Games, Learning and Society Conference, Madison, Wisconsin.

Robinson, C., Yeomans, M., Reich, J., Hulleman, C., & Gehlbach, H. (2016, April) *Forecasting student achievement in MOOCs with natural language processing.* Poster presented at the 2016 American Educational Research Association Annual Meeting, Washington, D.C.

Veletsianos, G., Pasquini, L., Stewart, B. & Reich, J. *How learners confront challenges in MOOCs: A qualitative investigation.* (2016, April) Presented at the 2016 American Educational Research Association Annual Meeting, Washington, D.C.

Veletsianos, G., Pasquini, L., & Reich, J. (2015, October) *Learner challenges and strategies to overcome them: An illustration of what big data is missing about learning.* Presented at the 2015 Digital Learning Research Network Conference, Stanford, CA.

Hansen, J.\* & Reich J., (2015, April) *Democratizing education or widening gaps? Demographics and student outcomes in massive open online courses (MOOCs).* Presented at the 2015 Annual Meeting of the American Educational Researchers Association, Chicago, IL.

Williams, J.J., Ostrow, K., Xiong, X., Glassman, E., Kim, J., Maldonado, S., Reich J., Heffernan, N. *Using and designing platforms for in vivo educational experiments*. (2015, February) Work-in-progress presentation at the Second ACM Learning@Scale Conference, Vancouver, BC.

Williams, J. J., Krause, M., Paritosh, P., Whitehill, J., Reich, J., Kim, J., Mitros, P., Heffernan, N., & Keegan, B. C. (2015, February). *Connecting collaborative & crowd work with online education.* Workshop conducted at the 18th ACM Conference on Computer Supported Cooperative Work and Social Computing. Vancouver, BC.

Reich J., (2014, August) *Four types of MOOC research*. Presented at the 2014 Learning with MOOCs Conference, Cambridge, MA.

Reich J., Romer, A., Barr, D. (2014, April) *Dialogue across difference: A case study of Facing History and Ourselves’ Digital Media Innovation Network*. Presented at the 2014 American Educational Research Association Annual Meeting, Philadelphia, PN.

Reich, J., Fisher, W., Cox, D., Levy, N., Oertelt, N. (2014, March) *The path, the pocket, and the party: Learner-centered innovation in open online learning*. Presented at the 2014 Digital Media and Learning Conference, Boston, MA.

Seaton, D., Nesterko, S., Reich, J., Mullaney, T., Ho, A., Chuang, I. (2014, February). *Characterizing video use in the catalogue of MITx MOOCs*. Presented at EMOOCs 2014, the Second MOOC European Stakeholders Summit, Lausanne, Switzerland.

Nesterko, S., Dostenko, S., Hu, Q., Seaton, D., Reich, J., Chuang, I., Ho, A. (2013, December). *Evaluating geographic data in MOOCs*. Presented at the Neural Information Processing Systems Workshop on Data Driven Education, Lake Tahoe, NV.

Reich, J. (2013, April). *Four faces of personalization*. Presented at the 2013 Deeper Learning Conference, San Diego, CA.

Reich, J. (2013, April). *Design principles for digital equity: Putting the cathedral and the bazaar in the service social justice*. Presented at the American Educational Research Association Annual Meeting, San Francisco, CA.

Reich, J (2013, March). *Connected learning and the unclear road to equity.* Ignite talk at the MacArthur Digital Media and Learning Conference, Chicago, IL.

Reich, J., Oberman, B., Matthews-Wall, P. (2013, March). *Connected learning for civic education: How Facing History and Ourselves reaches teachers, students, and the public at events, in libraries, in classrooms, and online*. Panel at the MacArthur Digital Media and Learning Conference, Chicago, IL.

Reich, J. (2012, October). *Opening the dissertation*. Paper presented at the Open Education Conference, Vancouver, Canada.

Reich, J. (2012, June). *Ignite Talk: Will free benefit the rich?: Fighting for technology equity.* Presented at the International Society for Technology in Education, San Diego, CA.

Reich, J., Murnane, R.J., Willett J.B. (2012, April). *Just posting in the same place: A taxonomy of collaborative behaviors on U.S. K-12 wikis.* Paper presented at the American Educational Research Association Annual Meeting, Vancouver, Canada.

Reich, J., Murnane, R.J., Willett J.B. (2012, April). *Are great classroom wikis born or made? Using continuous time data to model online community development.* Paper presented at the American Educational Research Association Annual Meeting, Vancouver, Canada.

Berson, M., Green, K., Bergstrom, T., Reich, J., & Daccord, T. (2011, December) *Mobile technologies in the social studies: Touch, type, transform.* Panel at the National Council of the Social Studies Conference, Washington, D.C.

Reich, J., Levinson, M., & Johnston, W. (2011, December). *Using online social networks to foster preservice teachers' membership in an online community of praxis.* Paper presented at the College and University Faculty Assembly of the National Council of the Social Studies Conference, Washington, D.C.

Reich, J. & Kirn, S. (2011, October). *Leveraging online open education platforms for meaningful evaluation of learning*. Panel presented at the Open Education Conference, Park City, UT.

Reich, J., Murnane R.J., & Willett, J.B. (2011, June). *The state of wiki usage in U.S. K-12 schools.*  Paper presented at the International Society for Technology in Education conference, Philadelphia, PA.

Reich, J., Murnane R.J., & Willett, J.B. (2011, June). *The state of wiki usage in U.S. K-12 schools.*  Paper presented at the American Education Research Association conference, Philadelphia, PA.

Reich, J., Murnane R.J., Willett, J.B. (2011, April). *Are great wikis born or made? Developing longitudinal quality trajectories in online learning environments*. Paper presented at the Harvard Graduate School of Education Student Research Conference, Cambridge, MA.

Reich, J., Tutwiler, S., Murnane, R.J., & Wilett, J.B. (2011, April). *“Just that they'd followed the directions”: Comparing wiki assessment criteria and 21st century skill domains.* Paper presented at the American Education Research Association, New Orleans, LA.

Reich, J. (2011, March). *Scalable, Real-Time, Individual Behavior and Learning (SCRIBL) Data in Web 2.0 environments: A wiki case study*. Paper presented at the Cyberlearning Tools for STEM Education Conference, Berkeley, CA.

Reich, J. (2010, November). *What if the Committees of N had no effect?: The history of general history instruction in Boston.* Paper presented at the History of Education Society Annual Meeting, Boston, MA.

Reich, J., Murnane, R.J., & Willett J.B. (2010, November). *The state of wiki usage in the social studies.* Paper presented at the College and University Faculty Association of the National Council for the Social Studies, Denver, CO.

Reich, J., Murnane, R.J., & Willett J.B. (2010, November). *Can schools serving diverse populations benefit equitably from free online tools and resources? A mixed-methods case study of K-12 wiki learning environments.* Paper presented at the Association of Public Policy Analysis and Management Fall Meeting, Boston, MA.

Reich, J., Rolle, S., Collier, A., Hunt, B., Sheehy, P., & Valenza, J. (2010, June) *Unblocking the Web to unlock learning.* Panel presented at the International Society for Technology in Education Conference, Denver, CO.

Reich, J., Murnane, R.J., & Willett J.B. (2010, March). *Assessing the second digital divide of usage in K-12 wikis*. Paper presented at the Harvard Graduate School of Education Student Research Conference, Cambridge, MA.

Davis, K., Gilbert, S., & Reich, J. (2010, February) *Ensuring excellence and equity in the design and implementation of new media literacy curricula*. Presented at the Digital Media and Learning Conference at San Diego University, San Diego, CA.

Berson, M., O’Brian, J., Bennett, L., Sheffield, C., Daccord, T. (2009, November) *Social networks in the social studies,* Session Chair at the National Council for the Social Studies Annual Conference, Atlanta, GA.

Reich, J. (2009, November). *Chart and compass: General History textbooks and instruction in Boston, 1821-1923.* Paper Presented at the College and University Faculty Association of the National Council for the Social Studies, Atlanta, GA.

Reich, J. (2009, November). *The past is prologue: History of World History instruction,* Paperpresented at the International Assembly of the National Council for the Social Studies, Atlanta, GA.

Reich, J. (2009, June). *Enduring models of general history instruction, 1821-1923.* Paper presented at the World History Association Conference, Salem, MA.

Reich, J. (2009, March). *The history of general history instruction in Boston*, *1821-1923*. Paper presented at the Harvard Graduate School of Education Student Research Conference, Cambridge, MA.

Reich, J. (2008, March). *Teaching for conversational fluency in history and the social studies.* Paperpresented at the Harvard Graduate School of Education Student Research Conference, Cambridge, MA.

Reich, J. (2006, October). *Conflict and identity: Using contemporary essential questions to guide our study of the past.* Paper presented at the Mid-Atlantic World History Association Conference, East Stroudsburg, PA.

Reich, J. (2006, October). *Teaching history with technology.* Presented at the Mid-Atlantic World History Association Conference, East Stroudsburg, PA.

**Invited Lectures, Panels, and Keynote Addresses:**

*What we KNOW about how students learn online*. Poynter Institute Teachapalooza. Online. (July 2020).

*What Makes a High-Quality Remote or Hybrid Learning Program?* With Jal Mehta and Neema Avashia.EducationNow: Harvard Graduate School of Education. Online. (July 2020).

*Excellence and Equity in K-12 Remote Learning*. ACM Learning@Scale and Jameel World Education Lab Webinar Series. Online (June 2020).

*Teaching Remotely During Covid-19 with Prof. Justin Reich*. With Sarah Hansen. Chalk Radio from MIT OpenCourseWare. Online. (May 2020).

*Remote Learning Guidance from State Education Agencies During the COVID-19 Pandemic*. With Martin West. MIT Teaching Systems Lab Webinar. Online. (April 2020)

*Online Learning in the Age of COVID-19*. Jameel World Education Lab*.* MIT. Online. (April 2020)

*Scaling Up Behavioral Interventions in Online Education.* With Rene Kizilcec.Education Data Science Conference, Institute for Research in the Social Sciences, Stanford, CA. (April 2020-COVID 19 postponed).

*Beyond “No Significant Differences”: A Reckoning for Race, Advantage, and Online Learning: The 2019 Division C Jan Hawkins Award Lecture for Humanistic Contributions to Learning Science.* American Education Research Association Annual Meeting. (April 2020-COVID 19 postponed).

*School Closures and Online Learning: Creating Community, Centering Students.* With Laura Tavares. *Facing History and Ourselves.* Online(March 2020).

*Scaling Up Behavioral Science Interventions in Online Education.* Carnegie Mellon University Human Computer Interaction Institute, Pittsburgh, PA. (February 2020)

*From EdTech to MOOCs to Practice-Based Teacher Education :Applying Lessons Learned from 15 Years of Education Technology Practice and Research.* Worcester Polytechnical Institute, Worcester, MA (November 2019)

*INSPIRE CS-AI: Innovative New Spaces for Practice and Rehearsal in Teacher Education in Computer Science with Artificial Intelligence*. 2019 Teaching AI in K12 Symposium, Arlington, VA. (November 2019).

*Launching Innovation in Schools.* Nueva Innovation Learning Conference. Nueva School, San Mateo, CA. (October 2019).

*Evolution of technologies for learning: Promises, Potential, Reality.* Inter-American Development Bank Seminar on Learning Technologies, Washington, DC. (October 2019).

*Four As-Yet Intractable Dilemmas in Learning @ Scale:* Blended Learning Research Program, Copenhagen Business School, Copenhagen, Denmark. (September 2019).

*Keynote: Beyond “No Significant Differences”: A Reckoning for Race, Advantage, and Online Learning.* International Association for Research on Textbooks and Educational Media. Odense, Denmark (September 2019).

*Keynote:* *Competency-Based Learning.* Global Online Academy Learning Design Summit, Alexandria, VA. (June 2019).

*From Good Intentions to Real Outcomes: Equity by Design in Learning Technologies*. Presented at the Boston University Learning Science Speaker Series, Boston, MA (April 2019).

*Launching Innovation in Schools:* Presented at the Innovation in Education Conference from the Winsor Central Supervisory Union. Woodstock, VT (April 2019).

*Launching Innovation in Schools:* Presented at Jameel World Education Lab Learning Weeks, MIT, Cambridge, MA (April 2019).

*Keynote: Four Shifts for the Future.* EdTechTeacher Innovation in Education Conference, San Diego, CA (February 2019).

*Playful Rehearsal: Teacher Practice Spaces*. EdTechTeacher Summit, Boston, MA (November 2018).

*Four Shifts for the Future*. EdTechTeacher Summit, Boston, MA (November 2018).

*Envisioning the Graduate of the Future.* MIT Jameel World Education Lab PK-12 Consortium Learning Week, Cambridge, MA (October 2018).

*Keynote: Four Shifts for the Future.* Old Rochester District Professional Development Conference, Mattapoisset, MA (September 2018).

*Keynote: Launching Innovation in Schools.* Presented at the Nord Anglia Leadership Summit, Lausanne, CH (September 2018).

*Measuring Learning Beyond the MOOC.* Presented at the Information Systems Seminar Series, HEC, Paris, France (September 2018).

*Keynote: Launching Innovation in Schools.* Presented at the NEXTschool Summer Institute, McGill University, Montreal, QC (July 2018).

*Teaching Metrics Panel*. Presented with Dustin Tingley and Barbara Brittingham at the QS Edudata Summit, MIT, Cambridge, MA (June 2018).

*Measuring Learning Beyond the MOOC.* Presented at the CharlesRiverX Series, Harvard University, Cambridge, MA (May 2018).

*Are Students Learning What We Are Teaching?* Presented at the Hasso Plattner Institut MOOC Symposium. New York, NY (April 2018).

*Keynote: Building Community Engagement: Graduates of the Future:* Presented at the Innovation in Education Conference from the Winsor Central Supervisory Union. Woodstock, VT (April 2018).

*Keynote: Envisioning the Graduate of the Future.* Presented at the Massachusetts Education Technology Administrators Association Annual Meeting. Milford, MA (March 2018).

*Keynote: Instrumenting Outcomes Beyond the MOOC*. Presented at the Northeast Big Data Spoke Meeting at MIT, Cambridge, MA (February 2018).

*From Good Intentions to Real Outcomes*: *Equity by Design in Learning Technologies.* Presented at the Learning Lab, Carnegie Mellon University, Pittsburgh, PA (February 2018).

*Developing the Teachers and Leaders to Change K-12 Education*. Presented with Barbara Treacy, Jeinnfer Kabaker, Jesse Rector, and Mary Ann Wolf at the LearnLaunch-MIT Across Boundaries Conference, Boston, MA (February 2018).

*Envisioning the Graduate of the Future*. Presented at the EdTechTeacher Innovation Summit, Palm Springs, CA (January 2018).

*Keynote*: *Launching Innovation in Schools.* Presented at the Holliston Professional Development Conference, Holliston, MA (January 2018).

*Keynote: Tomorrows Learning Today: Paradigm Shifts in the Future of Learning*. Presented at the 2017 EduTECH Middle East Conference, Dubai, UAE (November 2017).

*Launching Innovation in Schools*. Presented at the 2017 BETT Asia Conference, Kuala Lumpur, Malaysia (November, 2017).

*Playful Practice: Designing the Future of Teacher Learning.* Presented at the Jameel World Education Lab Learning Week at MIT, Cambridge, MA (October 2017).

*Playful Practice: Designing the Future of Teacher Learning.* Presented at the MIT Comparative Media Studies/Writing Colloquium, Cambridge, MA (September 2017).

*When Open Does Not Equal Equitable*. Presented at the Association for Computing Machinery Education Council Meeting, Cambridge, MA (August 2017).

*Keynote: Four Shifts for the Future of Learning*. Presented at Owasso Faculty Retreat, Owasso, OK, (August 2017).

*Launching Innovation in Schools*. Presented at the Florida Council of Independent Schools Administrators Retreat. Tampa, FL. (July 2017).

*Four Shifts in the Future of Learning.* Presented at the Nord Anglia Teachers Retreat at the MIT Museum, Cambridge, MA. (June 2017)

*Launching Innovation in Schools*, Presented at the Florida Council of Independent Schools Head of School Retreat. Hammock Beach, FL. (June 2017).

*Online Learning for Onland Professional Competencies*. Presented at the MITx SIG Meeting, Cambridge, MA (May 2017).

*Design Principles for Digital Equity.* Presented at the From Good Intentions to Real Outcomes: Equity by Design in Learning Technologies Salon, Google, Mountain View, CA. (May 2017).

*Keynote: Four Shifts for the Future of Learning*. Presented at Medfield Public Schools Digital Learning Day, Medfield, MA. (March 2017).

*Early Intervention to Support Online Learners*. Presented at the Delft Data Science and Education Seminar, Delft, Netherlands. (March 2017)

*Four Faces of Personalization*. Presented at the Learning Environment for Tomorrow workshop at the Harvard Graduate School of Education, Cambridge, MA. (March 2017).

*Launching Innovation in Schools.* Presented at the EdTechTeacher Innovation Summit, San Diego, CA. (February 2017).

*Design Principles for Digital Equity.* Presented at the From Good Intentions to Real Outcomes: Equity by Design in Learning Technologies Salon, Data and Society, New York, NY. (February 2017).

*Playful Rehearsal: Games and Simulations for Teacher Education*. Presented at the MIT xTalks Series. Cambridge, MA. (November 2016).

*Playful Rehearsal: Games and Simulations for Teacher Education*. Presented at the University of Virginia Curry School of Education Cooper Lecture Series in Teacher Education. Charlottesville, VA. (October 2016).

*Crafting Connected Courses*. Presented at the Digital Media and Learning Conference, Irvine, CA, (October 2016).

*Learning for Life, Learning, and Higher Education*. Presented at the Watertown School District, Watertown, MA. (September 2016).

*Crafting Connected Courses.* Presented at the Harvard Business School, Boston, MA, (August 2016).

*Innovation in Higher Education.* Presented at the Sanborn Design Convening, Sanborn, NH (July 2016)

*The History and Future of MOOCs*. Presented at the Harvard Graduate School of Education Institute for Management and Leadership in Education, Cambridge, MA (June 2016).

*Playful Rehearsal: Games and Simulations for Teacher Education*. Presented for the Deans for Impact Summer Meeting. St. Louis, MO (June 2016)

*Innovation and Access in Online Learning*. Presented for Phillips Andover Academy, Andover, MA (April 2016).

*Playful Rehearsal: Games and Simulations for Teacher Education*. Presented for the Education for Grantmakers MIT Study Tour. Cambridge, MA (April 2016)

*Design Principles for Digital Equity.* Presented at the Connected Learning Research Network Meeting, Boston MA (April 2016)

*The Civic Mission of Schools: Measuring Civic Learning*. Presented at UnderstandingImpact in Civic Mediaat MIT, Cambridge, MA (April 2016)

*New Strategies and Visions for Assessing Students Civic Learning.* Presented at the Deeper Learning Conference at High Tech High, San Diego, MA (March 2016)

*Most Likely to Succeed Film Screening Discussion Panel.* Presented at Shrewsbury Public Schools with Mary Beth Banios, Shrewsbury, MA (March 2016)

*Cultivating Teacher Readiness in Next Generation Learning.* Presented with Arthur Levine, Jessie Wooley-Wilson, and Liz Willen at South By Southwest EDU, Austin, TX (March 2016)

*The Greatest EdTech Generation.* Presented at the Benjamin Banneker Charter School, Cambridge, MA (January 2016)

*The Greatest EdTech Generation*. Presented at the Portsmouth School District, Portsmouth, RI (January 2016).

*Can Technology Democratize Education?* Presented at Peabody College of Education, Vanderbilt University, Nashville, TN (December 2015).

*MOOCs and the Science of Learning*. Presented at Panorama Education, Boston, MA (November 2015).

*Plenary Panel: Education*. Presented at the 2015 MIT China Innovation and Entrepreneurship Forum, Cambridge, MA (November 2015).

*Keynote Address: The Greatest EdTech Generation*. Presented at the 2015 EdTechTeacher Boston iPad Summit, Boston, MA (November 2015).

*Keynote Address*: *Reclaiming Innovation: Promoting Student Ownership of Learning Online.* Presented at the New England Faculty Development Consortium Annual Meeting, New England Institute of Technology, Providence, RI (November 2015).

*MOOCs and the Science of Learning*. Presented at the One Month Education Technology Salon, New York City, NY (October 2015).

*Featured Address: MOOCs and the Science of Learning*. Presented at the 2015 Tech-Ed Conference, Washington State University, Pullman, WA (October 2015).

*Rebooting MOOC Research*. Presented at the Future of Distance Learning Conference at the University of Naples, Federico II, Naples, Italy (September 2015).

*Rebooting MOOC Research*. Presented at ENS Cachan, Universite Paris-Saclay, Paris, France (September 2015).

*The Web We Want*; *The Ed We Want.* Presented at the Berkman Center for Internet and Society Luncheon Talk, Cambridge, MA (July 2015).

*Keynote address: Teaching Innovation*. Presented at the National Academy Foundation Annual Meeting, Anaheim, CA (July 2015).

*Plenary Address*: *The Future of Digital Learning.* Presented with Carrie James at the Harvard Graduate School of Education Future of Learning Institute, Cambridge, MA (July 2015).

*The History and Future of MOOCs*. Presented at the Harvard Graduate School of Education Institute for Management and Leadership in Education, Cambridge, MA (June 2015).

*MOOCs and Learning Analytics*. Presented with Henry Eyring, John Hansen, and Michael Yeomans at the 2015 Learning Analytics Summer Institute, Cambridge, MA (June 2015).

*Assessment and Online Learning*. Presented at the i3@UNC Workshop, Wilmington, NC (June 2015).

*MOOCs and the Science of Learning*. Presented at the China-World Bank Dialogue on Technology Use in Education, Peking University, Bejing, China (May 2015).

*Translating Learning Research into Practice*. Presented with Andrew Ho and Bror Saxberg at the 2015 Online Learning Summit, Harvard University, Cambridge, MA (April 2015).

*Keynote Address: The School Leader’s 1-to-1 Implementation Checklist.* Presented at the 2015 Rhode Island ISTE Annual Meeting, Providence, RI, (March 2015).

*The School Leader’s 1-to-1 Implementation Checklist.* Presented at the 2015 MassCUE Leading Future Learning Summit, College of the Holy Cross, Worcester, MA (March 2015).

*Keynote Address:* *Challenges to K-12 Technology Integration*. Presented at the 2015 EdTechTeacher Google for Education Jamboree, Google Cambridge, Cambridge, MA (February 2015).

*Featured Address: Assessing Learning in Open Online Environments.* Presented at the EDUCAUSE Learning Initiative 2015 Annual Meeting, Anaheim, CA (February 2015).

*MOOCs and the Science of Learning.* Presented at the Harvard University Institute for Quantitative Social Science Applied Statistics Workshop (GOV 3009), Cambridge, MA (February 2015).

*The Morning After the Year of the MOOC*. Presented at Stanford University, Stanford, CA (January 2015).

*MOOCs and the Future of the Liberal Arts*. Presented at the Future of the Liberal Arts Education Forum, Vanderbilt University, Nashville, TN (December 2014).

*MOOCs and the Science of Learning.* Presented at the Federal Reserve of Boston Advancing Financial Capability Efforts with Emerging Educational Technologies Workshop, Boston, MA (December 2014).

*Online Learning and Access in Politically-Constrained Countries.* Presented at the Open Society Foundation Scholarship Program Advisory Meeting, Cambridge, MA (December 2014).

*Data-Driven Education, Research and Private Parties.* Presented with Vivek Goel at the Microsoft Symposium on Student Privacy in Higher Education: Building Privacy into Data-Driven Education, Washington, DC (December 2014).

*Keynote Address: Empowering Higher Education with Emerging Technology.* Presented at the 50th Anniversary Conference of Universidad Anáhuac, Mexico City, MX (November 2014).

*Can Progressive Education be Massive?* Presented at Project Zero Luncheon Series, Harvard Graduate School of Education, Cambridge, MA (October 2014).

*The Future of Online and Blended Learning in Independent Schools*. Presented at the Future of Independent Schools Institute, Harvard University, Cambridge, MA (October 2014).

*Digital Learning: Improving Access to Learning and Holistic Outcomes*. Panel Presentation with Sanjay Sarma and Jonathan Haber at the Dalai Lama Center for Ethics and Transformative Values at MIT, Cambridge, MA (September 2014).

*Future Directions in Technology-Mediated Learning: Implications for Research and Practice.* Presented at the Harvard Initiative for Teaching and Learning Conference, Cambridge, MA (September 2014).

*Keynote Address: Student Inquiry and Learning in a Networked World*. Presented at the Teaching and Learning in a Digital World Conference, Toronto, ON (August 2014).

*Four Faces of Personalization.* Presented at the EdTechTeacher Summit, Chicago, IL (July 2014).

*The Future of Learning in a Networked World*. Presented at the Future of Learning Institute, Harvard University, Cambridge, MA (July 2014).

*Privacy and Learning Analytics*. Presented with Paulina Huadong, Leah Plunkett, and Dalia Topelson at the Learning Analytics Summer Institute, Cambridge, MA (July 2014)

*MOOCs and the Science of Learning*. Presented at the Berkman Center for Internet and Society Luncheon Series, Cambridge, MA (July 2014).

*The Histories and Futures of MOOCs*. Presented at the Institute for Management and Leadership in Education, Harvard University, Cambridge, MA (June 2014).

*Four Faces of Personalization.* Presented at the Leading 21st Century High Schools Institute, Harvard University, Cambridge, MA (June 2014).

*Keynote Address: Teaching as Scholarship: Iterating Towards Instructional Improvements.* Presented at the Salem State University Pearls and Perils Conference, Salem, MA (May 2014).

*Assessing Learning in Large-Scale Online Learning Environments*. Presented at the Program on Performance Evaluation in Higher Education, Harvard University, Cambridge, MA (April 2014)

*Digital Learning: Two Views on Pedagogy and Technology.* Presented at the Learning Environments for Tomorrow Institute, Harvard University, Cambridge, MA (April 2014).

*Keynote Address:* *The Future of Learning in a Networked World.* Presented at the Capital Area Online Learning Association Annual Meeting, Summerdale, PA. (March 2014).

*Opportunities for Consideration in K-*12 Education.Presented with Jenn Stringer, David Malone, and John Scott at the Online Learning Summit, Berkeley, CA. (March 2014).

*Beyond Pockets of Excellence: A Leadership Checklist for School and District iPad Implementations.*  Presented at the EdTechTeacher iPad Summit. San Diego, CA (February 2014).

*The First Year of HarvardX and MITx.* Presented at the Stanford Lytics Lab, Stanford, CA (January 2014).

*The First Year of HarvardX and MITx.* Presented at Coursera, Mountain View, CA (January 2014).

*Keynote Address:* *The Future of Learning in a Networked World*. Presented at the Learning Reimagined Conference, Menlo Park, CA. (January 2014)

*The First Year of HarvardX.* Presented at the Harvard Graduate School of Education, Cambridge, MA (January 2014).

*Beyond Pockets of Excellence: A Leadership Checklist for School and District iPad Implementations.*  Presented at the EdTechTeacher iPad Summit. Boston, MA (November 2013).

*Keynote Address: The Histories and Futures of MOOCs in Higher Education.* Presented at the Symposium for Excellence in Online Education, Auburn Hills, MI (November 2013).

*Keynote Address: Leading Change in Changing Times: Empowering Learners with Technology.* Presented at the Apple Education Leadership Institute, Toronto, ON. (November 2013).

*Plenary Panel: Perspectives on the Future of Learning.* Presented at the Project Zero/Harvard Graduate School of Education Future of Learning Institute with Veronica Boix-Mansilla, Adam Strom, and Mary Helen Imordino-Yang, Cambridge, MA. (August 2013).

*What’s New? The Promise and Perils of Digital Media and Learning.* Presented at the Collegiate School, New York, NY. (June 2013).

*Personalization, Backpacks Full of Cash, and Rockstar Teachers: The Intersection of Technology, Free-Market Ideology, and Media Hype in U.S. Education Reform*. Presented for the Eight Schools Association Technology Leadership Summit, Concord, NH. (May 2013).

*Personalization, Backpacks Full of Cash, and Rockstar Teachers: The Intersection of Technology, Free-Market Ideology, and Media Hype in U.S. Education Reform*. Presented for the Berkman Center for Internet & Society, Cambridge, MA. (May 2013).

*Engagement? How Can We Encourage Youth to Participate in Democracy?* Panelist (with Meira Levinson, Scott Warren, Diana Hess, Richard Freeland, Carlos Rojas, and Richard Weissbourd) at the Civic Education Conference co-sponsored by the Harvard Law School and Campaign for the Civic Mission of Schools, Cambridge, MA. (April 2013)

*What’s New? The Promise and Perils of Digital Learning*. Presented at the Wheelock College Center for Technology Innovation, Boston, MA. (March 2013).

*Play Nice: The Science of Player Behavior in Online Games.* Moderated for panel discussion co-sponsored by the Berkman Center for Internet & Society, the MIT Game Lab, and Riot Games, Cambridge, MA. (March 2013).

*Closing the Access Gap*. Panel presentation at the Consortium for School Networking, San Diego, CA. (March 2013).

*What’s New? The Promise and Perils of Digital Learning.* Presented at the Project Zero GoodWork Conference, Dedham, MA. (March 2013).

*What’s New? The Promise and Perils of Digital Learning.* Presented at Deerfield Academy, Deerfield, MA. (February 2013).

*Integrating Technology to Achieve Greater Scale and Maintain Program Fidelity and Evolving PD Model.* Presented with Jonathan Finklestein at the Novo Foundation Grantee Convening, New York, NY. (January 2013).

*Beyond Pockets of Excellence: How the Best School Leaders Empower School-wide Transformations.* Presented at the EdTechTeacher iPadSummit USA, Boston, MA. (October 2012).

*Rethinking the Future of Digital Learning and Urban Education*. Presented with John Kittredge and Michael Robinson at Engaging Education: Rethinking Learning, Teaching, and Achievement in Urban Schools, Memphis, TN. (October 2012).

*Personalization, Backpacks Full of Cash, and Rockstar Teachers: The Intersection of Technology, Free-Market Ideology, and Media Hype in U.S. Education Reform*. Presented for the Oxford Internet Institute, Oxford, UK. (October 2012).

*What’s New? The Promise and Perils of Digital Media and Learning.* Community address at the St. Michael Country Day School, Newport, R.I. (September 2012).

*What’s New? An Introduction to the Future of Digital Learning*. Presented for the Project Zero Future of Learning Institute at the Harvard Graduate School of Education, Cambridge, MA. (August 2012).

*Creating Coherence: Connecting Learning Goals to Technology Innovation.* Presented at the EdTechTeacher iPadSummit USA, Atlanta, GA. (April 2012).

*Beyond Pockets of Excellence: How the Best School Leaders Empower School-wide Transformations.* Presented at the EdTechTeacher iPadSummit USA, Atlanta, GA. (April 2012).

*When Open Encounters Different Classrooms.* Presented for the Hewlett Foundation Open Educational Resources Initiative Grantee Meeting, Cambridge, MA (April 2012).

*How U.S. School Leaders Support Teaching and Learning with ICT*. Presented at the School of Science and Technology, Singapore (February 2012).

*Changing Cultures: Teaching and Learning with ICT.* Presented at the Academy of Singapore Teachers, Singapore (January 2012).

*Will Free Benefit the Rich*? Berkman Center for Internet & Society Luncheon Series, Cambridge, MA (January 2012).

*Keynote Address: Digital Storytelling and New Media Literacy in History.* Presented at the Tennessee Council of the Social Studies Annual Meeting, Nashville, TN (November 2011).

*Keynote Address: Scaling Innovations in Teaching New Literacies*. Presented at the Massachusetts New Literacies Institute, Cambridge, MA (July 2011).

*Cycles of Experiment and Experience- Building Capacity for 21st Century Teaching and Learning in the Cloud.* Presented at the Massachusetts Education Technology Administrators Association (MA CoSN chapter) Conference, Worcester, MA (May 2011).

*Keynote Address: The Future of Blended Learning* Presented at the ACCEPT Collaborative Annual Leadership Retreat, Natick, MA (April 2011).

Plenary Panel: Design for Global Learning **Presented at the Massachusetts Technology Leadership Symposium (co-hosted by the Massachusetts Computer Using Educators and Massachusetts Education Technology Administrators Association), Worcester, MA. (March 2011).**

*The Creative Agency Classroom*. Presented for the Education Leadership, Policy, and Instructional Practice Work-in-progress seminar series, Harvard Graduate School of Education, Cambridge, MA. (October 2010).

*Nurturing the 21st Century Classroom.* Keynote address at the Cleburne Independent School District Faculty Convocation, Cleburne, TX. (August 2010).

*Online Networks in Education and Research*. Panel presented with Kristin Sullivan, Jannis Brea, and Ilana Cohen at the University Program in Teaching and Learning with Technology at Harvard University, Cambridge, MA. (May 2010).

*Evaluating Excellence and Equity in Web 2.0 Learning Environments.* Presented for the Scheller Teacher Education Program at the Massachusetts Institute of Technology, Cambridge, MA. (April 2010).

*Studying Excellence and Equity in Web 2.0 Learning Environments*. Poster presented with Richard Murnane and John Willett at the Hewlett Open Education Research Grantee Meeting, New Haven, CT. (April 2010)

***Studying Excellence and Equity in Web 2.0 Learning Environments*. Presented for the Lifelong Kindergarten Group at the Massachusetts Institute of Technology, Cambridge, MA. (March 2010).**

*Can Free Web 2.0 Tools and Resources Exacerbate Educational Inequities? A Mixed-Methods Case Study of K-12 Wiki Learning Environments*. Presented for the Civic and Moral Education Initiative at the Harvard Graduate School of Education, Cambridge, MA. (April 2010)

Plenary Panel: 21st Century Skills – Learning for Life in our Times. **Presented at the Massachusetts Technology Leadership Symposium (co-hosted by the Massachusetts Computer Using Educators and Massachusetts Education Technology Administrators Association) Worcester, MA. (March 2010).**

*Microscopes and Telescopes: Answering Questions of Excellence and Equity Using Online Learning Environments*. Presented with Richard Murnane and John Willett for the Education Leadership, Policy, and Instructional Practice Work-in-progress seminar series, Harvard Graduate School of Education, Cambridge, MA. (October 2009).

*Microscopes and Telescopes: A Research Agenda for Studying Web 2.0 Learning Environments in the Social Studies and Beyond.* Presented at the 3rd Ackerman Colloquium on Technology and Citizenship Education, Purdue University, West Lafayette, IN. (June 2009).

*Teaching Mad-Libs History.* A Response to David Perkins’ *Tribethink vs. Worldthink: Learning the Languages of War and Peace.* Presented for the Civic and Moral Education Initiative Colloquium, at the Harvard Graduate School of Education, Cambridge, MA. (March 2009).

*Current Research in Global Education: What Twenty-first Century District Leaders Need to Know about Preparing Students for Global Citizenship*. Presented with Anna Rosefsky Saavedra and Shelley Tinkham at the Massachusetts Superintendents’ Leadership Academy, Marlboro, MA. (September, 2008)

**Selected Professional Development Workshops:**

*Design Thinking for the Future of Learning*

* Project Zero/Harvard Graduate School of Education Future of Learning Institute (August 2013)
* Project Zero/Harvard Graduate School of Education Future of Learning Institute (August 2012)

*21st Century School Leadership: Leading Change in Changing Times*

* EdTechTeacher Summer Workshop Series (July 2014)
* Project Zero Future of Learning Institute (August 2013)
* EdTechTeacher Summer Workshop Series (July 2013)
* EdTechTeacher Summer Workshop Series (July 2012)
* Tech Forum Boston, Burlington, MA (April 2012)
* EdTechTeacher Winter Leadership Conference, Cambridge, MA (March 2012)
* American School of Warsaw, Poland (November 2011)
* EdTechTeacher Summer Workshop Series, Cambridge, MA (July 2011)
* TEC Collaborative Superintendent’s Retreat, Chatham, MA (May 2011)
* **Massachusetts Technology Leadership Symposium (co-hosted by the Massachusetts Computer Using Educators and Massachusetts Education Technology Administrators Association) (March 2010)**
* National Council for the Social Studies Annual Conference, Atlanta, GA (November 2009)

*Personal Learning Networks for Lifelong Learners*

* Project Zero Future of Learning Institute, Cambridge, MA (August 2012)

*Technology Integration in Singapore: Lessons Learned from one of the World’s Best Systems*

* Massachusetts Computer Using Educators Technology Conference, Foxborough, MA (October 2012)
* Massachusetts Computer Using Educators Technology Leadership Symposium, Worcester, MA (March 2012)

*Teaching Technology to Teachers*

* Massachusetts Computer Using Educators Technology Conference, Foxborough, MA (October 2012)
* EdTechTeacher Summer Workshop Series, Cambridge, MA (July 2012)
* Massachusetts Computer Using Educators Conference, Foxborough, MA (October 2011)
* St. Mark’s School, Southboro, MA (June 2009)

*Assessing Change in Changing Times: Measuring the Impact of Technology Investments and Interventions*

* New England 1 to 1 Summit, Burlington, MA (March 2012)
* **Massachusetts Technology Leadership Symposium (co-hosted by the Massachusetts Computer Using Educators and Massachusetts Education Technology Administrators Association), Worcester, MA (March 2011)**

*The Flipped Classroom*

* Massachusetts Education Technology Administrator Organization Chief Technology Officer Clinic, Waltham, MA (May 2012)
* Tech Forum Boston, Burlington, MA (April 2012)
* Massachusetts Computer Using Educators/Massachusetts Education Technology Administrators Association Technology Leadership Symposium, Worcester, MA (March 2012)
* Massachusetts Computer Using Educators, Burlington, MA (March 2012)
* Stuart Country Day School for the Sacred Heart, Princeton, NJ (February 2012)

*Teaching History with Technology*

* Natick High School Social Studies Department, Natick, MA (May 2011)
* EdTechTeacher Summer Workshop Series, Boston, MA (August 2010)
* EdTechTeacher Summer Workshop Series, Boston, MA (July 2009)
* Teaching American History Grant Professional Development Institute at Monroe Township, NJ (August 2008)
* EdTechTeacher Summer Workshop Series, Dedham, MA (July 2008)

*Why Change? Communicating the Benefits of 21st Century Learning*

* Hamilton-Wenham School Board Meeting, Wenham, MA (December 2010)
* Massachusetts Computer Using Educators Technology Conference, Foxborough, MA (October, 2010)
* Waltham School District, Waltham, MA (October 2009)

*Teaching for the 21st Century: Web 2.0 and the Collaborative Classroom*

* LaSalle Academy, Providence, RI (May 2011)
* Waltham School District, Waltham, MA (January 2010)
* St. Mark’s School, Southboro, MA (December 2008)
* Massachusetts Computer Using Educators Annual Conference, Sturbridge, MA (November 2008)
* National Council for the Social Studies Annual Conference, Houston, TX (November 2008)
* Putnam North Westchester BOCES, Mt. Kilroy, NY (October 2008)

*Why Johnny Can’t Search: Advanced Search and Web Literacy Strategies*

* Turning Points Teaching American History Grant, Burlington, VT (February 2011)
* LaSalle Academy, Providence, RI (February 2011)

*Not Another Paper! Alternative Assessments Using Technology*

* Buckingham, Brown and Nichols School, Cambridge, MA (February 2010)
* Oxford School District, Oxford, MA (June 2009)
* National Council for the Social Studies Annual Conference, San Diego, CA (December 2007)
* Connecticut Educational Computing Association Conference, Hartford, CT (December 2007)

*Teaching Global History with Technology: A Four Part Workshop for Educators*.

* Center for Middle East Studies, Harvard University , Cambridge, MA (January 2010)
* The Asia Center, Harvard University, Cambridge, MA (February 2010)
* David Rockefeller Center for Latin American Studies, Harvard University, Cambridge, MA (March 2010)
* Davis Center for Russian Studies at Harvard University, Cambridge, MA (April 2010).

*Standing on the Shoulders of Giants: Fair Use, Copyright, and Plagiarism Issues for Teachers*

* EdTechTeacher Summer Workshop Series, Boston, MA (July 2010)
* Fontbonne Academy, Milton, MA (October, 2009)

*It’s Not About the Blog: Computers and the Collaborative Classroom*.

* Chewonki Semester School*,* Wiscasset, ME (August 2008)
* Pingree School, South Hamilton, MA (April 2008)
* Walnut Hill School, Natick, MA (April 2008)
* Falmouth High School, Falmouth, MA (January 2008)
* Deerfield Academy, Deerfield, MA (March 2007)
* Shady Hill School, Cambridge, MA (January 2007).

**Guest Course Lectures and Presentations:**

*Early Interventions in MOOCs.* Presented for Neil Heffernan’s *Artificial Intelligence in Education* at Worcester Polytechnic Institute. (March 2019)

*MOOCs and Teacher Professional Learning.* Presented for Barbara Treacy’s *Connected Teaching in the Digital Age* (T525) at Harvard Graduate School of Education, Cambridge, MA (October 2018)

*From Good Intentions to Real Outcomes: Equity by Design in Learning Technologies.* Presented for Katie Davis’s *Youth Development and Information Behavior in a Digital Age* (LIS 516) at University of Washington, Seattle, WA. (May 2018)

*MOOCs and Teacher Professional Learning.* Presented for Barbara Treacy’s *Connected Teaching in the Digital Age* (T525) at Harvard Graduate School of Education, Cambridge, MA (October 2017)

*Connectivism and Social Media in Education.* Presented for Chris Dede’s *Transforming Education through Emerging Technologies* (T561) at Harvard Graduate School of Education, Cambridge, MA (November 2016)

*Connectivism and Social Media in Education.* Presented for Chris Dede’s *Transforming Education through Emerging Technologies* (T561) at Harvard Graduate School of Education, Cambridge, MA (November 2015)

*The Future of Education Technology in Schools and Teacher Training.* Presented for Christopher Loss’s Peabody Scholars Program at Peabody College, Vanderbilt University, in Nashville, TN (March 2015)

*Education Policy from Brown v. Board to the Waiver Era*. Presented for Eric Klopfer’s *Introduction to Education* (11.125) at MIT, Cambridge, MA (October 2014)

*Sandel and the San Jose State University Philosophers*. Presented for Charles Nesson’s *Internet and Society* at the Harvard Law School, Cambridge, MA (October 2014)

*Learning at Scale and the Future of Higher Education.* Presented for Katya Salkever’s *The Economics of Colleges and Universities* (A-709) at Harvard Graduate School of Education, Cambridge, MA (April 2014)

*Just Posting in the Same Place? Wikis and the Collaborative Classroom*. Presented for Steven McGee’s *Teaching with Technology* (LRN SCI-438) at Northwestern University, Evanston, IL (May 2013 & April 2012)

*Teaching the Social Studies with Technology*. Presented for Meira Levinson’s *Advancing the Learning and Teaching of History and Social Studies* (T-255) at the Harvard Graduate School of Education, Cambridge, MA (March 2012)

*The Cycle of Experiment and Experience: A Model of School Improvement in the Domain of Education Technology.* Presented for Stone Wiske’s *Power of Networked Learning* (T-526) at the Harvard Graduate School of Education. Cambridge, MA. (May 2010).

*Creating Informal Learning Environments using Personal Learning Networks.* Presented for Stone Wiske’s *Power of Networked Learning* (T-526) at the Harvard Graduate School of Education. Cambridge, MA. (February 2010).

*Personal Learning Networks.* Presented for Stone Wiske’s *Teaching for Understanding* (T-527) at the Harvard Graduate School of Education. Cambridge, MA. (November 2009).

*Creating Web 2.0 Projects with Shneiderman’s Collect-Relate-Create-Donate Framework.* Presented for Stone Wiske’s *Teaching for Understanding* (T-527) at the Harvard Graduate School of Education. Cambridge, MA. (October 2009).

*Meet the Author: “Conflict and Identity: Using Contemporary Essential Questions to Guide our Study of the Past*.” Presented for Meira Levinson’s *Teaching History, Political Science/Political Philosophy, and/or Social Studi*es (T-213) at the Harvard Graduate School of Education. Cambridge, MA. (October 2009).

**Selected Webinars:**

*Open Science in Technology-Enhanced Learning.* Presented with Malte Elson for the European Association of Technology-Enhanced Learning Webinar Series (May 2018).

*Teaching History with Technology*. Presented with Tom Daccord for the McGraw Hill Networks Series (October 2015).

*The Future is Now: iPads in Higher Education.* Presented with Dean Florez, Sabba Quidwai, and Warren Weichmann for the EdTechTeacher 2015 Winter Webinar Series (January 2015).

*Research Questions and (Better) Learning Analytics.* Presented with Audrey Watters, Andrew Sliwinski, and Vanessa Gennarelli for the P2PU Unhangout Series (August 2014).

*HarvardX Research: Future Directions.* Presented with Rebecca Peterson for the edX Community of Practice Series (May 2014).

*How Great Teachers Reinvent their Classrooms*. Presented with Jennie Magiera, Kristin Ziemke, Anita Orozco-Hoffman, and Autumn Laidler for the MacArthur ConnectedLearning.tv Webinar Seiries (August 2013).

*The Role of School Leaders in Creating a Culture of Kindness and Respect.* Presented with Jose Navarro, Caro Pemberton, Xochitl Avellan for the Facing History and Ourselves Safe Schools Webinar Series (September 2012).

*Classrooms and Curriculums: How Teachers Can Create Cultures of Kindness and Respect.* Presented with Tonya Troske, Sasha Guzman and Jeff Galaise for the Facing History and Ourselves Safe Schools Webinar Series (September 2012).

*Cyberbullying - What's Different, and What's Not, about Meanness and Cruelty Online.* Presented with Carrie James, Katie Davis, Anne Collier, and Alice Marwick for the Facing History and Ourselves Safe Schools Webinar Series (September 2012).

*Teaching Technology to Teachers, 10 Years of Tips and Secrets.* Presented with Angela Maiers for the EdTechTeacher Webinar Series (March 2012).

*Passion Driven Learning in the Classroom.* Presented with Angela Maiers for the EdTechTeacher Webinar Series (January 2012).

*21st Century School Leadership, Connecting Technology to Learning Goals.* Presented for the EdTechTeacher Webinar Series (January 2012).

*Making 1-1 Work for 21st Century Learning – Assessment.* Presented with Jean Tower, Ann Ashworth, Paul Livingstone, and David Whittier for the EdTechTeacher Webinar Series (December 2011).

*Making 1-1 Work for 21st Century Learning – Curriculum and Open Education Resources.* Presented with Jean Tower, Patrick Larkin, and Louise Bay Waters for the EdTechTeacher Webinar Series (November 2011).

*Making 1-1 Work for 21st Century Learning – Parent/Family Involvement and Support.* Presented with Jean Tower, Deb Socia, and Anne Collier for the EdTechTeacher Webinar Series (October 2011).

*Empowering Students with Networked Learning.* Presented with Stone Wiske for the EdTechTeacher Webinar Series (May 2011).

*Leading School Change from the Tech Dept: The Role of Technology Administrators*. Presented with Jean Tower, Grace Magley, Shelley Chamberlain for the EdTechTeacher Webinar Series (April 2011).

*21st Century School Leadership in Action: Reports from the Field.* Presented with Jean Fitzgerald, Kimo Carter, and Steve Watson for the EdTechTeacherWebinar Series (April 2011).

*Five Challenges & Opportunities in 21st Century School Leadership*. Presented for the EdTechTeacher Webinar Series. (March 2011).

Nurturing 21st Century Classrooms: Leading Change in Changing Times. Presented for the Massachusetts Association of School Superintendents Educator Webinar Series (October 2010).

*Effective Technology Integration in K-12 Classrooms*. Webinar presented with Thomas Daccord for the EdTechTeacher Webinar series. (May 2010).

**MEDIA COVERAGE AND APPEARANCES**

**Radio/Television/Podcasts:**

*Science Magazine Podcast* (AAAS), *Marketplace* (American Public Media), *Digital* Show (SiriusXM), The *Source* (Texas Public Radio), *NewsHour* (PBS), *Radio Boston* (WBUR), *Radio Times* (WHYY), *Closer Look* (WABE), *Harvard EdCast* (Harvard Graduate School of Education), *Radio Berkman* (Berkman Center for Internet & Society), *Without a Net* (feature length documentary on the digital divide), *Learn Teach Lead Podcast,*

**Print Outlets:**

*New York Times, The New Yorker, The Atlantic, Education Week, USA Today, Boston Globe, The Hill, Commonwealth, Information Week, Wired, IEEE Spectrum, Slate, Vice, Forbes, NPRed, Hechinger Report, Politico, Inside Higher Ed, Harvard Magazine, Harvard Crimson, Forbes, Chronicle of Higher Education, Huffington Post, NBCnews.com, Hindustan Times, Sydney Morning Herald, Spirit Magazine* (Southwest Airlines), *Hartford Courant, District Administration, eSchoolNews, Mind/Shift* (KQED), *T.H.E. Journal*, *Tampa Bay Times, Boston Phoenix, Danbury News-Times, BostonInno, Chief Learning Officer, Albuquerque Journal, Faculty Matters* (University of Phoenix)*, Idea2* (Academy of Singapore Teachers), *Jamaica Observer*, *The Western Front*, *Artic Sounder, Center for Public Integrity,*

Links at <http://www.edtechresearcher.com/project/media-appearances/>

And [COVID-19 Media and Publications](https://www.dropbox.com/sh/w6sdh1r9jfz48cx/AADvP5qvrTqEbqx0sAtQ3b_pa?dl=0)

**SERVICE**

**Steering Committee Chair,** Learning@Scale, 2019-2022

**Steering Committee,** Learning@Scale 2018-2019

**Program Chair,** Learning@Scale 2017

**Program Committee,** Connected Learning Summit, Educational Data Mining, Learning Analytics & Knowledge;Learning with MOOCs; Online Learning and the Learning Sciences; Learning@Scale; aWEAR: International Conference on Wearable Technologies, Knowledge Development, and Learning; FabLearn, European MOOCs Stakeholder Summit

**Guest Editor,** AERA Open Special Topic: Registered Reports

**Editor*,*** MIT Press Book Series: Learning at Scale

**Member,** 2013-2019, Digital Learning Advisory Council, Massachusetts Department of Elementary and Secondary Education

**Advisory Board Member**, 2008-Present, Chewonki Foundation

**Member,** Asilomar Convention Working Groups, 2014 & 2016 [asilomar-highered.info](http://asilomar-highered.info)

**IPanel Reviewer,** National Science Foundation, DRK12 2020, Cyberlearning 2017 (declined), SBIR Phase I 2017 (declined)

**Reviewer:**

*Journals:* Science; Learning, Media and Technology; Science Advances; AERA Open; Computers and Education; Journal of Learning Analytics; Journal of Research in Educational Effectiveness; Journal of Computer Assisted Learning; Social Education; Theory and Research in Social Education; Journal of Moral Education; Political Psychology; Transactions on Computer-Human Interaction; Communications of the Association of Computing Machinery; Evaluation and Program Planning; Journal of Learning Analytics; Handbook of Learning Analytics & Educational Data Mining, Journal of Higher Education

*Books:* Cambridge University Press, MIT Press, Harvard Education Publishing Group

*Grants:* Swiss National Science Foundation, NSF Division of Information and Intelligent Systems: Information Integration and Informatics; NSF Division of Science of Science and Innovation Policy; Hewlett Foundation: Open Education Resources Initiative Grant Program; Massachusetts Department of Elementary and Secondary Education: Charter School Dissemination Grant, Spencer Foundation,

*Conferences:* Harvard Graduate School of Education Student Research Conference, American Educational Research Association Annual Meetings, National Council of the Social Studies-College and University Faculty Assembly Annual Meeting, National Council of the Social Studies Conference

*School Charters:* Massachusetts Department of Elementary and Secondary Education: Charter School; Massachusetts Department of Elementary and Secondary Education: Commonwealth of Massachusetts Virtual School

*Academic Departments and Programs:* Masters in Education Technology and Learning Science (METALS), Carnegie Mellon University;Education Technology and Media, Boston University

**ADVISING**

Mariel Garcia Montes, “Just Say No to ‘Just Say No’: Tensions Between Protection and Agency in Organizational Approaches to Youth and Privacy in the Americas” Master’s Thesis in Comparative Media Studies at MIT, 2017-2018, Thesis Reader

Anneli Hershman, Oral and Written Doctoral Examiner, MIT Media Lab, 2017-2018

Kevin Ng, “Design of a Teacher Education Model that Improves Teacher Educator Efficiency in Processing Teacher Candidate Data.” Master’s Thesis in Electrical Engineering and Computer Science at MIT, 2017-2018, Thesis Advisor.

Tiffany Wong, “ELK: An Online Role-Playing Game to Better Elicit Learner Knowledge.” Master’s Thesis in Electrical Engineering and Computer Science at MIT, 2016-2017, Thesis Advisor.

Kesiena Owho-Ovuakoporie, “Using ‘Teacher Moments’ as an Online Practice Space for Parent-Teacher Conference Simulation in Preservice Teacher Education.” Master’s Thesis in Electrical Engineering and Computer Science at MIT. 2016-2017, Thesis Advisor.

Eric Gantwerker, “MOOCs and Medical Education.” Masters Thesis for the Medical Education Masters Program at the Harvard Medical School. 2015-2017, Thesis Committee.

Raul Madera, “Investigating the impact of beliefs, norms, and culture on teachers in both a comprehensive middle school and STEM-focused middle school.” Bachelor’s Thesis in Material Science at MIT. 2015-2015, Thesis Reader.

Champika Fernando, “Open Learning Webs: Designing Support Structures for Online Communities.” Masters Thesis for the Program in Media Arts and Sciences, School of Architecture and Planning, Massachusetts Institute of Technology, 2013-2014, Thesis Reader.

Jason Wong, “*Do Extracurricular Activities Matter? Examining the Impact of High School Mock Trial Participation on Student Learning and Development.”* Undergraduate Thesis for the Harvard Social Studies Program, 2009-2010, Advisor.

Seth Packarone, “*Keeping Up With the Law: Two Case Studies about the Social Environments and School-Based Structures Surrounding Special Education*.” Undergraduate Thesis for the Harvard Social Studies Program, 2009-2010, Thesis Reader.

**HIGH SCHOOL TEACHING AND YOUTH LEADERSHIP EXPERIENCE**

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| **Jefferson Scholars Foundation,** Charlottesville, VA | 2010 |
| *Expedition Leader*Led team of college students on summer service learning expedition to Tanzania. |
| **Camp Chewonki,** Wiscasset, ME | 1994-Present  |
| *Camp counselor, Counselor-in-Training Director, Wilderness Trip Leader, Year-Round Assistant Camp Director*, *Board of Advisors* |
| **World Challenge Expeditions,** Boston, MA | 2006-2009 |
| *Expedition Leader and Leader Trainer*In summers of 2006 and 2008, led teams of high school students on summer expeditions to Tanzania (Kilimanjaro) and India with trekking and community service components. |
| **Noble and Greenough School,** Dedham, MA | 2003-2006 |
| *World History Core Leader, Teacher**Courses:* History of the Human Community, The Middle East, Civics, History of Boston, Race in America, and Comparative Religions; *Coaching:* Outdoor Skills, Wrestling |
| **Shackleton Schools,** Ashby, MA |  | 2002-2003 |
| *Director of Operations; First Year Class Educator**Courses:* History of Mexico, Probability and Statistics in the Immigration Debate, and Historical Changemakers. |
| Stonehearth Open Learning Opportunities, Conway, NH | 1999- 2002 |
| *Instructor**Courses:* Wilderness First Aid, Wilderness First Responder, and Wilderness Emergency Medical Technician |