

Damian J. Bebell
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EDUCATION

- 2003: Boston College, Ph.D. Educational Research, Measurement and Evaluation
Pass with Distinction Award for exceptional performance on the doctoral comprehensive exam
- 1999: Boston College, M.Ed. Educational Research, Measurement and Evaluation
- 1997: Edinboro University of Pennsylvania, B. A. Psychology

RESEARCH EXPERIENCE

- 2003-Present: **Assistant Research Professor**
Center for the Study of Testing, Evaluation, and Educational Policy
Technology and Assessment Study Collaborative
Lynch School of Education; Boston College
Procure and direct educational research and evaluation projects including collaborative partnerships with a variety of educational, for-profit, and not-for-profit organizations. Provide leadership and management across all phases of research activities.
- 2014-Present: **Researcher in-residence**
Apple Education
Provide leadership, research expertise, and support to K12 schools' internal research and evaluation efforts across Apple education's North American, Asian, and Australian sectors. Provide research-based support to Apple's Distinguished School program and educational leadership.
- 2017-2018: **Principal Investigator**
Drawing on Math
Muskegon Area Intermediate School District
Designed and conducted a district-wide initiative to use classroom drawings and data visualization tools to increase elementary math teacher reflection and discourse.
- 2009-2018: **Founding Co-Director**
International Research Collaborative
American School of Bombay (India)/Reflective Educational Research/Consilience Learning
Designed and directed a series of longitudinal research studies examining how computers and other technologies were changing teaching and learning across a partnership of global schools.
- 2016-2017: **Principal Investigator**
Teaching and Learning Practices with 1:1 iPads (Mendon Upton Regional Schools, MA)
Center for the Study of Testing, Evaluation, and Educational Policy, Boston College
Designed and conducted a mixed methods study describing the implementation and effects of high school students' and teachers' use of 1:1 iPad resources.
- 2012-2015: **Principal Investigator**
edX/MIT Blending Learning with MOOCs
Center for the Study of Testing, Evaluation, and Educational Policy, Boston College

Collaborative research with edX/MIT funded by the Bill and Melinda Gates Foundation. Designed and conducted one of the first empirical studies of MOOCs in blended community college setting for credit.

- 2011-2015: **Principal Investigator**
21st Century Teaching and Learning Study (Natick, MA)
Center for the Study of Testing, Evaluation, and Educational Policy, Boston College
Designed and conducted a mixed methods study describing the implementation and effects of middle and high school students' and teachers' use of 1:1 computing resources.
- 2009-2012: **Principal Investigator**
Time to Know, Tel Aviv Israel and New York City Public Schools
Technology and Assessment Study Collaborative, Boston College
Directed a multi-year pre/post comparative design study on the implementation and outcomes of the Time to Know digital learning platform across a wide variety of New York City public schools.
- 2009-2011: **Principal Investigator**
21st century classroom study/cloud computing (Newton, MA)
Technology and Assessment Study Collaborative, Boston College
Developed and managed a mixed methods evaluation study of a cloud-based computing pilot program at a public middle school.
- 2008-2010: **Principal Investigator**
Laptops for Learning at the Boston Public Schools (Boston, MA)
Technology and Assessment Study Collaborative, Boston College
Developed and conducted an externally funded research study on the effects of a technology-rich learning environment on teaching and learning.
- 2006-2009: **Principal Investigator**
Wireless Learning Initiative at the Lilla G. Frederick Pilot Middle School (Dorchester, MA)
Technology and Assessment Study Collaborative, Boston College
Developed and conducted a mixed methods three-year research study on the first 1:1 public middle school in inner-city Boston.
- 2005-2009: **Principal Investigator**
Berkshire Wireless Learning Initiative
Technology and Assessment Study Collaborative, Boston College
Developed and conducted an intensive three-year research study of Massachusetts' pilot 1:1 laptop program focusing on the impacts of technology on measures of student achievement.
- 2004-2008: **Lead Evaluator**
Advanced Technologies for Using Assessment Data to Improve Student Achievement
Center for the Study of Testing, Evaluation, and Educational Policy, Boston College
Collaborative research at the University of Kansas, funded by the U.S. Department of Education Fund for the Improvement of Postsecondary Education (FIPSE), on the construction and assessment of online learning modules for pre-service and in-service teachers.
- 2004-2005: **Principal Investigator**
Technology Promoting Student Excellence
Technology and Assessment Study Collaborative, Boston College
Developed and conducted a two-year externally funded research study of New Hampshire's pilot 1:1 laptop program across six middle schools.

- 2001-2003: **Research Associate**
 Use, Support, and Effect of Instructional Technology (USEIT) Study
 Center for the Study of Testing, Evaluation, and Educational Policy, Boston College
Senior researcher for a US Department of Education study designed to develop research tools and methodologies to examine the use, support, and effects of instructional technology across elementary, middle, and high schools.
- 2000-2001: **Qualitative Researcher**
 Wellesley, Massachusetts Public Schools
Conducted an intensive qualitative research study of technology use and school climate across fourth grade classrooms in a suburban elementary setting.
- 2000: **Evaluator**
 Freshpond Education, Cambridge, MA
Conducted an evaluation of Choate Rosemary Hall (CT) faculty professional development program.
- 1999-2000: **Evaluator**
 South Shore Educational Collaborative (MA)
Assessment of Massachusetts teachers' early experience as participants in a virtual learning environment (Virtual High School, Inc.).

PEER-REVIEWED JOURNAL ARTICLES, BOOKS, AND BOOK CHAPTERS

- Bebell, D.** & Pedulla, J. (2015). A Quantitative Investigation into the Impacts of 1:1 iPads on Early Learner's ELA and Math Achievement. *Journal of Information Technology Education: Innovations in Practice*, 14, 191-215.
- Bebell, D.** & Petersen, R. (2015). Leveraging MOOCs for credit-granting institutions: Results from a community college pilot study. *SRN Electronic Journal*. DOI: 10.2139/ssrn.2623155.
- Bebell, D.**, Clarkson, A., & Burraston, J. (2014). Cloud computing: Short term impacts of 1:1 computing in the sixth grade. *Journal of Information Technology Education: Innovations in Practice*, 13, 129-151.
- Bebell, D.** & Burraston, J. (2014). Procedures and examples for examining a wide range of student outcomes from 1:1 student computing settings. *Revista de curriculum y formacion del profesorado* 8 (3). Retrieved from <http://www.ugr.es/local/recfpro/rev183ART8en.pdf>
- Bebell, D.**, Luthra, S., Chaudhuri, S. (2014). Collaboration and research in International Schools. *Future Forwards* (2),1. p. 57-68. Retrieved from: <http://www.asbfutureforwards-digital.com/asbfutureforwards/vol2#pg1>
- Stemler, S. & **Bebell, D.** (2012). The School Mission Statement: Values, Goals, and Identities in American Education. New York: Eye on Education/Routledge. ISBN: 978-1-59667-214-7.
- Stemler, S., **Bebell, D.** & Sonnabend, L. (2011). Using school mission statements for reflection and research. *Educational Administration Quarterly*, 47 (2): 383-420.
- Bebell, D.**, O'Dwyer, L. M., Russell, M., & Hoffman, T. (2010). Concerns, considerations and new ideas for data collection and research in educational technology studies. *Journal of Research on Technology in Education*, 43(1).
- Bebell, D.**, Russell, M., & O'Dwyer, L.M. (2010). Measuring teachers' technology uses: Why multiple-measures are more revealing. In L. Schrum (Ed.), *Considerations on Technology and Teachers: The Best of Journal of Research on Technology in Education*. Eugene, OR: International Society for Technology in Education.
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- Bebell, D.** & O'Dwyer, L. M. (2010). Educational outcomes and research from 1:1 computing settings. *Journal of Technology, Learning, and Assessment*, 9(1).
- Bebell, D.** & Kay, R. (2010). One to One Computing: A summary of the quantitative results from the Berkshire Wireless Learning Initiative. *Journal of Technology, Learning, and Assessment*, 9(2).
- O'Dwyer, L.M., Russell, M., **Bebell, D.**, & Tucker-Seeley, K. (2008). Examining the relationship between students' mathematics test scores and computer use at home and at school. *Journal of Technology, Learning and Assessment*. 6(5).
- Russell M., O'Dwyer L. M., **Bebell, D.**, & Tao, W. (2007) How teachers' uses of technology vary by tenure and longevity. *Journal of Educational Computing Research*. 37(4), 393-417.
- O'Dwyer, L.M., Russell, M., & **Bebell, D.** (2006) Identifying teacher, school and district characteristics associated with middle and high school teachers' use of technology: A multilevel perspective. *Journal of Educational Computing Research*. (24), 369-393.
- O'Dwyer, L. M., Russell, M., **Bebell, D.**, & Tucker-Seeley, K. R. (2005). Examining the relationship between home and school computer use and students' English/language arts test scores. *Journal of Technology, Learning, and Assessment*, 3(3).
- Russell, M., **Bebell, D.**, & O'Dwyer, L.M. (2005). Tracking the arc of new teachers technology use. Book chapter for: Preparing Teachers to Teach With Technology: Current Perspectives on Applied Information Technologies. Greenwich, CT: Information Age Publishing, Inc.
- O'Dwyer, L. M., Russell, M., & **Bebell, D.** (2004). Identifying teacher, school and district characteristics associated with elementary teachers' use of technology: A multilevel perspective. *Education Policy Analysis Archives*, 12(48). <http://epaa.asu.edu/epaa/v12n48/>
- Bebell, D.**, Russell, M., & O'Dwyer, L.M. (2004). Measuring teachers' technology uses: Why multiple-measures are more revealing. *Journal of Research on Technology in Education*, 37(1), 45-63.
- Russell, M., **Bebell, D.**, & Higgins, J. (2004). Laptop Learning: A comparison of teaching and learning in upper elementary equipped with shared carts of laptops and permanent 1:1 laptops. *Journal of Educational Computing Research*. 30(3), 313-330.
- Haney, W., **Bebell, D.**, & Russell, M. (2004). Drawing on education: using drawings to document schooling and support change. *Harvard Educational Review*. 74(3), 241-272.
- Russell, M., **Bebell, D.**, O'Dwyer, L.M., & O'Connor, K.M. (2003) Examining teacher technology use: implications for pre-service and in-service teacher preparation. *Journal of Teacher Education*. 54(4), 297-310.
- Russell, M., **Bebell, D.**, Cowan, J. & Corbelli, M. (2003). An AlphaSmart for each student: Does teaching and learning change with full access to word processors? *Computers and Composition*. 20, 51-76.
- Bebell, D.** & Fera, S. (2000). An analysis of English interpretations of the Tao Te Ching. *Asian Philosophy*. 10(2), 133-147.
- Wheelock, A., **Bebell, D.**, & Haney, W. (2000a). What can student drawings tell us about testing in Massachusetts. *Teachers College Record*.
- Wheelock, A., **Bebell, D.**, & Haney, W. (2000b). Student self portraits as test-takers: variations, contextual differences, and assumptions about motivation. *Teachers College Record*.

Haney, W., Fowler, C., Wheelock, A., & **Bebell, D.** (1999). Less Truth Than Error? An independent study of the Massachusetts Teacher Tests. *Education Policy Analysis Archives*. 7(4). <http://epaa.asu.edu/epaa/v7n4/>

Bebell, D., Skelly, M., Mukina, S., Koontz, C., Skinner, C., McLaren, G. (1997). Differential influence of analog and digital conspecific playback on vocal response patterns of male red-winged blackbirds (*Agelaius phoeniceus*). *Journal of the Ohio Academy of Science*, 97(2).

Skelly, M., **Bebell, D.**, Mukina, S., Koontz, C., Skinner, C., McLaren, G. (1997). Alterations in vocalizations patterns of male red-winged blackbirds (*Agelaius phoeniceus*) prior to and following arrival of female conspecifics. *Journal of the Ohio Academy of Science*, 97(2).

Antonelli, J., Mukina, S., **Bebell, D.**, Skinner, C., McLaren, G. (1996). Comparison and digital analysis of vocalization patterns in red-winged blackbirds (*Agelaius phoeniceus*). *Journal of the Ohio Academy of Science*, 96(2).

SELECTED CONFERENCE PRESENTATIONS

Mission Control: A longitudinal analysis of school purpose. Paper presented at the 50th Annual Meeting of the New England Educational Research Organization, Portsmouth, NH; April 25, 2019.

Jet engines on the stagecoach: A researcher's perspective leveraging data in your school. Invited keynote Presentation at the Fujitsu Education Ambassador's Program, Napa, CA; January 30, 2019.

Fostering reflection through teacher and student drawings, surveys, and data visualizations in K-5 math classrooms. Paper presented at the US Math Recovery Council's National Conference, Denver, CO; October 23, 2018.

Using Data to Inform Policy and Practice. Paper presented at the Annual Conference of the Association of Technology Leaders in Independent Schools (ATLIS), Washington, DC; April 15, 2018.

Using research, data, and cross-school collaboration to improve teaching, learning, and 1:1 implementation efforts! Panel Presentation at ASB Unplugged Conference, Mumbai, India; February 23, 2018.

Building the community and capacity to support data-informed reflection in your school. Keynote presentation at the first annual MassCUE Datapalooza conference, Worcester, MA; January 25, 2018.

Do we even have the right data? Invited Panelist for Blueprint for Technology in Education. Annual meeting of the Future of Education Technology Conference (FETC), Orlando, FL; January 23, 2018.

Using research to foster thoughtful and effective technology integration. Invited Keynote Presentation Technology Integration Summit at the Learning Galaxy, Mumbai India; May 26, 2017.

Collecting and leveraging data for improved reflection and congruence. Invited deep dive learning session presented at High Tech High's Annual Deeper Learning Conference, San Diego, CA; March 30, 2017.

Learning analytics in action. Invited Presentation at the Swiss Group of International Schools Sustainable Learning Conference, Zurich, Switzerland; March 11, 2017.

Is your school M.I.A.? Ideas and tools for aligning school Mission, Implementation, and Assessment. Invited presentation at the Journey Towards Personal Learning Conference, Nanjing Technical University, Singapore; September 23, 2016.

Macbooks, iPads, and iPhones: Redefining mobile learning at the THINK Global School. Poster Presented at the annual ISTE Conference, Denver, CO; June 22, 2016.

Measuring Success? An invited presentation to the Sydney Archdiocese. De La Salle College, Sydney, Australia; May 18, 2016.

How can research sustain and advance your learning initiative? Keynote Presentation at Apple Education What's Next Perth. University of Western Australia, Perth, Australia; May 9, 2016.

Trends and themes for leveraging research and reflection in the age of 1:1 computing. Keynote Presentation at the annual ICT Leadership conference of the Association of Independent Schools of New South Wales, Canberra, Australia; May 6, 2016.

Teaching, learning, and innovation. Invited presentation to the leadership and faculty at Rangsit University, Bangkok, Thailand; October 26, 2016.

Leveraging technology to advance teaching and learning. Keynote presentation at the 15th Forum of the Innovation and Development of China Education and the 2015 Exhibit of the Achievement of Educational Information Innovation, Hangzhou China; October 24, 2015.

How can research sustain and advance your learning initiative? Keynote Presentation at What's Next Sydney. UNSW City Campus, Sydney, Australia; May 22, 2015.

How can research sustain and advance your learning initiative? Keynote Presentation at What's Next Melbourne. Monash University Law Chambers, Melbourne, Australia; May 19, 2015.

Evidence: An investigation into the impacts of 1:1 iPads on early learner's ELA and math achievement. Paper presented at the Annual Leveraging Learning Institute, Lewiston, ME; November 13, 2014.

Natick Public Schools 21st Century Teaching and Learning Study: Evaluation Introduction and Baseline Results, Natick School Committee; Natick, MA; April 1, 2013.

Early results and research considerations for the study of MOOCs; Office of the President, Harvard Research Committee, Cambridge, MA; April 4, 2013

MOOCs on Campus: A Closer Examination; Keynote Presentation at the Massachusetts Colleges Online (MCO), Bridgeport, MA; June 5, 2013.

Evolving Pedagogy with 1:1 Computing and Time to Know's Digital Teaching Platform; ISTE Annual Meeting; San Antonio, TX; June 22, 2013.

MOOCs in the Community College: Implications for Innovation in the Classroom; 10th Annual Sloan Consortium Blended Learning Conference and Workshop, Milwaukee, WI; July 8, 2013.

MOOCs and the Changing Educational Landscape; Invited Symposium at Boston College, Chestnut Hill, MA; October 8, 2013.

How can research sustain and advance your learning initiative? Apple What's Next Keynote Talk. Reston, VA; October 16, 2013

Leveraging Research and Evaluation to Inform Your School's Technology Programs; Near East South Asian School Leadership Conference, Kathmandu, Nepal; October 22, 2013.

Does it Work? Looking at the Evidence; Auburn Advantage Conference, Auburn, ME; November 14, 2013.

iPads, 1:1 Computing, and MOOCs: Research on the Effects of Blended Technology on Student Engagement and Learning; Invited Speaker at the Learning and Brain Conference, Boston, MA; November 16, 2013.

Knowing and measuring success in the 1:1 classroom: A researchers perspective; Natick Public Schools Tech Day Professional Development Conference, Natick, MA; December 1, 2013.

Applying MOOCs in On-Campus Settings: Opportunities, Obstacles, and Results; Educause Annual Conference, New Orleans, LA; February 4, 2014.

Leveraging Research and Evaluation to Inform Your School's Technology Program; Invited Learning Institute; ASB Unplugged Conference, Mumbai, India; March 1, 2013.

One to One Computing: A summary of the quantitative results from the Berkshire Wireless Learning Initiative. Invited Keynote Presentation at the annual meeting of the Capital Region Society for Technology in Education. February 2010.

Using Google Apps to bolster communication, teaching, and learning. Poster presented at the Christa McAuliffe Technology Conference. December 2009.

Tech Goes Home: Strengthening community through home technology access. Invited poster presented at the Annual Meeting of National Educational Computing Conference. June 2009.

Summary of research findings from the Berkshire Wireless 1:1 laptop program. Research paper presented at the Annual Meeting of National Educational Computing Conference. June 2009.

Learning with laptops: An empirical investigation of educational practices in Boston Public Schools first middle school laptop program. Paper presented at the Annual Meeting of the New England Educational Research Organization. April 2009.

Research Findings from the Berkshire Wireless Learning Initiative. Research Paper resented at the Annual Meeting of National Educational Computing Conference. July 2008.

Examining the Impacts of 1 to 1 laptop Initiatives. Symposium presented for the Annual Meeting of American Educational Research Association, April 2008.

1:1 Computing: Year Two Results from the Berkshire Wireless Learning Initiative Evaluation. Paper presented at the Annual Meeting of the American Educational Research Association. April 2008.

Examining the Impacts of 1 to 1 laptop Initiatives. Symposium presented for the Annual Meeting of American Educational Research Association, April 2008.

Gender and Grade Differences in Internet Aggression: Development of the eBehavior Scale. Poster presented at the Biennial Meeting of the Society for Research on Adolescence, March 2008.

1 to 1 Computing: Year One Results from the Berkshire Wireless Learning Initiative Evaluation. Paper presented at the Annual Meeting of American Educational Research Association, April 2007.

Methodological challenges (and solutions) in evaluating educational technology initiatives. Paper presented at the Annual Meeting of American Educational Research Association, April 2007.

Major Findings from the USEIT Study. Research symposium presented at the Annual Meeting of American Educational Research Association, Chicago, IL, April 2006.

Research on 1 to 1 Computing in Education: Results and Recommendations. Paper and simultaneous webcast presented the Second Annual Pennsylvania State University One-to-One Educational Conference, March 2006.

Examining the relationship between computer use at home and school, and student achievement. Paper presented at the Annual Meeting of the American Educational Research Association, April 2005.

Identifying teacher, school and district characteristics associated with middle and high school teachers' use of technology: a multi-level perspective. Paper presented at the Annual meeting of the New England Educational Research Organization, April 2005.

Technology Promoting Student Excellence: Finding's from New Hampshire's Laptop Initiative. Paper presented at the Annual Meeting of the National Educational Computing Conference, June 2005.

Estimating the effect of computer use at home and in school on student achievement. Paper presented at the Annual Meeting of the National Educational Computing Conference, June 2004.

Use, support, and effect of instructional technology: major finding from the USEIT Study. Research symposium presented at the Annual Conference of the American Educational Research Association, April 2004.

Reassessing the objectives of educational accountability. Paper presented at the Annual Conference of the American Educational Research Association, April 2004.

Examining teacher technology use: implications for pre-service and in-service teacher preparation. Paper presented at the Annual Conference of the American Educational Research Association, April 2004.

Estimating the effect of computer use at home and in school on student achievement. Roundtable presented at the Annual Conference of the American Educational Research Association, April 2004.

Leading edge technology. Invited presentation to the University of Massachusetts (Lowell) Center for Field Services and Studies Superintendents' Forum, March 5, 2004.

First year results of New Hampshire's 1:1 laptop program: Technology Promoting Student Excellence. Invited presentation for New Hampshire Governor Craig Benson, NH legislators/policy makers, and press at the NH State House, January 2004.

1:1 laptops with upper elementary students. Presentation made at the 17th Annual New England Christa McAuliffe Technology Conference, December 2003.

Improving student achievement with Laptops. Presentation made at the Massachusetts Association of School Superintendents Annual Technology and Curriculum Leadership Conference, October 2003.

Qualitative Classroom Research: Blind Observation and Analysis. Paper presented at the Annual Conference of the American Educational Research Association, April 2003.

Drawing Conclusions: Using Student Drawings to Inform Teaching and Learning in a University Setting. Paper presented at the Annual Conference of the American Educational Research Association, April 2003.

Technology Use in Schools: How District, School and Student Factors Influence Instructional Use. Paper presented at the Annual Conference of the American Educational Research Association, April 2003.

Use, Support, and Effect of Instructional Technology. Paper presented at the annual meeting of the Association of Superintendents and Curriculum Directors, March 2003.

Understanding How District, School, Teacher and Student Factors Influence Technology Use in Schools. Paper presented at the annual meeting of the Eastern Educational Research Association, March 2003.

A Study of AlphaSmarts in Three Classrooms. Paper presented at the annual meeting of the National Educational Computing Conference, June 2002.

The Massachusetts Comprehensive Assessment System (MCAS) and the Purpose of School. Paper presented at the annual meeting of the New England Educational Research Organization, April 2002.

Testing Testing: School Accountability in Massachusetts and Beyond. Invited presentation at the John F. Kennedy School of Government, Harvard University. October, 2001.

Student Drawings: A New Methodology for Capturing Student Perspectives. Paper presented at the annual meeting of the American Educational Research Association, April 2001.

Draw-Redraw: Reliability of Student Drawings. Paper presented at the annual meeting of the American Educational Research Association, April 2001.

1,000 words: what can we learn from middle school students' classroom drawings. Paper presented at the Annual Meeting of the New England Educational Research Organization, April 2001.

Differential Item Functioning. Paper presented at the annual meeting of the Association for the Advancement of Educational Research, November 2000.

How We Use Student Drawings. A poster presented at the annual meeting of the New England Educational Research Organization, April 2000.

An Inquiry and Analysis of the Functional Independence Measure (FIM). Paper presented at the Second New England Objective Measurement Workshop, April 2000.

The Mission of Higher Education: An Analysis of Institutional Perspectives. Paper presented at the annual meeting of the New England Educational Research Organization, April 1999.

Using Drawings of Teaching to Promote Reflection and School Improvement. Poster presented at the annual meeting of American Educational Research Association, April 1999.

An analysis of English translations of the Tao Te Ching. Paper presented at the 20th World Congress of Philosophy, August 1998.