

Michael Russell
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Wellesley, MA 02481
(781) 237-9417

EDUCATION:

- 6/93-5/99 **BOSTON COLLEGE** Chestnut Hill, MA
Ph.D. Educational Research, Measurement and Evaluation, May 1999.
Masters in Secondary Education, May 1994.
- 9/85-5/89 **BROWN UNIVERSITY** Providence, RI
Bachelor of Arts degree in History. Senior thesis distinguished with Honors.

RESEARCH EXPERIENCE:

- 9/93-Present **CENTER FOR THE STUDY OF TESTING, EVALUATION, AND EDUCATIONAL POLICY** Chestnut Hill, MA
Senior Research Associate (7/99 – present)
Director, Technology and Assessment Study Collaborative (inTASC).
Oversee studies conducted by a team of 10-18 researchers and graduate students that focus on assessment and technology. Studies range from examining impacts of instructional uses of technology to applications of computer-based technologies to the technology of testing. (2/01 – Present)
Project Director, eLearning for Educators
Direct a 5 year effort to examine the effectiveness of on-line professional development programs developed by 9 partner states. This work is supported by a \$4.5 million, five year sub-contract from Alabama Public Television which is supported by a US Department of Education Ready to Teach grant. (9/05-Present)
Principal Investigator, New England Compact Computer-based Testing Project
Developing an a new approach to computer-based testing that probes student performance within a Grade Level Expectation by presenting items that focus on discrete aspects of complex tasks. This work is supported by a \$200,000 sub-contract from the New England Compact. (6/05-Present)
Project Director and Co-Principal Investigator, Developing Diagnostic Algebra Tests
Direct a 3 year effort to develop adaptive diagnostic algebra tests to be used to inform classroom assessment and to advance the current state of the art of state testing programs. This work is supported by a \$1 million, three grant from the Institute of Education Sciences. (9/04-Present)
Principal Investigator, Optimizing On-Line Professional Development Study.
Collaborate with EDC to direct research activities conducted by inTASC for a 3-year, \$1.8 million study funded by NSF to conduct a series of randomized experiments designed to optimize the effect of on-line professional development on teacher knowledge and practices. (6/03-Present)
Principal Investigator, Computer-based Test Delivery and Accommodation Studies.
Direct an 18-month, \$400,000 series of studies conducted for the New England Compact to examine mode of administration effects and validity of accommodations provided via computer-based tests for state testing programs. (5/03-Present)
Principal Investigator, Use, Support, and Effect of Instructional Technology (USEIT) Study.
Direct a three year \$1.7 million US DoE funded study conducted across twenty-four districts

- to examine the relationships among district support of technology, classroom use of technology and impacts on student learning. (2/01 – 3/04)
- Principal Investigator, Journal of Technology, Learning and Assessment.*
Established and edit a peer-reviewed scholarly on-line journal. (1/02 – Present)
- Principal Investigator, Talking Tactile Tablet Test Accommodation Studies.*
Direct research activities for a two-year study of the use of the TTT as an instructional and test accommodation tool for blind and visually impaired students. (10/02-Present)
- Co-Principal Investigator, mCLASS Reliability Study.*
Examining the reliability of a PalmPilot-based tool developed to facilitate assessment of early readers. (4/03-12/03)
- Research Fellow, National Board on Educational Testing and Public Policy:* Participated in a study that focused on effects of state-testing programs on teacher and school practices. The study included a nationally representative survey of 12,000 teachers and case studies in four states. (6/00-3/03)
- Principal Investigator, Surgical Simulation Validation Studies.*
Directed a two-year investigation into the validity of surgical simulators and uses of data collected while working with surgical simulators. (10/01 – 6/03)
- Principal Investigator, Rhode Island Department of Education Standards-Based Reform.*
Conducted an impact evaluation that focused on changes in teachers' practices as a result of statewide standards-based reform efforts. (9/98-9/01)
- Principal Investigator, Wellesley Curriculum Technology Program Evaluation:* Designed, developed, and conducted a series of studies that examined the distribution and access of technology across the Wellesley Public Schools system, the support structures provided, and the resulting effects on student and teacher technology use. (4/99-6/01)
- Principal Investigator, Virtual High School Teacher Preparation Program:* Designed, developed, and conducted an evaluation program that examines the accessibility, utility, and effectiveness of an on-line teacher training program designed to help high school teachers develop and deliver on-line courses. (10/99-6/00)
- Principal Investigator, Co-NECT Longitudinal Outcomes Study:* Collected and analyzed educational outcome data to examine the impact the Co-NECT School Design model had on student learning and attitudes toward school. (7/99- 9/00)
- Research Associate** (9/94 – 6/99)
- Co-Principal Investigator, Drawing on Education:* Studied the feasibility of and technical issues related to using student drawings to illuminate classroom practices. (6/98-12/01)
- Research Fellow, National Board of Educational Testing and Public Policy:* Participated in a study focusing on the role of tests and testing programs in college admissions in light of changes in affirmative action policies. (9/98-6/01)
- Project Director, Vanguard for Learning:* Designed and oversaw data collection and analysis for the Vanguard Project, a project funded by the National Science Foundation to study strategies for initiating and supporting systemic change across school systems. Performed a study involving six classrooms in two schools located in Aviano, Italy examining the effects classroom standards have on student achievement. (7/96-9/98)
- Research Associate, Clark Middle Schools Standards Project:* Provided technical assistance to six urban school districts implementing standards based reform. Worked with two schools in Minneapolis, MN to use exploratory data analysis techniques and case studies to develop strategies to improve student performance. (9/95-9/98)

Co-Principal Investigator, Co-NECT, Phase II: Worked with schools in Dade County, FL, Memphis, TN, and Juneau, AK receiving New American Schools funding to implement comprehensive, school wide assessment programs. Worked with teachers and administrators to use assessment results to establish and measure school-wide goals. Designed and authored computer based assessments, custom data entry/analysis tools, and an item databank/search engine. (9/95-9/96)

Research Associate, Co-NECT, Phase I: Implemented comprehensive assessment model in schools receiving New American Schools funding in Worcester, MA, Boston, MA, Hammond, IN, and Juneau, AK. Initiated a study on the effect writing assessments performed via paper-and-pencil have on the performance of students accustomed to writing on a computer. (9/94-9/95)

Graduate Assistant. Performed data analysis and interpretation for alternative assessments administered to samples of students at the Advanced Learning Laboratory (ALL), a school participating in the Cooperative Networked Educational Community of Tomorrow (Co-NECT) Project. (9/93-5/94)

TEACHING EXPERIENCE

Boston College – Lynch School of Education Chestnut Hill, MA

Associate Professor. Teach graduate Statistics, Computers and Assessment courses, and undergraduate Classroom Assessment courses. (3.05 – Present)

Assistant Professor. (9/02-3/05)

Assistant Research Professor. Teach undergraduate Classroom Assessment and Research Methods and Analysis courses. (5/00 – 8/02)

Advisor. Professional Development Seminar for Freshman. (9/99 – present)

Adjunct Lecturer. Taught undergraduate level Classroom Assessment courses. (9/97 - 12/97, 1/01-8/02)

St. Joseph's College of Maine Standish, ME

Instructor. Developed and taught an internet-based distance learning graduate level course on Assessment In and Beyond the Classroom. (2/00 - 2/02)

California State University at San Marcos

Adjunct Lecturer. Taught an internet-based distance learning graduate level course on Standards and Assessment to teachers in the Department of Defense School System accredited through CSU San Marcos. (1/97 - 8/97)

Cambridge Rindge and Latin High School Cambridge, MA

Student Teacher. Taught senior level Geography of Islam, junior level U.S. History and sophomore level World History in which multi-media and computer technology was integrated on a daily basis. Authored several educational HyperCard programs. Also provided HyperCard instruction to faculty members. (10/93 - 4/94)

Professional Development Group, Inc. Boston, MA

Courseware Developer/Instructor. Developed, designed, and authored instructional courseware materials, including over 20 books, for computer software courses. (10/92 – 9/93)

Peer-Reviewed Articles:

Landau, S., **Russell, M.**, & Erin, J. (in press, 2006). The use of the Talking Tactile Tablet as a testing accommodation. Review, 37.

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. 369-393 (24)

- Higgins, J., **Russell, M.**, & Hoffmann, T. (2005). Examining the effect of computer-based passage presentation on reading test performance. *Journal of Technology, Learning, and Assessment*, 3(4). Available from <http://www.jtla.org>
- 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.
- O'Dwyer, L.M., **Russell, M.**, Bebell, D. (In press) Identifying Teacher, School and District Characteristics Associated with Middle and High School Teachers' Use of Technology: A Multilevel Perspective. *Journal of Educational Computing Research*. Expected publication date: Fall/winter 2005.
- 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). Available from <http://www.jtla.org>.
- O'Dwyer, L. M., **Russell, M.** & Bebell, D. J. (2004). Identifying teacher, school and district characteristics associated with elementary teachers' use of technology: A multilevel perspective. *Education Policy Analysis Archives*, 12(48). Retrieved September 14, 2004 from <http://epaa.asu.edu/epaa/v12n48/>
- ***Russell, M.**, Cowan, C., & Raczek, S. (2004). Accountability California style: Counting or accounting for educational impacts. *Teachers College Record*, 106(11).
- ***Russell, M.**, Bebell, D. & Higgins, J. (2004). Laptop learning: A comparison of teaching and learning in upper elementary classrooms equipped with shared carts of laptops and permanent 1:1 laptops. *Journal of Educational Computing Research*, 31(2) 313-330.
- ***Russell, M.** & Abrams, L. (2004). Instructional uses of computers for writing: How some teachers alter instructional practices in response to state testing. *Teachers College Record*, 106(6) 1332-1357.
- ***Russell, M.** & Tao, W. (2004). The influence of computer-print on rater scores. *Practical Assessment, Research, and Evaluation*, 9(10).
- ***Russell, M.** & Tao, W. (2004). Effects of handwriting and computer-print on composition scores: A follow-up to Powers et al. *Practical Assessment, Research, and Evaluation*, 9(1).
- *Bebell, D., **Russell, M.**, & O'Dwyer, L. (2004). Measuring teachers' technology uses: Why multiple-measures are more revealing. *Journal of Research on Technology in Education*, 37(1) 45-64.
- *O'Dwyer, L., **Russell, M.** & Bebell, D. (2004). Identifying teacher, school and district characteristics associated with teachers' use of technology: A multilevel perspective. *Educational Policy Analysis Archives*, 12(48). Available: <http://epaa.asu.edu/epaa/v12n48/v12n48.pdf>
- *Haney, W., **Russell, M.** & Bebell, D. (2004). Drawing on education. *Harvard Education Review*. 74(3) 241-272.
- ***Russell, M.**, Goldberg, A. & O'Connor, K. (2003). Computer-based testing and validity: A look back and into the future. *Assessment in Education*, 10(3) 279-293.
- ***Russell, M.**, Bebell, D., O'Dwyer, L., & O'Connor, K. (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., and 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.
- *Landau, S., **Russell, M.**, Gourgey, K., Erin, J., & Cowan, J. (2003). Use of the Talking Tactile Tablet in mathematics testing. *Journal of Visual Impairment and Blindness*, 97(2) 85-96.
- *Goldberg, A., **Russell, M.**, & Cook, A. (2003). Effects of computers on student writing: A meta-analysis of research 1992-2002. *Journal of Technology, Learning and Assessment*, 2(1). Available: <http://www.bc.edu/research/intasc/jtla/journal/v2n1.shtml>.
- ***Russell, M.** & Plati, T. (2002). Does it matter with which I write: Comparing performance on paper, computer and portable writing devices. *Current Issues in Education* [On-line], 5 (4). Available: <http://cie.ed.asu.edu/volume5/number4/>
- ***Russell, M.** (2002). It's Time to Upgrade: Tests and administration procedures for the new millennium. *Essays in Education*, 1(1). [Available online: http://www.columbiacollegesc.edu/essays/vol.%201%20spring%202002/time_to_upgrade_revised.pdf]
- *Koretz, D., **Russell, M.**, Shin, D., Horn, C., & Shasby, K. (2002). Testing and diversity in postsecondary education: The case of california. *Educational Policy Analysis Archives*, 10(1). Available: <http://epaa.asu.edu/epaa/v10n1/>.
- ***Russell, M.** & Plati, T. (2001). Effects of computer versus paper administration of a state-mandated writing assessment. *Teachers College Record*. Available: <http://www.tcrecord.org/Content.asp?ContentID=10709>
- ***Russell, M.** (2000). Summarizing change in test scores part I: Shortcomings of three common methods. *Practical Assessment, Research and Evaluation*, 7(5). Available: <http://ericae.net/pare/getvn.asp?v=7&n=5>
- ***Russell, M.** (2000). Summarizing change in test scores part II: Using expected growth size estimates to summarize test score changes. *Practical Assessment, Research and Evaluation*, 7(6). Available: <http://ericae.net/pare/getvn.asp?v=7&n=6>
- ***Russell, M.** & Haney, W. (2000). Bridging the gap between testing and technology in schools: Four policy options. *Educational Policy Analysis Archives*, 8(19). Available: <http://epaa.asu.edu/epaa/v8n19.html>
- ***Russell, M.** (1999). Testing writing on computers: A follow-up study comparing performance on computer and on paper. *Educational Policy Analysis Archives*, 7(20). Available: <http://epaa.asu.edu/epaa/v7n20/>
- ***Russell, M.** & Haney, W. (1997). Testing writing on computers: An experiment comparing student performance on tests conducted via computer and via paper-and-Pencil. *Educational Policy Analysis Archives*, 5(3). Available: <http://epaa.asu.edu/epaa/v5n3.html>

Books:

Russell, M. (2006). *Technology and Assessment: The Tale of Two Perspectives*. Greenwich, CT: Information Age Publishing

Monographs and Chapters:

Russell, M., Higgins, J., & Hoffmann, T. (2004). *Examining the effect of text editor and robust word processor use on student writing test performance*. Chestnut Hill, MA: Technology and Assessment Study Collaborative, Boston College.

- Miranda, H. Russell, M., Seeley, K., & Hoffmann, T. Examining the feasibility and effect of computer-based verbal response to open-ended reading comprehension test items. Chestnut Hill, MA: Technology and Assessment Study Collaborative, Boston College.
- Miranda, H., Russell, M., & Hoffmann, T. (2004). Examining the feasibility and effect of a computer-based read aloud accommodation on mathematics test performance. Chestnut Hill, MA: Technology and Assessment Study Collaborative, Boston College.
- Higgins, J., Russell, M., & Hoffmann, T. (2004). Examining the effect of computer-based passage presentation on reading test performance. Chestnut Hill, MA: Technology and Assessment Study Collaborative, Boston College.
- Technology and Classroom Assessment: A Look into the Future. (Russell, M., Higgins, J., & O'Connor, K.) (2003). (In *Perspectives*, Massachusetts Association of Supervision and Curriculum Development).
- Assessing effects of technology on learning: Limitations of today's standardized tests. (Russell, M. & Higgins, J.) (2004). (In I. Zimmerman & A. Frederick-Kouffman, *Mission: Possible*, Washington, DC: Association for Supervision and Curriculum Development.).
- An Overview of the USEIT Study and the Participating Districts.* (Russell, M., Bebell, D., & O'Dwyer, L.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Student's Beliefs, Access, and Use of Computers in School and at Home.* (Russell, M., O'Brien, E., Bebell, D., & O'Dwyer, L.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Teachers' Beliefs About and Use of Technology: Enhancing the Use of Technology for New and Veteran Teachers.* (Russell, M., Bebell, D., O'Dwyer, L. & O'Connor, K.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Teachers' Beliefs About Technology and Instruction.* (Higgins, J. & Russell, M.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Teachers' Beliefs About Technology-Related Professional Development.* (Higgins, J. & Russell, M.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Teachers' Beliefs About Vision and Leadership.* (Higgins, J. & Russell, M.) (2003). Chestnut Hill, MA: Technology and Assessment Study Collaborative.
- Perceived Effects of State-Mandated Testing Programs on Teaching and Learning: Findings from a National Survey of Teachers.* (Pedulla, J. J., Abrams, L. M., Madaus, G. F., Russell, M. K., Ramos, M. A., & Miao, J.) (2003). Chestnut Hill, MA: National Board on Educational Testing and Public Policy.
- California's Accountability System and the API: Expert Report Submitted for Eliezer Williams vs. State of California. (Russell, M.) (2002). Available: <http://www.decentsschools.com/experts.php?sub=per>.
- *How Computer-based Technologies Can Disrupt the Technology of Testing. (Russell, M.) (2002). (In *Technology and Assessment: Thinking Ahead*, Washington, DC: National Research Council).
- Framing Technology Program Evaluations. (Russell, M.) (2001). (In W. Heinecke and L. Blasi, *Methods of Evaluating Educational Technology*, Greenwich, CT: Information Age Publishing.).
- Testing and Diversity in Postsecondary Education: The Case of California.* (with D. Koretz, D. Shin, C. Horn & K. Shasby) (2001). Chestnut Hill, MA: National Board on Educational Testing and Public Policy.
- Working Wonders: Impacts on Classroom Practices.* (Russell, M. & S. Gracia) (2001). Providence, RI: Rhode Island Department of Education.

- Working Wonders: A Collection of Student Work with Teacher Commentary.* (Russell, M. & K. Nolan) (2001). Providence, RI: Rhode Island Department of Education.
- Mode of Administration Effects on MCAS Composition Performance for Grades Eight and Ten.* (Russell, M.) (2000). Chestnut Hill, MA: National Board on Educational Testing and Public Policy.
- Working Wonders: Cases of Change in the Elementary School Standards and Assessment Network.* (Russell, M., S. Gracia & S. Henderson) (2000). Providence, RI: Rhode Island Department of Education.
- The Gap Between Testing and Technology. (Russell, M. & W. Haney) (2000). Report published by the National Board on Educational Testing and Public Policy.

Papers and Presentations:

- Use, Support, and Effect of Instructional Technology: Major Findings from the USEIT Study. (with D. Bebell, L. O'Dwyer, & H. Miranda). A symposium at the American Education Research Association Annual Meeting, April 2004.
- Looking at Technology through the Lens of a Teacher. A paper presented at the American Education Research Association Annual Meeting, April 2004.
- Estimating the Effect of Computer Use at Home and In School on Student Achievement, a roundtable paper presented at the American Education Research Association Annual Meeting, April 2004.
- Essential Dimensions of Successful Instructional Technology Programs: The USEIT Site Visit Study. (with H. Miranda). A paper presented at the American Education Research Association Annual Meeting, April 2004.
- One-to-One Laptops: Effects on Teaching and Learning. (with D. Bebell). A paper presented at the National Education Computing Conference, June 2004.
- What Leaders Can Do to Affect Classroom Technology Use. A paper presented at the National Education Computing Conference, June 2004.
- Improving Assessment Access through Computer-based Accommodations. (with B. Dolan, H. Miranda, S. Landau, & J. Tindal). A symposium at the National Conference on Large-Scale Assessment, June 2004.
- Research on the Presentation Effect of Computer-based Testing. (with B. Dolan, J. Higgins, & J. Poggio). A symposium at the National Conference on Large-Scale Assessment, June 2004.
- Technology-Based Testing: Is Our Drive for Efficiency Missing Opportunities to Enhance Quality and Utility of Testing? A Keynote address at the Joint Forum on Technology Enhanced Assessment sponsored by CoSN, ISTE, & SETDA, October, 2003.
- Technology-Based Testing: Is Our Drive for Efficiency Missing Opportunities to Enhance Quality and Utility of Testing? A Keynote address at the Joint Forum on Technology Enhanced Assessment sponsored by CoSN, ISTE, & SETDA, October, 2003.
- What We Can Do to Make Technology Work. A Spotlight Research Paper presented at the National Education Computing Conference, July 2003.
- Using Digital Technologies to Improve Test Accuracy, Accessibility and Fairness: Standardization & Flexibility: Implications for Validity and Comparability. A paper presented at the National Conference on Large-Scale Assessment, June 2003.
- Technology Research: A Focus on Four Under-Used Methodologies. (with B. Bebell, L. O'Dwyer, H. Becker, & J. Ravitz). A Symposium at the American Education Research Association Annual Meeting, April 2003.

Technology Use in Schools: How District, School, and Student Factors Influence Instructional Use. (with D. Bebell & L. O'Dwyer). An invited address to the Computer Applications in Education SIG at the American Education Research Association Annual Meeting, April 2003.

The Journal of Technology, Learning, and Assessment: A Scholarly Resource for Researchers, Developers, and Teachers. An interactive presentation presented at the American Education Research Association Annual Meeting, April 2003.

Test-Based Accountability and Intervention: Detecting, Preventing, and Correcting Problems of Adequacy, Equity, and Access in a Standards Based Educational System. (with Heinrich Mintrop). A paper presented as part of a Presidential Invited Session at the American Educational Research Association Annual Meeting, April 2003.

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

Understanding How District, School, Teachers and Student Factors Influence Technology Use in Schools. (with D. Bebell & L. O'Dwyer). Paper presented at the annual meeting of the Eastern Educational Research Association, March 2003.

Preliminary Findings from the USEIT Study. An invited address to the Bedford School District, October 2002.

Technology Support and Impact: Preliminary Findings. An invited presentation at the Massachusetts Superintendents Technology Conference, October 2002.

A Study of Alphasmarts in Three Classrooms. (with D. Bebell). Paper presented at the Annual Meeting of the National Educational Computing Conference, June 2002.

Technology and Research. An invited presentation to the Northeast and Islands Regional Technology in Education Consortium, June 2002.

Technology and Assessment: The Case of Line Item 7010-0005. An invited presentation to the Massachusetts Technology Leadership Conference, May 2002.

Testing and Computers. An invited paper presented to the National Research Council, November 2001.

Evaluating Educational Technology: Challenges and Promising Practices. Invited address, Massachusetts Superintendent Associations Annual Leadership Conference, November 2001.

Learning from the Districts We Study: Technology in Wellesley Public Schools. Invited address, Massachusetts Technology Conference, October 2001.

The Influence of Computer-Print on Rater Scores. A paper presented at American Education Research Association Annual Meeting, April 2001.

Testing and Technology. Invited Symposium, Center for Applied Special Technology, February 2000.

Evaluating the Impacts of Educational Technologies. Invited address, Burlington, MA, March 2000.

Computer Use in Schools: Implications for the Testing of Writing. Invited address at the Educational Testing Service, June 2000.

Evaluating District-Level Technology Programs. Invited address at the Mass Network Leadership Conference, July 2000.

Evaluating Educational Technology: Measuring 21st Century Applications with 20th Century Instruments. White paper prepared for the US Department of Education Conference on Evaluating Educational Technology, September 2000.

Mode of Administration Effects for Grades Four, Eight and Ten. A paper presented at American Education Research Association Annual Meeting, April 2000.

Educational Technology Evaluations: Critical Issues to Consider. Massachusetts Superintendents' Technology Leadership Conference, October, 1999.

Is MCAS Shortchanging Our Tech Savvy Students? (1999). *High_Tech@ma.schools.k12*, 6(Fall).

Low-tech Tests Shortchange High-tech Students. (with W. Haney) (1999). *The Christian Science Monitor*, July 1.

Validity and Reliability of Information Gleaned from Student Drawings. (with W. Haney). A paper presented at American Education Research Association Annual Meeting, March 1999.

Rethinking School Accountability. An invited address at the Mosaica Charter School Conference, February, 1999.

Exploratory Data Analysis. A paper presented at the American Education Research Association Annual Meeting, March 1998.

Drawing on Education: Using Student Drawings to Promote Middle School Reform. (with W. Haney, C. Gulek, and E. Fierros). (1998). *Schools in the Middle*, January/February, 1998.

Drawing on Drawings to Document Classroom Practices. An invited address at the Harvard School of Education, March 1998.

Rethinking Classroom Practices: What TIMSS Can Tell Us. An invited address at the East Bay Educational Collaborative, Rhode Island, May 1998.

Promoting School Level Reflection: The Co-NECT School Accountability Model. A paper presented at the American Education Research Association Annual Meeting, March 1997.

Inter-Rater Reliability Revisited. A paper presented at the New England Educational Research Organization Annual Meeting, Portsmouth, NH, April, 1997.

Considering Differences in Rater Severity when Comparing Performance on Open-ended Items Overtime. A paper presented at the New England Educational Research Organization Annual Meeting, Portsmouth, NH, April, 1997.

Using and Reporting on Multiple Forms of Assessment. A Presentation at the National Council on Middle Schools: Middle School Reform Conference, Mobile, AL, February, 1996.

Testing Writing on Computers: Results of a Pilot Study to Compare Student Writing Test Performance via Computer or via Paper-and-Pencil. A paper presented at the Mid-Atlantic Alliance for Computers & Writing Conference, Blacksburg, VA, October, 1996.

The Student Profile System (Socrates): An Independent Review. (1996). A report commissioned by the New Hampshire Business Alliance.

SCHOLARLY CONTRIBUTIONS, SERVICE, AND AWARDS:

Faculty Teaching, Advising, and Mentoring Award – Boston College

Received two \$7,500 grants to develop a dynamic, computer-based tool to be used by statistics instructors to explore concepts related to correlation and regression. Available on-line at <http://www.bc.edu/research/intasc/tools.shtml>. (5-8/03 and 5-8/04)

Journal of Technology, Learning and Assessment

Chief Editor. An on-line journal published by the Technology and Assessment Studies Collaborative (inTASC) and the Center for the Study of Testing, Evaluation and Educational Policy (CSTEPP) at Boston College. (01/02 – Present)

Practical Assessment, Research and Evaluation

Editor. An on-line journal published by the ERIC Clearinghouse on Assessment and Evaluation (ERIC/AE) and the Department of Measurement, Statistics, and Evaluation at the University of Maryland, College Park. (11/99 – Present)

AERA SIG Communication of Research

Secretary/Treasurer. (4/03-Present)

Massachusetts Educational Technology Advisory Council

Member of the Technology and Assessment Subcommittee. Advise the State Assessment Department of opportunities to employ computer-based testing to enhance the state assessment system. (2/03-6/03)

State Educational Technology Directors Association

Experts Panel. Conference on Research-Based Evidence and Technology. (Dec 02)

Education Policy Committee, Lynch School of Education.

Appointed Member. (5/03-Present)

Nominating Committee, Lynch School of Education.

Elected Member. (9/03-Present)

Collaborative Center Design Committee, Boston College.

Elected Member. (9/03-Present)

LSOE Technology Committee

Member. (4/01-Present)

LSOE Instruction Technology Classroom Design Committee

Member. (9/02-Present)

Classroom Assessment Redesign Committee

Member. (10/02-Present)

LSOE Search Committee Membership

Psychometrics/Statistics Position, ERME. (02-03)

Science/Instructional Technology Position, Teacher Education. (02-03)

Evaluation/Research Methods Position, ERME. (02-Present)

Dissertation Committees

Susan Gracia, Reader. (99-00)

Damian Bebell, Chair. (02-03)

Jere Turner, Reader. (02-03)

Julie Miles, Chair. (03-Present)

Helena Miranda, Chair. (03-Present)

Linda Ferguson, Reader. (02-Present)

Jamillah Grant, Reader. (02-Present)

Journal Manuscript Reviews (Since '02)

Journal of Teacher Education (3)

American Educational Research Journal (2)

Educational Evaluation and Policy Analysis (2)

Practical Assessment, Research and Evaluation (20)

Journal of Technology, Learning, and Assessment (24)

AERA Proposal Reviews (Since '02)

Annual Meeting 2003 (16)

Annual Meeting 2004 (12)

McGraw Hill

Technical Reviewer. Reviewed manuscripts that address issues related to testing and assessment in K-12 schools. (2/00 – 7/00)

Office of Education Research and Information

Advisory Panel. Provided advice on methods for assessing educational technology, including the development of a computer literacy component for NAEP. (2/99)

WORKSHOPS:

Data-driven Decisions. East Bay Educational Collaborative, Rhode Island. 1998.

Aligning Standards and Curriculum. East Bay Educational Collaborative, Rhode Island. 1998.

Exploratory Data Analysis. Blackstone Regional Vocational Education Program, MA. 1998.

What TIMSS Tells Us About Teaching Math. East Bay Educational Collaborative, Rhode Island. 1998.

Using DataDesk to Explore Student Performance. Minneapolis Public Schools. 1998.

Performance Assessment in Math and Science. East Bay Educational Collaborative, Rhode Island. 1998.

Designing Assessment Systems for Classroom Technology Programs. Aviano, Italy. 1998.

Multiple Forms of Assessment. Aviano, Italy. 1997.

Performance Assessment: An Alternative Approach to Assessing Student Learning. East Bay Educational Collaborative, Rhode Island. 1997.

Introduction to Performance Assessment. East Bay Educational Collaborative, Rhode Island. 1997.

Alternative Assessment in the Classroom: A Three Day Series. Watertown Public Schools, MA. 1996.

Introduction to Alternative Assessment. Marblehead, MA. 1996.

SOFTWARE:

On-line Writing Test (2004, with Tom Hoffmann and Jessica Yue)

Read Aloud Mathematics Test (2004, with Tom Hoffmann and Jessica Yue)

Respond Aloud Reading Test (2004, with Tom Hoffmann and Jessica Yue)

Computer-based Reading Test (2004, with Tom Hoffmann and Jessica Yue)

Technology Fluency Test (2004, with Tom Hoffmann and Jessica Yue)

Visual Exploration of Correlation and Regression (2003, with Tom Hoffmann)

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