

Publications from 2004 - 2009

*ERME Faculty in **bold**; Current and former ERME Graduate Students **underlined in bold**.

❖ Under Review

Chapman, L. & **Ludlow, L.H.** (under review). Can downsizing college class sizes augment student outcomes: An investigation of the effects of class size on student learning.

O'Dwyer, L.M. & **Kavanaugh, M.** (In review). Gender Differences in Mathematics Achievement: Exploring the Lower-level Mediation Effects of Self-Efficacy. *Journal of Educational Psychology*.

Tucker-Seeley, K., **Russell, M.** & **O'Dwyer, L.M.** (in review). The effects of using Likert vs. visual analog scale response options on the outcome of a Web-based survey of 4th through 12th grade students: Data from a randomized experiment. *Behavior Research Methods*.

❖ In Press

Haley SM, Ni PS, Jette AM, **Tao W.** Moed R, Meyers D, Zurek M & **Ludlow LH** (in press). Replenishing computer adaptive testing (CAT) of daily activities: Analyzing the impact of pre-test items. *Quality of Life Research*.

Russell, M.K., **O'Dwyer, L.M.**, & **Miranda, H.** (In press). Diagnosing Students' Misconceptions in Algebra: Results from an Experimental Pilot Study. Accepted for publication in the journal of Behavior Research Methods. (Expected publication date in spring 2009).

❖ 2008

Enterline S. Cochran-Smith M, **Ludlow LH** & **Mitescu E.** (2008). Learning to teach for social justice: Measuring change in the beliefs of teacher candidates. *The New Educator*, 4, 267-290.

Ludlow LH, **Pedulla J**, **Enterline SE**, Cochran-Smith M, Loftus F, **Salomon-Fernandez Y** & **Mitescu E.** (2008). From students to teachers: Using surveys to build a culture of evidence and inquiry. *European Journal of Teacher Education*, 31(4), 319-337.

Ludlow, LH, **Enterline, S** & Cochran-Smith, M (2008) Learning to Teach for Social Justice—Beliefs scale: An application of Rasch measurement principles. *Measurement and Evaluation in Counseling and Development*, 20, 194-214.

Mullis, I.V.S., **Martin, M.O.**, & Foy, P. (with Olson, J.F., **Preuschoff, C.**, **Erberber, E.**, **Arora, A.**, & Galia, J.) *TIMSS 2007 International Mathematics Report: Findings from IEA's Trends in International Mathematics and Science Study at the Fourth and Eighth Grades*. TIMSS & PIRLS International Study Center, Chestnut Hill, MA. Boston College, 2008.

Martin, M.O., Mullis, I.V.S., & Foy, P. (with Olson, J.F., **Erberber, E.**, **Preuschoff, C.**, & Galia, J.). *TIMSS 2007 International Science Report: Findings from IEA's Trends in International Mathematics and Science Study at the Fourth and Eighth Grades*. TIMSS & PIRLS International Study Center, Chestnut Hill, MA. Boston College, 2008.

Mullis, I.V.S., Martin, M.O., Olson, J.F., Berger, D.R., Milne, D., & Stanco, G.M. (eds.). *TIMSS 2007 Encyclopedia: A Guide to Mathematics and Science Education Around the World (Volumes 1 and 2)*. TIMSS & PIRLS International Study Center, Chestnut Hill, MA. Boston College, 2008.

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).

❖ 2007

Kennedy, A.M., Mullis, I.V.S., Martin, M.O., & Trong, K. (eds. *PIRLS 2006 Encyclopedia: A Guide to Reading Education in the Forty PIRLS 2006 Countries.*). Chestnut Hill, MA. Boston College, 2007.

Mullis, I.V.S., Martin, M.O., & Arora, A. *Developmental Project to Establish a Problem-solving Scale for TIMSS 2003 at the Eighth Grade: A Discussion Paper*. Chestnut Hill, MA. Boston College, 2007.

Martin, M.O., Mullis, I.V.S., & Kennedy, A.M. (eds.). *PIRLS 2006 Technical Report*. Chestnut Hill, MA. Boston College, 2007.

Mullis, I.V.S., Martin, M.O., Kennedy, A.M., & Foy, P. *PIRLS 2006 International Report: IEA's Progress in International Reading Literacy Study in Primary Schools in Forty Countries*. Chestnut Hill, MA. Boston College, 2007.

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.

❖ 2006

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)

Garden, R.A., Lie, S., Robitaille, D.F., Angell, C., **Martin, M.O., Mullis, I.V.S., Foy, P., & Arora, A.** *TIMSS Advanced 2008 Assessment Frameworks*. Chestnut Hill, MA. Boston College, 2006.

Pedulla, J.J & Bebell, D. (May, 2006) Annual evaluation report of FIPSE grant "Advanced Technologies for Using Assessment Data to Improve Student Achievement."

Pedulla, J.J. & Rhoades, K. (April, 2006) Annual evaluation report to IES on E-Learning for Educators.

Pedulla, J.J. & Rhoades, K. (May, 2006) Annual evaluation report to Alabama Public Television on E-Learning for Educators.

Pedulla, J.J., Rhoades, K. & Smith, K. (August, 2006) Evaluation of E-Learning for Educators' Facilitator Training.

❖ 2005

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>

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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>.

Pedulla, J.J. & Poggio, J.P. (2005) Revised IFG instrument will align the measure with the pastoral plan for adult faith formation. *Momentum*, 36(4), 38-41.

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❖ 2004

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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.

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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.

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Martin, M.O., Mullis, I.V.S. & Gonzalez, E.J. Home environments fostering children's reading literacy: results from the PIRLS 2001 study of reading literacy achievement in primary schools in 35 countries. In C. Papanastasiou (Ed.), *Proceedings of the IEA International Research Conference (IRC-2004): PIRLS Vol. 3*. Nicosia, Cyprus: Cyprus University Press, 2004.

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Mullis, I.V.S., Martin, M.O., Gonzalez, E.J. & Chrostowski, S.J. *TIMSS 2003 International Mathematics Report: Findings from IEA's Trends in International Mathematics and Science Study at the Fourth and Eighth Grades*. Chestnut Hill, MA. Boston College, 2004.

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