

**Mary L. Zanetti****Education**

Ed.D., Research and Evaluation Methods Program, University of Massachusetts Amherst  
 M.Ed., Educational Policy, Research, and Administration, University of Massachusetts Amherst  
 B.S., Business Administration, North Adams State College, North Adams, Massachusetts

**Research, Teaching, and Administrative Experience**

University of Massachusetts Medical School

Institutional Research Officer 2003-present

Senior Director, Division of Research, Evaluation, & Assessment

Assistant Professor, Quantitative Health Sciences

Responsibilities include:

\*oversight of gathering, analyzing, and reporting institutional research data which supports numerous critical functions outlined in the medical school's mission for health science professionals

\*strategic program evaluation for University of Massachusetts Medical School, which includes 3 schools (School of Medicine, Graduate School of Nursing, & Graduate School of Biomedical Sciences)

\*leading multiple stakeholders in mission critical initiatives

\*administrative reporting (e.g., educational performance measures and quality indicators for mission-based management), course and faculty evaluation, assessment needs, accreditation for LCME and NEASC

\*conducting research in medical education and assisting faculty by providing consultation and support in the following areas: study design, implementation, data analysis, and reporting of results at national meetings and in peer-reviewed publications.

**Invited presentations:**

Medical Education & Research Seminar Series (September 2008 - present)

Faculty Immersion Program with Harvard Medical School (August 2009)

Turning Everyday Work into Research Faculty Development Session at  
 Society of Directors of Research in Medical Education Annual Meeting (July 2008)

Medical Interviewing Faculty Development Workshop for School of Medicine (April 2008)

Excel Training Seminar for Office of Faculty Affairs (November 2006 & May 2008)

Item Writing Seminar for School of Medicine, Graduate School Nursing &  
 Office of Faculty Affairs (February 2004, October 2005, July 2006, & September 2009)

Test Construction Workshop for School of Medicine Basic Science faculty (December 2004)

Connecticut State Department of Education 2002-2003

National Assessment of Educational Progress (NAEP) State Coordinator

University of Massachusetts Amherst 1997-2002

Research/Teaching Assistant and Statistical Consultant

Greater Pioneer Valley School to Career Partnership, Chicopee, MA 1998-1999  
 Career Specialist

Ludlow High School & Minnechaug Regional High School, Ludlow & Wilbraham, MA 1995-1998  
 Substitute Teacher [MA Cert. # 337383]

Ludlow School Committee Member [Chairman, 1996-1997] 1993-1997

Massachusetts Mutual Life Insurance Company, Springfield, MA 1983-1989  
 Benefit Analyst

## **Leadership, Service, Grants, and Distinctions**

Donald W. Reynolds Foundation Comprehensive Programs to Strengthen Physicians' Training in Geriatrics; Geriatrics Education: A Model Curriculum Across the Medical Education Continuum (January 2009 – present)

Learner-centered Integrated Curriculum (LInC) Consultant & Retreat Facilitator (2008-present)

LInC Evaluation & Assessment Design Team Chair (August 2009-present)

Chancellor's Alumni Initiative Project Lead (May 2009-present)

University of Massachusetts Medical School NBME Step 1 Ad Hoc Task Force Chair (2009), Member (2010-present)

University of Massachusetts President's Office; A Multidisciplinary Simulator Based Approach for Teaching and Learning Central Venous Catheter Insertion Grant (2007-2008)

Greater Springfield Chamber of Commerce Leadership Institute (Fall 2008)

University of Massachusetts Medical School Civility Committee Member (2008-present)

Attorney General Consumer and Prescriber Education Grant (Marketing of Medicines) (2006-2008)

Clinical & Translational Science Operations Committee Member (2006-2008)

National Institute on Drug Abuse; Massachusetts Consortium NIDA Center for Excellence for Prescription Drug Abuse Training Resources (2007)

Innovations in Medical Education (IMEG) Executive Committee Member & Proposal Reviewer (2003-present)

UMEDS (clinical logs) Working Group Chair (2006-present)

BLine (simulation) Working Group Member (2006-2008)

End of Third Year Assessment (EOTYA) Co-Director (2003-present)

Data Stewardship Committee Member (2005-2008)

School of Medicine Education Technology Advisory Committee Member (2005-present)

Computer-Based Testing Committee Chair (September 2006-2008)

AMSA Foundation/NIH-National Center for Complementary and Alternative Medicine; Educational Development in Complementary and Alternative Medicine (2003-2007)

Competency Implementation Project (CIP) Executive Board Committee Member (2005-2006)  
CIP Conference Facilitator (Fall 2005 & 2007); CIP Consultant (2008)

Member of Working Group on Assessment (2005-2007) emanating from UMass President's Office Subcommittee on Academic Technology (SAT)

PeopleSoft Student Administration System Upgrade Steering Committee Member (2008-present)

Completed Beginner & Advanced PeopleSoft Training (2004)

Josiah Macy Jr. Foundation; Macy Mentorship Program in Health Communication Educ. (2003-2006)

Edward J. Stemmler Medical Education Research Fund of the National Board of Medical Examiners; Using Standardized Patients to Assess Professionalism: A Comparative Analysis of Two Approaches (2003-2006)

Certified in IRB Human Subjects Training-15 module requirement (2005, renewed 2008)

EOTYA Standard Setting Task Force Chair (2004)

LCME Accreditation Group Member (2003-2004)

Web CT (Part 1, Part 2, Assessment, Assignment, & File Mgr), BLine, & UMEDS training (2006-2007)

The Honor Society of Phi Kappa Phi (2001)

UMass Amherst School of Education Graduate Student Research Scholarship (1998-1999)

## **Selected Publications**

**Zanetti, M.L.**, Godkin, M.A., Twomey, J.P., & Pugnaire, M.P. (2011). Global Longitudinal Pathway: Has medical education curriculum influenced medical students' attitudes towards medically underserved populations? *Teaching & Learning in Medical Education*.

Hale, J., Cahan, M., & **Zanetti, M.L.** (2011). Integration of Basic Clinical Skills Training in Medical Education: An Interprofessional Simulated Experience. *Teaching & Learning in Medical Education*.

**Zanetti, M.L.**, Keller, L., Mazor, K., Carlin, M., Alper, E., Hatem, D., Gammon, W., & Pugnaire, M.P. (2010). Using Standardized Patients to Assess Professionalism: A Generalizability Study. *Teaching & Learning in Medical Education*.

Mazor, K.M., **Zanetti, M.L.**, Alper, E.J., Hatem, D., Barrett, S.V., Meterko, V., Gammon, W., & Pugnaire, M.P. (2007). Assessing Professionalism in the Context of an Objective Structured Clinical Examination: An In-depth Study of the Rating Process. *Medical Education*.

Pugnaire, M.P, Purwono, P, **Zanetti, M.L.** & Carlin, M.(2004). Tracking the Longitudinal Stability of Medical Students' Perceptions Using the AAMC Graduation Questionnaire and Serial Evaluation Surveys. *Academic Medicine*.

**Zanetti, M.L.** (2003). High-stakes testing: Truth or consequential validity. Doctoral dissertation, University of Massachusetts, Amherst. Publication No. AAT 3096322.

Sireci, S.G., **Zanetti, M.L.**, & Berger J.B. (2003). Recent and Anticipated Changes in Post-Secondary Admissions: A Survey of New England Colleges and Universities. *The Review of Higher Education*.

Coelen, S.P., Berger, J.B., & Crosson, P.H. with Smith, S.M.L.& Eckman, S.A., *MISER*, McDermott, K.A.,Sireci, S.G, Green, P.C., & **Zanetti, M.L.**, *Center for Education Policy*. (2001). Diversity Among Equals: Educational Opportunity and the State of Affirmative Admissions in New England. (Available from The Nellie Mae Foundation at [www.nmefdn.org](http://www.nmefdn.org) or 781-348-4200).

Sireci, S.G., **Zanetti, M.L.**, Slater, S.C., & Berger, J.B., STEMTEC Evaluation Report for Year 4 (Fall 2000/Spring 2001) (Laboratory of Psychometric and Evaluative Research Report No. 421). Amherst, MA: University of Massachusetts, School of Education.

### **Conference Presentations**

**Zanetti, M.L.**, Twomey, J.P., Carlin, M.M., & Pugnaire, M.P. (November 2010). *Investigating the Impact of Multiple Sample Sizes on Evaluation Outcomes*. Abstract presented at the Research in Medical Education (RIME) meeting, Washington, DC.

Blanchard, G., DuBeau, C., McGee, S., Celli, R., **Zanetti, M.L.**, Twomey, J., Droney, P., Pugnaire, M., & Gurwitz, J. (May 2010). *The Navigator Program: Patient Support Instructs Geriatrics Medical Education*. Abstract presented at the American Geriatrics Society Annual Meeting, Orlando, FL.

Celli, R., Lawrence, J., McGee, S., DuBeau, C., Blanchard, G., Keough, M.E., **Zanetti, M.L.**, Twomey, J., Droney, P., Pugnaire, M., & Gurwitz, J. (May 2010). *Enhancement to Curriculum on Genetics in Alzheimer Disease: A Medical Student's Initiative*. Abstract presented at the American Geriatrics Society Annual Meeting, Orlando, FL.

Matthews, J., Benjamin, S., Chauhan, M., & **Zanetti, M.L.** (March 2010). *Correlation of Measures of Psychotherapy Competency in Psychiatry Residents*. Abstract presented at the American Association of Directors of Psychiatric Residency Training (AADPRT) meeting, Orlando, FL.

Kadish, S., Gentile, G., Barrett, S., Carlin, M., **Zanetti, M.L.**, & Pugnaire, M. (November 2009). *Independent Learning: Emerging Themes*. Abstract presented at the Research in Medical Education (RIME) meeting, Boston, MA.

Kadish, S., Gentile, G., Sefton, L., **Zanetti, M.L.**, & Pugnaire, M. (November 2009). *Advisor/Mentor Role in Guiding Future Primary Care Physicians*. Abstract presented at the Research in Medical Education (RIME) meeting, Boston, MA.

Franklin, P., Crawford, S. **Zanetti, M.L.**, Pasquale, S., & Ockene, J. (April 2009). *Enhancing Gender Balance in University of Massachusetts Medical School Faculty*. Oral presentation at the 2009 AAMC Physician Workforce Research Conference. Washington, DC.

Franklin, P.,D. Crawford, S. **Zanetti, M.L.**, & Ockene, J. (April 2009). *Transforming Institutional Data to Inform Recruitment and Retention of Diverse Faculty in Academic Medicine*. Oral presentation at the 2009 AAMC Physician Workforce Research Conference. Washington, DC.

- Hale, J.F., Jaffarian, C., Cahan, M.A., **Zanetti, M.L.**, Sefton, L., & McGee, S. (April 2009). *Graduate Nursing Students Collaborating with Medical Students: An Interprofessional Teaching Experience*. Abstract presentation at the National Organization of Nurse Practitioner Faculties (NONPF) 35th Annual conference. Portland, Oregon.
- McGee, S., Pasquale, S., Cahan, M., Larkin, A., Riza, L., Sweeney, W., Taylor, M., Terrien, J., & **Zanetti, M.L.**(April 2009). *Multidisciplinary Simulator Approach for Teaching and Learning Central Venous Catheter (CVC) Insertion*. Third Annual Commonwealth Medicine Academic Conference. Westborough, MA.
- Zanetti, M.L.**, Sefton, L., Hale, J., Cahan, M., & McGee, S. (November 2008). *Nursing Students Teaching Medical Students: An Interdisciplinary Teaching Experience*. Abstract presented at the Research in Medical Education (RIME) meeting. San Antonio, TX.
- Kadish, S., **Zanetti, M.L.**, Barrett, S., Gentile, G., & Pugnaire, M. (November 2008). *Listening to the New Student Voice: How they learn*. Abstract presented at the Research in Medical Education (RIME) meeting. San Antonio, TX.
- Zanetti, M.L.**, Wilson, M., Carlin, M., Barrett, S. & Kadish, S. (November 2008). *Diversity Climate Survey Results: Changing Institutional Culture*. Abstract presented at the Research in Medical Education (RIME) meeting. San Antonio, TX.
- Stefan, A.M., Kadish, S.J., **Zanetti, M.L.**, & Stefan, C. (July 2008). *The relationship between time spent by students on an histology online course management system and course numerical grades*. Abstract presentation at the International Association of Medical Science Educators (IAMSE) meeting. Salt Lake City, Utah.
- Cahan, M., Hale, J., & **Zanetti, M.L.**(April 2008). *Simulated IV skills training: Graduate nursing students collaborating with medical students*. Oral presentation at the Northeastern Group on Educational Affairs (NEGEA) meeting. Burlington, VT.
- Zanetti, M.L.**, Sefton, L.A., Atwell, L.D., McGee, S.M., Taylor, M., Pasquale, S.J., & Pugnaire, M.P. (January, 2008). *Rolling out a state-of-the-art simulation center: Early experiences*. Abstract presented at the 8<sup>th</sup> Annual International Meeting on Simulation in Health Care. San Diego, CA.
- Hale, J.F., McGee, S., **Zanetti, M.L.**, Rogoff, M.L., Taylor, M., Kelly, C., & Cahan, M. (January, 2008). *Simulated basic skills training: Graduate nursing students teaching medical students: A work in progress*. Abstract presented at the 8<sup>th</sup> Annual International Meeting on Simulation in Health Care. San Diego, CA.
- Zanetti, M.L.**, Carlin, M.M., Sefton, L.A., Gammon, W.L., McGee, S.M., & Pugnaire, M.P. (November, 2007). *Setting the standard for a high-stakes end of third year assessment*. Oral presentation at the Research in Medical Education (RIME) meeting. Washington, DC.
- Barrett, S.V., Gentile, G.M., **Zanetti, M.L.**, Ferguson, W., Godkin, M.A., Jonassen, J.A., & Pugnaire, M.P. (November 2007). *Weaving the threads of multiculturalism throughout medical education*. Abstract presented at the Research in Medical Education (RIME) meeting. Washington, DC.
- Zanetti, M.L.**, McGee, S., Carlin, M.M., Sefton, L.A., Gammon, W., Alper, E., & Pugnaire, M.P. (October, 2006). *Measuring unprofessional behavior during an 8-station OSCE*. Oral presentation at the Research in Medical Education (RIME) meeting, Seattle, WA.
- Kadish, S.J., **Zanetti, M.L.**, Sefton, L.A., Barrett, S.V., Clay, M., Clive, D.M., Jonassen, J.A., & Pugnaire, M.P. (October, 2006). *Residents report on the importance of an undergraduate end of life interclerkship*. Abstract presented at the Research in Medical Education (RIME) meeting, Seattle, WA.
- Kadish, S.J., Barrett, S.V., Carlin, M.M., Sefton, L.A., **Zanetti, M.L.**, & Pugnaire, M.P. (October, 2006). *Increasing the depth in the recruitment pool for future women academic leaders: Should we begin with medical school electives?* Abstract presented at the Research in Medical Education (RIME) meeting, Seattle, WA.

Pugnaire, M.P., **Zanetti, M.L.**, Ferrara, E., Quirk, M.E., & Macy Partner Schools [Boston University, Brown University, Dartmouth College, Harvard University, Tufts University, University of Connecticut, University of Vermont, and Yale University] (May, 2006). *UMass Macy Mentorship Program in Health Communication Education: Preliminary outcomes from an eight-school collaboration*. Abstract presented at the 12<sup>th</sup> International Ottawa Conference on Clinical Competence, New York, NY.

**Zanetti, M.L.**, Alper, E.J., Gammon, W., Mazor, K.M., Hatem, D., McGee, S., & Pugnaire, M.P. (May, 2006). *Using a targeted OSCE station to measure unprofessional behavior*. Interactive poster presented at the 12th International Ottawa Conference on Clinical Competence, New York, NY.

Pugnaire, M.P., **Zanetti, M.L.**, Godkin, M., Katz, D., Klar, R., Hale, J., Terrien, J., Cragin, L., & Cashman, S. (April, 2006). *Outcomes from an inter-professional educational model for teaching community health*. Abstract presented at the Commonwealth Medicine Academic Conference, Worcester, MA.

Pugnaire, M.P., Ferrara, E., **Zanetti, M.L.**, Quirk, M.E., & Macy Partner Schools [Boston University, Brown University, Dartmouth College, Harvard University, Tufts University, University of Connecticut, University of Vermont, and Yale University] (March, 2006). *UMass Macy Mentorship Program: Preliminary outcomes from an eight-school collaboration*. Short communication presented at the New England Group Educational Affairs (NEGEA), Philadelphia, PA.

**Zanetti, M.L.**, (November, 2005). *Mind and Body Oral Abstract Session*. Moderator of oral abstract presentations at the Research in Medical Education (RIME) meeting, Washington, DC.

**Zanetti, M.L.**, Alper, E.J., Gammon, W., Pugnaire, M.P., Carlin, M.M., Purwono, U., Barrett, S.V., & Sefton, L.A. (November, 2004). *Pre/Post comparison of medical students' self-reported competence ratings for content and skill areas included in an end of third year assessment*. Abstract presented at the Research in Medical Education (RIME) meeting, Boston, MA.

Purwono, U., Barrett, S.V., Carlin, M.M., **Zanetti, M.L.**, & McGee, S. (November, 2004). *The use of "Effect Size" in augmenting the results of significance testing: A comparison of pre/post data from a geriatric interclerkship*. Abstract presented at the Research in Medical Education (RIME) meeting, Boston, MA.

Pugnaire, M., Purwono, U., **Zanetti, M.L.**, & Carlin, M. (November, 2004). *Tracking the Longitudinal Stability of Medical Students' Perceptions Using the AAMC Graduation Questionnaire and Serial Evaluation Surveys*. Oral Presentation at the Research in Medical Education (RIME) meeting, Boston, MA.

Gammon, W., Barrett, S.V., Alper, E.J., **Zanetti, M.L.**, & Pugnaire, M.P. (July, 2004). *Standardized patients: Effective evaluators of professionalism during an OSCE*. Interactive poster presented at the 11th International Ottawa Conference on Clinical Competence, Barcelona, Spain.

**Zanetti, M.L.**, & Swaminathan, H. (April, 2002). *Analyses of DIF results for a large-scale assessment*. Paper presented at the meeting of the National Council on Measurement in Education, New Orleans, LA.

**Zanetti, M.L.**, & Swaminathan, H. (October, 2001). An investigation of DIF for a large-scale assessment: District vs. state results. In M.L. Zanetti (Chair and Organizer), *Applied Validity Studies on a Large-scale State Mandated Assessment*. Symposium conducted at the meeting of the Northeastern Educational Research Association Annual Conference, Kerhonkston, NY.

Berger, J.B., McDermott, K.A., **Zanetti, M.L.**, Green, P.G., Sireci, S.G, Coelen, S., & Churchill, A. (April, 2001). *The effects of recent policy changes on the educational pathways of under-represented populations*. Symposium conducted at the meeting of the American Educational Research Association, Seattle, WA.

Berger, J.B., **Zanetti, M.L.**, & McDermott, K.A. (February, 2001). *Charting educational pathways: Shifts in access and attainment in New England*. Paper presented at The College Board's New England Regional Conference, Boston, MA.

Keller, L.A., & **Zanetti, M.L.** (October, 2000). *Validity issues in standard setting*. Paper presented at the meeting of the Northeastern Educational Research Association, Ellenville, NY.

**Zanetti, M.L.**, Sireci, S.G., & Berger, J.B. (October, 2000). *Anticipated changes in post-secondary admissions: A survey of New England colleges & universities*. Paper presented at the meeting of the Northeastern Educational Research Association, Ellenville, NY.

### **Professional Affiliations**

Association of American Medical Colleges

    Research in Medical Education (RIME) Member

    Association of Academic Health Sciences Libraries and RIME Joint Committee Member

Society of Directors of Research in Medical Education:

    Regular Membership Committee Chair (2008-present)

    International Membership Committee Chair (2008-2010)

    Invited Review Selection Committee Member

American Educational Research Association

National Council on Measurement in Education

Annual International Ottawa Conference on Clinical Competence

Phi Delta Kappa

### **Journal/Conference Reviewer**

American Educational Research Association Division D Measurement and Research Methodology

Research in Medical Education Section of Group on Educational Affairs

MedEdPortal

Medical Education

International Journal of Medical Education