

Melissa D Zullo, PhD, MPH, MA

CONTACT INFORMATION

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Kent State University
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EDUCATION

2009 PhD in Epidemiology
Case Western Reserve University, Cleveland, OH

2003 MPH
Kent State University/Northeastern Ohio University College of Medicine

1998 MA in Exercise Physiology
Kent State University, Kent, OH

1994 BA in Psychology
BA in Sociology
Kent State University, Kent, OH

PROFESSIONAL EXPERIENCE

2010-current Adjunct Assistant Professor, Department of Epidemiology and Biostatistics, Case Western Reserve University, Cleveland, OH

2009-current Assistant Professor of Epidemiology, College of Public Health, Kent State University, Kent, OH

2008-2009 Study Coordinator, Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, OH
Working to Enhance Cardiac Rehabilitation in Older Adults
PI: Mary Dolansky; funded by the SMART Center, P30NR010676

2007-2009 Study Coordinator, Department of Epidemiology and Biostatistics, Case Western Reserve University and MetroHealth Medical Center, Cleveland, Ohio
The Effect of Lead Exposure on Reproductive Senescence in Premenopausal Women
PI: Leila Jackson; National Institute of Child Health and Human Development, NIH (HD054570)

2007-2009 Research Assistant, Department of Epidemiology and Biostatistics, Case Western Reserve University, Cleveland Department of Public Health, Cuyahoga County Board of Health, and Invest in Children

Evaluation of the Invest In Children Primary Lead Prevention Project
PI: Leila W. Jackson; funded by Cuyahoga County Board of Commissioners

2004-2006 Research Assistant, Department of Epidemiology and Biostatistics, Case Western Reserve University, Cleveland, Ohio
Healthy Teens Building Healthy Schools
STEPS to a Healthier Cleveland

2002-2004 Research Assistant, Lake Hospital System Cardiopulmonary Rehabilitation, Willoughby, Ohio
Music Therapy for Stress Management in Cardiovascular Disease
PI: Suzie Mandel; funded by The Kulas Foundation

1998-2004 Exercise Physiologist and Tobacco Education Coordinator, Cardiopulmonary Rehabilitation, Lake Hospital System, Willoughby, Ohio

PROFESSIONAL ACTIVITIES

Service

Kent State University, Wellness RFP Evaluation Committee, 2011
Spring celebration and awards ceremony, Coordinator, 2011
Admitted Student Reception, April 2011
Graduate committee, 2010-2011

Memberships

Bio-behavioral Heart Health Collaborative (University Hospitals Case Medical Center, Case Western Reserve University, and Kent State University)
Society for Epidemiologic Research
American Association of Cardiovascular and Pulmonary Rehabilitation
Ohio Association of Cardiovascular and Pulmonary Rehabilitation

Reviewer Activities

Manuscripts: American Journal of Cardiology, 2010
 Circulation, 2009
Abstracts: Society for Epidemiologic Research Annual Conference, 2011
 National Conference on Tobacco or Health, 2007
Text Books: Basics of Epidemiology: The Distribution and Determinants of Disease in Humans, 2011
Grants: American School Health Association, 2006
Inductions: Alpha Chi Chapter Delta Omega Honorary Society in Public Health, 2008

Student Activities

Epidemiology Journal Club Coordinator, 2005-2006
Senior Student Representative, Department of Epidemiology and Biostatistics, Case Western Reserve University, 2005-2007

HONORS AND AWARDS

Beginning Investigator Award, American Association of Cardiovascular and Pulmonary Rehabilitation, 2009
Alpha Chi Chapter Delta Omega Honorary Society in Public Health, inducted 2007
Faculty Horizons Workshop for Aspiring STEM Faculty, University of Maryland Baltimore County, 2007

Epidemiology Division, Student of the Year Award, Department of Epidemiology and Biostatistics, Case Western Reserve University, 2007

Student Abstract Award, Epidemiology Section, American Public Health Association, 2006

Student Travel Award, Association of Teachers of Preventive Medicine Annual Conference, 2001

TEACHING ACTIVITIES

Instructor: Upward Bound, summer 2011

Instructor: 52017 Fundamentals of Epidemiology, spring 2011

Instructor: 20065 Essentials of Epidemiology, fall 2010, spring 2011

Instructor: 20120 Essentials of Epidemiology, fall 2010 (web)

Instructor: EXPR 10295 Introduction to Public Health, spring 2010

Small Group Instructor EPBI 490: Epidemiology, Introduction to Theory and Methods, Fall 2008

Small Group Coordinator EPBI 490: Epidemiology, Introduction to Theory and Methods, Fall 2007

Teaching Assistant MPHP 404: Epidemiologic Methods for Public Health Research, Spring 2007

Teaching Assistant EPBI 492: Cohort Study Design and Analyses, Fall 2006

Invited talks

Lecture: Inferring Causality from Study Design; EPBI 491, Case-control Study Design, Spring 2009

Presentation: Cardiovascular disease management and functional capacity in patients with metabolic syndrome; MPH Capstone Presentation Day, Case Western Reserve University, Fall 2008

Lecture: Causal Inference in Epidemiologic Research; EPBI 492, Cohort Study Design, Fall 2008

Lecture: Large Database Analyses; MPHP 404, Spring 2007

Lecture: Causal Inference in Epidemiologic Research; EPBI 492, Cohort Study Design, Fall 2006

FUNDING

2011

Multilevel Cardiac Injury Intervention Study

United States Federal Emergency Management Agency:

Assistance to Firefighters Grant Program

\$609,135

PI: Dr. John A. Staley

In review

My role: Co-I

2010

Development of a da Vinci® Robotic Operating Room Checklist to Improve Patient Outcomes

Intuitive Surgical, Inc.

\$50,000

PI: Dr. Vivian VonGruenigen

1/2011-12/2010

My role: co-investigator

Title: Disability, illness burden, and transitions of care, RO3

Agency for Healthcare Quality and Research

\$97,000

My role: PI

9/30/2010-9/30/2012

Cardiac rehabilitation associated rehospitalization, illness, and cardiac-specific service use in older adults after a myocardial infarction

Initiative for Clinical and Translational Research

\$10,000

My role: PI

12/2010-12/2011

Prior Funding

Tobacco Use Prevention and Control Foundation (Funding to: Lake Geauga Tobacco Prevention Coalition, Melissa Zullo, collaborator) \$201,000 non-research grant funded 2003

Foundation for Healthy Communities (Funding to Lake Hospital System, prepared by Melissa Zullo) \$12,000 non-research grant funded 2003

PUBLICATIONS

Peer-reviewed manuscripts

Dolansky, M. A., **Zullo, M.**, Moore, S. M., Boxer, R.S. *Post-acute Cardiac Transitional Rehabilitation Improves Outpatient Cardiac Rehabilitation Attendance.* (In press August 2011) Journal of Gerontological Nursing.

Zullo MD, Jackson LW, Whalen CC, and Dolansky MA. *Evaluation of the Recommended Core Components of Cardiac Rehabilitation Practice: An Opportunity for Quality Improvement.* (In press Aug 2011): J Cardiopulm Rehabil Prev.

Zullo MD, Dolansky MA, and Jackson LW. *Metabolic Syndrome: Identification and Management in Cardiac Rehabilitation.* J Cardiopulm Rehabil Prev. 2011;31:92-9.

Dolansky, MA, Xu F, **Zullo, MD**, Moore SM, Rimm A. *A Population-Based Analysis of Older Adults' Use of Post-Acute Care after Hospitalization for a Cardiac Event.* Journal of Cardiovascular Nursing. 2010 Jul-Aug;25:342-9.

Namagembe I, Jackson LW, **Zullo MD**, Byamugisha JK, Frank SH, Sethi AK. *Consumption of alcoholic beverages among pregnant urban Ugandan women.* Matern Child Health J. 2010 Jul;14(4):492-500. Epub 2009 Jul 23.

Zullo MD, Dolansky M, Jackson, LW. *Cardiac rehabilitation and health-behaviors post-myocardial infarction.* J Cardiopulm Rehabil Prev. 2010 Jan-Feb;30(1):28-34.

Jackson LW, **Zullo MD**, Goldberg JM. *The association between heavy metals, endometriosis, and uterine myomas among premenopausal women, NHANES 1999-2002.* Human Reproduction, 2008 Mar; 23(3):679-87.

In Review

Dolansky, M. A., Hussain, S., **Zullo, M.**, Schaefer, J. T., Boxer, R., Murray, P.K. (Revised under review). Cardiac Rehabilitation during Post-acute Care: A Missed Opportunity. Heart and Lung.

In Preparation

Kropko J, **Zullo MD**. Assessing caregiver health in the BRFSS.

Brady S, **Zullo MD**. Dementia and the relationship with diabetes and smoking in the BRFSS.

Zullo MD, Dolansky MA, Hoogwerf B, Cho L, Jackson LW. *Rate of change in functional capacity in patients with cardiovascular disease and metabolic syndrome.* Dissertation manuscript

PRESENTATIONS

Scientific Meetings; Oral Presentations

Melissa D. Zullo, Mary A. Dolansky, Leila W. Jackson. *Incorporation of Core Component Guidelines into Cardiac Rehabilitation Practice*. Oral presentation at American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Milwaukee, October, 2010

Melissa D. Zullo, and Mary A. Dolansky. *Identification and Management of Metabolic Syndrome in Cardiac Rehabilitation*. Oral presentation at American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Pittsburgh, September, 2009

Melissa Zullo, MPH, MA, Monique Washington, MSN, Siran Koroukian, PhD, Natalie Colabianchi, PhD. *Identifying individual and community level predictors of body mass index*. Oral presentation at American Public Health Association Annual Meeting, Boston, 2006

Scientific Meetings; Poster Presentations

M. Zullo, J Kropko, M. Dolansky, V. Cheruvu, J. Kropko, L. Cho, C. Whalen, S. Debanne, L. Jackson. *Metabolic Syndrome and Exercise Capacity in Cardiac Rehabilitation Programs and Inter-program Variation*. Congress of Epidemiology, Montreal, June 2011

Melissa D. Zullo, PhD, MPH, MA, L Cho, MD, LW Jackson, PhD, MPH. Sensitivity and Specificity of a Metabolic Syndrome Definition with Missing Data. Society of Epidemiologic Research, Seattle, June 2010

Melissa D. Zullo, MPH, MA, Mary Dolansky, RN, PhD, Leila Jackson, PhD, MPH. *Association between cardiac rehabilitation and health-behaviors post-myocardial infarction*. Society of Epidemiologic Research, Chicago, June 2008

I Namagembe, AK Sethi, LW Jackson, **MD Zullo**, JK Byamugisha, SH Frank. *Alcohol use among HIV-infected and uninfected pregnant Ugandan women*. The Society for Pediatric and Perinatal Epidemiology. June 2007

Imelda Namagembe, Scott H. Frank, Leila Jackson, **Melissa Zullo**, JK Byamugisha, Ajay K. Sethi. *Prevalence of stress, depression, alcohol use and social support among HIV infected and uninfected women in Uganda*. American Public Health Association Annual Meeting, Washington DC, 2007

L.W. Jackson and **Melissa Zullo**. *The Association between Heavy Metals and Gynecological Disorders*. UCSF-CHE Summit on Environmental Challenges to Reproductive Health and Fertility. San Francisco, January 2007

Natalie Colabianchi, PhD, Audrey Kinsella, MPH, Stephanie McClure, MPH, **Melissa Zullo**, MPH, Claudia Colton, MSW, PhD, Shirley Moore, RN, PhD, FAAN, and Barb Clint. *Can Renovated Playgrounds Increase Physical Activity Levels?* Society of Behavioral Medicine, San Francisco, 2006

Elaine Borawski, PhD, Natalie Colabianchi, PhD, Carolyn E. Ievers-Landis, PhD, Erika S. Trapl, MS, Maurice L. Cole, BA, LaTylia Boyd, **Melissa Zullo**, MS, Loren D. Lovegreen, MA. *First year outcomes of Healthy Teens Building Healthy Schools: Abstinence-until-marriage vs. comprehensive sex education intervention study*. American Public Health Association Annual Meeting, Philadelphia, 2005

Elaine Borawski, PhD, Jane A. Brown, PhD, Erika S. Trapl, MS, and **Melissa Zullo, MA, MPH**. *A pedometer-based nutrition and physical activity program for middle school students*. American Public Health Association Annual Meeting, Washington DC, 2004

Local/ Regional Meetings

Dolansky MA, **Zullo MD**, Boxer R, Schaefer J, Moore SM. *Innovations in care: Transitional rehabilitation using self-management techniques (TRUST)*. Ohio Association of Gerontology and Education, Kent State University, Kent 2010.

Harriet M. Babikako, Imelda Namagembe, **Melissa D. Zullo**, Scott H. Frank, Ajay K. Sethi, Leila W. Jackson. *Antenatal care attendance in relation to low birth weight among women delivering at Mulago Hospital, Kampala, Uganda*. Research Showcase Case Western Reserve University, Cleveland, 2008

Imelda Namagembe, Scott H. Frank, J.K Byamugisha, **Melissa Zullo**, Leila Jackson, Ajay K. Sethi. *Alcohol use and psychosocial assessment among HIV infected and uninfected pregnant women in Kampala, Uganda*. Research Showcase Case Western Reserve University, Cleveland, 2007

Melissa Zullo, Jonah Stulberg, Natalie Colabianchi. *Predicting voting preference for support of second hand smoke legislation*. Department of Epidemiology and Biostatistics Case Western Reserve University, Cleveland, 2006

Melissa Zullo, Jonah Stulberg, Natalie Colabianchi. *Should we let you smoke?* Department of Epidemiology and Biostatistics Case Western Reserve University, Cleveland, 2006

Reports

vonGruenigen VE, McCarroll ML, **Zullo MD**, Andrews S, Ferris E, Mendise T, Scharsu R, Christman M, Christman A. Development of a *da Vinci*® Robotic Operating Room Checklist to Improve Patient Outcomes. Intuitive Surgical Presentation, July 2011

Melissa Zullo, Natalie Colabianchi. *Steps to a Healthier Cleveland Program Evaluation*. Cleveland Department of Public Health, 2006

Claire Bourguet, PhD, **Melissa Zullo**, M.A. *Evaluation of a Traffic Enforcement Program for Lake County*. Prepared for Lake County General Health District, 2001

MENTORING

PhD Dissertation Committee Member

Year	Student	Department	Research Title
2009-2011	Annie Keary, PhD, MA	Psychology	The Role of Inflammation in the Association between Autonomic Nervous System Dysregulation and Cognitive Dysfunction in Cardiovascular Disease