

CURRICULUM VITAE

MILAGROS C. ROSAL, Ph.D.

Division of Preventive and Behavioral Medicine
Department of Medicine
University of Massachusetts Medical School
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EDUCATION

Ph.D., Clinical Psychology Nova Southeastern University, Florida (formerly Nova University)	1992
M.S., Clinical Psychology Nova Southeastern University, Florida	1989
M.S., Applied Psychology Nova Southeastern University, Florida	1986
B.A., Psychology Catholic University, Andres Bello, Venezuela	1978-1981

ACADEMIC APPOINTMENTS

Professor of Medicine Division of Preventive and Behavioral Medicine University of Massachusetts Medical School, Worcester, Massachusetts	June 2012- present
Faculty Member Graduate School of Biomedical Sciences Ph.D. Program in Clinical and Population Health Research University of Massachusetts Medical School, Worcester, Massachusetts	2009-present
Associate Professor of Medicine Division of Preventive and Behavioral Medicine University of Massachusetts Medical School, Worcester, Massachusetts	2005-2012
Assistant Professor of Medicine Division of Preventive and Behavioral Medicine University of Massachusetts Medical School, Worcester, Massachusetts	1996-2005
Instructor in Medicine Division of Preventive and Behavioral Medicine University of Massachusetts Medical School, Worcester, Massachusetts	1994-1996

Clinical Associate in Psychology
Department of Psychiatry
Massachusetts General Hospital, Boston, MA 1993-1997

Instructor in Psychology
Department of Psychiatry
Harvard Medical School, Boston, MA 1993-1997

Clinical Assistant in Psychology
Department of Psychiatry
Massachusetts General Hospital/Harvard Medical School, Boston, MA 1993-1997

Behavioral Medicine Fellow
Department of Psychiatry
Massachusetts General Hospital/Harvard Medical School, Boston, MA 1991-1993

Clinical Fellow in Psychology
Department of Psychiatry
Massachusetts General Hospital/Harvard Medical School, Boston, MA 1989-1991

ADMINISTRATIVE POSITIONS

Co-Director, University of Massachusetts Center for Health Equity Intervention Research (CHEIR) June 2012-present

Co-Director, Worcester County Prevention Research Center
University of Massachusetts Medical School, Worcester, Massachusetts 2009-present

Member/Past Chair, Faculty Diversity Scholars Program Oversight Committee
University of Massachusetts Medical School, Worcester, Massachusetts 2012-present

Chair, Faculty Diversity Scholars Program Oversight Committee
University of Massachusetts Medical School, Worcester, Massachusetts 2008-2012

OTHER POSITIONS AND EMPLOYMENT

Counselor
Family Violence Program at Nova Univ. CMHC, Ft. Lauderdale, FL. 1988-1989

Clinician
Veterans Administration Medical Center-Psychology Service, Miami, FL 1987-1988

Counselor
A&B Psychology Clinic, Ft. Lauderdale, FL 1987-1989

Counselor
Hollywood Biofeedback Center, Hollywood, FL. 1987-1988

Clinician
Nova University Psychology Clinic, Ft. Lauderdale, FL 1985-1986

CERTIFICATION AND LICENSURE

Licensed Clinical Psychologist, Massachusetts	1993-present
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PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Society of Behavioral Medicine - Fellow

Member, Diabetes Interest Group	2008
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Member, Women's Health Interest Group	2007
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American Heart Association - Member	2011
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American Psychological Association – Member	1988
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Member, Society for the Psychological Study of Ethnic Minority Issues	1993
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American Diabetes Association - Member	2002
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HONORS AND AWARDS

Women in Science and Health Achievement Award, University of Massachusetts Medical School	2011
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Selected as Scholar for the highly competitive NIMHD Translational Health Disparities Course, NIH, Bethesda, MD	2011
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Nominated for the position of Member Delegate, Society of Behavioral Medicine	2011
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Selected for the AAMC Mid Career Women Faculty Professional Development Seminar	2010
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Recognition, Center For Eliminating Health Disparities among Latinos (CEHDL) Paper of The Month. Carbone ET, Rosal MC, Torres MI, Goins KV, Bermudez OI. Diabetes self-management: Perspectives of Latino patients and their health care providers. Patient Educ Couns. 2007 May;66(2):202-210	2007
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Fellow, Society of Behavioral Medicine	2006
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Recognition, SBM citation abstract: Rosal MC, King J, Ma Y, Reed GW. Inverse relationship between basal salivary cortisol and stress and social support in an adult sample. Society of Behavioral Medicine	2004
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American Diabetes Association Innovation Award	2002
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Career Development Research Award (K-08)	1997
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Scholarship Award, Gran Mariscal de Ayacucho Foundation	1983-1989
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COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

University of Massachusetts Medical School

Mentor, Junior Faculty Development Program, Office of Faculty Affairs	2013-2014
Member, Center for Clinical and Translational Science Community Engagement and Research Section's Symposium Planning Committee	2012
Member, Center for Clinical and Translational Science Pilot Program Scientific Review Committee	2012-present
Member, Center for Clinical and Translational Science Community Engagement and Research Section Community-Academic Advisory Panel	2012-present
Chair, Faculty Diversity Scholars Program applicant review sub-committee for Dr. Stephanie Rodrigues, Assistant Professor of Psychiatry	2012
Member, AAMC Early Career Women Faculty Professional Development Seminar Review Committee	2012-present
Member, Strengths Weaknesses Action Team (SWAT) in preparation for the Liaison Committee on Medical Education (LCME) accreditation	2011-2012
Member, AAMC Mid-Career Women Faculty Professional Development Seminar Review Committee	2011-present
Member, Community Engagement Section, Clinical and Translation Science Award (5 campuses)	2010-present
Member, Strategic Planning Workgroup, Division of Preventive and Behavioral Medicine	2010-present
Member, Diabetes Interest Group	2010-present
Member, Admissions Committee, Clinical and Population Health Research (CPHR), Graduate School of Biomedical Sciences	2009-present
Member, Multicultural Research Academic Interest Group, Department of Psychiatry	2009-present
Chair, Faculty Diversity Scholars Program Oversight Committee	2008-present
Member, Behavior, Health and Disease Task Force, University of Massachusetts Life Sciences Initiative (5 campuses)	2008
Member, Psychology Steering Committee (Multi-Departmental Committee)	2007-present
Member, Financial Taskforce, Division of Preventive and Behavioral Medicine	2006-present
Member, Senior Advisory Group, Division of Preventive and Behavioral	2006-present

Medicine

Chair, Obesity and Diabetes Workshop, Clinical and Population Health Research Retreat	2004
Member, Search Committee for Director of the Nutrition Core, Division of Preventive and Behavioral Medicine	2003 & 2008
Member, Women's Faculty Committee	2001-2006
Member, Quality Assurance Committee	2001
Member, Diabetes Advisory Committee, Patient Advocacy Committee	2005-2008
Advisor, Cardiac Rehabilitation Team	1996-1999

Local Community

Community Session Facilitator, The Weight of the Nation, Confronting America's Obesity Epidemic, Documentary Series (Part 3) Children in Crisis, Sponsored by the Worcester County Prevention Research Center, the Lamar Soutter Library and WooFoo, UMass Medical School, Worcester, MA	July 2012
Consultant (technical assistance), Community Campus Center and Brightwood Health Center, Springfield, MA	2012-present
Consultant (technical assistance), Centro Las Americas, Worcester, MA	2011-present

NATIONAL

National Institutes of Health

Scientific Reviewer, Special Emphasis Panel, 2014/01 ZMD1 HC (03)-R, NIMHD Technologies for Improving Minority Health and Eliminating Health Disparities (R41/R42)	Nov 2013
Invited Moderator, Special Panel Session, "Addressing Health Disparities among Latinos: Innovative Academic-Community Partnerships", National Institute on Minority Health and Health Disparities (NIMHD), 2012 Health Disparities Summit, Washington, DC	Nov 2012
Scientific Reviewer, Special Emphasis Panel, 2013/01 ZRG1 RPHB-N (03), Risk, Prevention and Health Behavior	Oct 2012
Scientific Reviewer, Special Emphasis Panel, ZRG1 RPHB-N (02), Risk, Prevention, and Health Behavior	Feb 2012
Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Diseases	2007
Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and	2004

Digestive and Kidney Diseases

Robert Wood Johnson Foundation

Member and Scientific Reviewer, Robert Wood Johnson Foundation's National
Advisory Committee: Health e-Technology Initiative 2002-2004

American Heart Association

Invited Member, AHA writing group for white paper "Accurate Identification of
Obesity and Related Risks in Ethnic and Racial Minorities" 2013

Invited Member, AHA writing group for white paper "Social Determinants of
Risk and Outcomes for Cardiovascular Disease and Stroke" 2012

Invited Member, AHA writing group for white paper "Better Population Health
through Behavior Change: a Call to Action" 2011

Invited Member, American Heart Association, Nutrition, Physical Activity and
Metabolism (NPAM) Behavior Change Committee 2010-present
Committee name changed to: Council on Lifestyle and Cardiometabolic Health 10/1/2013

Invited Participant, American Heart Association Cholesterol Summit: The
Cholesterol Lowdown, New York, NY 1999

U.S. Preventive Services Task Force

Invited AHA representative, Topic Groups for Stakeholders (TOPS) 2013
Behavioral counseling to promote a healthy diet and physical activity for CVD
prevention in persons with known risk factors

Society of Behavioral Medicine

Expert Consultant for junior faculty, Society of Behavioral Medicine 33rd Annual
Meeting, New Orleans, LA 2012

Expert Consultant for junior faculty, Society of Behavioral Medicine 32nd Annual
Meeting, Washington, DC 2011

Chair, Viviendo en los Estados Unidos (Living in the US) (paper session),
Society of Behavioral Medicine 31st Annual Meeting, Seattle, WA 2010

Chair, Interventions to Promote Healthy Lifestyles during Pregnancy (paper
session), Society of Behavioral Medicine 27th Annual Meeting, San Francisco,
CA 2006

Reviewer, Abstracts, Society of Behavioral Medicine 27th Annual Meeting, San
Francisco, CA 2006

Chair, Adherence Track, Society of Behavioral Medicine Planning Committee,
The Society of Behavioral Medicine 25th Annual Meeting, Baltimore, MD 2004

Co-leader of Breakfast Roundtable: Minority Issues in Career Development, Society of Behavioral Medicine 23rd Annual Meeting, Washington, DC 2002

Co-Leader of Breakfast Roundtable: Minority Issues in Career Development, Society of Behavioral Medicine 22nd Annual Meeting, Seattle, WA 2001

Women's Health Initiative (WHI)

Member, Women's Health Initiative, Racial/Ethnic Disparities Research Committee 2012-present

Reviewer, Women's Health Initiative, Investigators Science Meeting 2012

Member, Women's Health Initiative, Obesity and Diabetes Research Committee 2011-present

Member, Women's Health Initiative, Psychosocial Research Committee 2011-present

Member, Women's Health Initiative, Dietary Modification Working Group 2001-2001

Member, Women's Health Initiative, Special Populations Advisory Committee 2001-2005

Member, Women's Health Initiative, Behavioral Advisory Committee 2001-2005

External Faculty Promotion Reviewer

Dr. Noel Busch-Armendariz, for appointment to the rank of Professor (with tenure) in the School of Social Work at the University of Texas at Austin (review requested by the Dean's office) 2012

Dr. Elena Carbone, for appointment to the rank of Associate Professor (without tenure) in the Department of Nutrition, School of Public Health and Health Sciences at the University of Massachusetts, Amherst 2005

Additional Professional Service Activities

Invited participant, Center for the Advancement of Health, the Health Care Financing Administration, and the National Institute on Aging, Washington, DC. Conference: How Managed Health Care can Help Older Persons Live Well with Chronic Conditions. 1998

Peer Reviewer for Journals (Past and Present)

BMC Public Health

Contemporary Clinical Trials

Diabetes Care

Diabetes Research and Clinical Practice

Health Education Research

Health Psychology

Journal of Behavioral Medicine

Journal of Health Care for the Poor and Underserved

Journal of Immigrant and Minority Health

Perspectivas en Nutrición Humana, Columbia
Preventive Medicine
Tobacco Control

INTERNATIONAL

Invited grant reviewer, Austrian Science Fund (FWF)	2013
Invited grant reviewer, British Diabetes Association (Diabetes UK)	2012
Invited grant reviewer, British Diabetes Association (Diabetes UK)	2011

EDUCATIONAL ACTIVITIES

Teaching at the University of Massachusetts Medical School and Medical Center

Medical Students, UMMS

Co-facilitator: Health Disparities and Clinical/Translational Research	April 2013
Group facilitator for Community Exercise, Determinants of Health Course	2011
Course design team member: Determinants of Health Course	2010-present
Small group facilitator: Nutrition course	1998

Medical Residents and Fellows, UMMS

Lecturer, Primary Care Ambulatory Care Block, Internal Medicine Residency Program. Delivered monthly lectures: Physician Counseling for Health Behavior Change	2010-present
Course Developer, Primary Care Ambulatory Care Block, Internal Medicine Residency Program: Physician Counseling for Health Behavior Change Developed curricula on physician counseling for health behavior change.	2010
Lecturer, Primary Care Noontime Conference Developed and delivered lecture on health behavior change	2007
Lecturer, Primary Care and General Medicine Residency Noon Conference Frameworks for Health Behavior Change Counseling	2005
Lecturer, Cardiology Fellowship seminar Developed and delivered lecture on Physician Counseling for Health Behavior Change	2007

Clinical and Population Health Research (CPHR) PhD Program, GSBS

Course leader: Behavioral Determinants of Health (14-session course)	2011-present
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Course re-design: Behavioral Determinants of Health course re-design (14 session course)	2011
Course co-leader: Behavioral Determinants of Health (8-lecture course)	2010
Chair, PhD Candidate Dissertation Committee (Lauren Gellar)	2008-2011
Member, Ph.D. Candidate Dissertation Committee (Yendelela Cuffee)	2009-2012

Family and Community Medicine Fellowship Program, UMMS

Seminar developer and lecturer (6-hour), Preventive Medicine Residency and Fellowship Program, Department of Family Medicine and Community Health Qualitative Research Module	2009-present
Research mentor to Preventive Medicine Residents	2001-2001 and 2008-2010

Faculty and Staff

Invited Speaker, Leadership Seminar Series, Office of Faculty Affairs. Team Science for Large Collaborative Projects: Moving from Chaos to Cohesion	May 2014
Guest Mentor, K-Award Writing Group	2012
Speaker, Division of Preventive and Behavioral Medicine Research Seminar Series Pilot Program for Facilitating Post-Partum Weight Loss among Low-Income Women	2010
Invited speaker, Primary Care Research Seminar, Department of Family Medicine and Community Health Self-Management Intervention Tailored to Very Low-Income Latinos with Type 2 Diabetes	2010
Speaker, Division of Preventive and Behavioral Medicine Research Seminar Series Diabetes Self-Management for Low-Income Latinos	2009
Speaker, Division of Preventive and Behavioral Medicine Research Seminar Series Translational Research with Minority Populations at Community Health Centers	2007
Lecturer, UMMHC Affiliates, Diabetes Clinical Program Behavioral Self-Management Interventions for Low-Income Hispanics Populations	2007
Lecturer, Primary Care and General Medicine Residency Noon Conference Frameworks for Health Behavior Change Counseling	2007

Invited speaker, Preventive Medicine Seminar Series, Department of Community and Family Medicine Developing Tailored Interventions for Low-Income Hispanics: Diabetes Self-Management	2005
Lecturer, UMMHC and affiliated hospitals Patient-Centered Counseling for Enhancing Diabetes Self-Management	2004
Lecturer, UMMHC and affiliated hospitals Theoretical Models of Health Behavior Change: Applications for Diabetes Care	2003
Speaker, Nutrition Rounds Exercise and Behavioral Modification Techniques	2001
Lecturer, Department of Medicine Research Conference Self-Management of Type 2 Diabetes Among Low-Income Hispanics	2001
Lecturer, Cardiac Rehabilitation Providers Seminar Enhancing Psychosocial Care in Cardiac Rehabilitation: Psychosocial aspects of cardiovascular disease management; Depression and cardiovascular disease; Psychosocial assessment of cardiac patients; Counseling for health behavior change	1997-1999
Speaker, Nutrition Rounds Patient-Centered Counseling: Application for Dietary Change	1998
Speaker, Behavioral Medicine Clinic Seminar Series Behavioral Medicine and the Management of Cardiovascular Disease	1996
Lecturer, UMMS Providing Smoking Cessation Interventions for Latinos	1995
Lecturer, Training Series Smoking Cessation Training Program for Primary Care Sites, Boards of Health and Populations at Risk	1994

Trainings and Educational Materials Developed for Research Interventions

Study: Fresh Start (UMass Memorial Health Care Community Benefits Program) Developed 8 session manual for teaching and counseling low-income post-partum women on weight loss strategies; developed curricula to train nutritionists in delivering the Fresh Start intervention; developed educational materials for patients.	2008-2009
Study: Latinos en Control (NIH/ NIDDK) Developed 12-session manual for teaching and counseling patients on health behavior change; developed literacy-sensitive, culturally-tailored patient educational materials; developed curricula and delivered 40-hour training to program providers and delivered booster training sessions over 3	2004-2008

years.

Study: Lawrence Latino Diabetes Prevention Project (NIH/NIDDK) Developed intervention manual; developed culturally tailored patient educational materials in the areas of nutrition, physical activity/exercise and diabetes risk; develop curricula and trained lay individuals in the delivery of the intervention; provided booster sessions over 3 years.	2004-2008
Project: Martha's story (Robert Wood Johnson Foundation and Novo Nordisk) Developed a screenplay and coordinated the production of an educational drama (videotape) to facilitate learning among low-income Latino individuals regarding healthy eating and physical activity for diabetes prevention and management (English and Spanish)	2005
Study: Enhanced Intervention for Mammogram Resistant Women (NIH/NCI) Developed curricula and trained health educators to deliver a computer-assisted telephone intervention to promote mammography screening; developed patient educational booklet	2004
Study: Telephone Counseling to Support Colon Cancer Screening (NIH/NCI) Developed literacy-sensitive patient education materials to promote colorectal cancer screening and trained health educators to deliver a computer-assisted counseling intervention	2004
Study: Accelerating the Adoption of Colorectal Cancer Screening Guidelines (CDC) Developed curricula for training health educators in motivational interviewing; trained health educators	2003
Study: Women's Health Initiative (NIH/NHLBI) As member of several WHI advisory committees, contributed to the development of training materials for participant education and counseling, and for communication of study results to the general public	2001-2005
Study: Improving Adherence to Pharmacological Treatment (NIH/NHLBI) Developed training curricula for training pharmacists to deliver behavioral counseling to promote medication adherence; trained pharmacists	2001-2004
Study: A pilot study of a diabetes self-management intervention for low-income Latinos (American Diabetes Association Innovation Award) Developed manual to guide program delivery; developed curricula and trained providers in health behavior counseling; developed tailored educational materials for patients	2001
Study: Systems to Enhance Provider Counseling in Hyperlipidemia (NIH/NHLBI) Contributed to the training of primary care physicians in health behavior counseling for dietary and physical activity change	1999-2002
Study: Clinical Centers for the Clinical Trial and Observational Study of the Women's Health Initiative (WHI) (NIH/NHLBI)	1998

Developed and delivered three lectures on Managing Work-Related Stress	1998-2005
Developed and delivered lecture trainings and booster sessions on Behavioral Interventions to Enhance Dietary Change and Adherence	1998-2004
Lectured in Peer Group Leader Training Program	1998
Developed and delivered lecture on Enhancing Participants' Long-Term Commitment at a Training Workshop (Regional Retreat)	1998
Developed and delivered lecture for a training workshop: Strategies to Enhance Adherence and Retention in the WHI	1998
Developed and delivered lecture for a training workshop: Special Populations	1998

Teaching Outside of the University of Massachusetts Medical School

Undergraduate Courses

Course Lecturer, Health Disparities Scholars Program, University of Massachusetts, Boston Campus Social Determinants of Health	2013
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Professional Workshops and Continuing Education Programs

Workshop Lecturer, American Public Health Association Annual Meeting, Boston, MA Developing Culturally Responsive Interventions Using Storytelling: A Novel Method for Promoting Health Equity	Nov 2013
Workshop Lecturer, Massachusetts Department of Public Health, Women, Infant and Children's Program, Boston, MA Evidence-Based Weight-Management Interventions for Post-Partum Weight Loss	2012
Guest Lecturer, Residents' Research Seminar, Brightwood Health Center, Springfield, MA Translating Efficacious Interventions to Clinical Practice and Community Settings	2008
Workshop Lecturer (8 hours), Faculty/Health care providers and staff of Community Health Center, Middletown, CT and Holyoke Health Center, Holyoke, MA Patient-Centered Counseling for Improving Diabetes Management	2004
Lecturer, Workshop on Adherence to Behavioral and Pharmacological Interventions in Clinical Research on Older Adults, Wake Forest University Baptist Medical Center, Winston-Salem, NC	1998

Strategies to Enhance Adherence to Dietary Interventions by Older Adults

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| Workshop Co-Leader, Obesity, Diabetes Mellitus and Vascular Disease Conference, American Heart Association, Framingham, MA
The Management of Complex Patients | 1998 |
| Guest Speaker, Workshop Step by Step Behavioral Change for Cardiac Health, New England High Blood Pressure Council, American Heart Association, Framingham, MA
Cognitive-Behavioral Interventions for the High-Risk Cardiovascular Patient | 1997 |

Seminar Presentations

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| Lecturer, Psychiatry Residency and Psychology Internship Programs, Department of Psychiatry, Massachusetts General Hospital/Harvard Medical School, Boston, MA
The Women's Health Initiative: Importance to Behavioral Scientists | 1999 |
| Lecturer, Psychiatry Residency and Psychology Internship Programs, Department of Psychiatry, Massachusetts General Hospital/Harvard Medical School, Boston, MA
The Role of Psychologists in the Field of Behavioral Medicine | 1998 |
| Lecturer, Psychiatry Residency and Psychology Internship Programs, Massachusetts General Hospital/Harvard Medical School, Boston, MA
Theoretical Models of Health Behavior Change: Smoking Cessation | 1995 |
| Lecturer, Psychology Internship Program, Department of Psychiatry, Massachusetts General Hospital/Harvard Medical School, Boston, MA
The Role of Psychologists in the Field of Behavioral Medicine | 1994 |
| Invited Address, Preventive Cardiology Seminar, Division of Cardiology, Massachusetts General Hospital, Boston, MA
Sexual Adjustment of Patients with Coronary Heart Disease | 1989 |

Community Lectures and Presentations

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| Invited Speaker, Ounce of Prevention 2013 Conference: Many Pathways to Healthier Communities. Massachusetts Department of Public Health, Marlborough, MA
Community Health Worker Interventions for Low-Income Latinos; <i>New Partnerships for Systems Integrating Behavioral Health and Primary Care</i> plenary session. | Oct 2013 |
| Speaker, University of Massachusetts Board of Trustees Dinner.
Aims and Activities of the Center for Health Equity Intervention Research (CHEIR) | 2012 |
| Speaker, Engaging the Client in Chronic Disease Self-Management (Workshop). Massachusetts Department of Public Health Community based Primary Care Services, Boston, MA
Cognitive and Behavioral Techniques for Health Behavior Change | 2007 |

- Speaker, Hot Flashes: Current Perspectives, Therapies and Alternatives Symposium. University of Massachusetts Medical School, Worcester, MA
Women's Health Initiative and Hormone Therapy 2006
- Speaker, Planned Parenthood League of Massachusetts, Worcester, MA
Preventive and Behavioral Medicine Research, University of Massachusetts Medical School 2005
Preventive and Behavioral Medicine Research at UMMS
- Speaker, Women's Health Night Event, YWCA, Worcester, MA 2004
Diabetes Prevention and Treatment

Invited National and International Lectures and Professional Workshops

- Invited Speaker: American Diabetes Association, Scientific Sessions Meeting, Chicago, IL. Symposium: Behavioral Interventions for Diabetes-Evidence from Recent Intervention Studies. "What are the best community-based interventions for low-income Latinos?" June 2013
- Invited Speaker, U54 Ponce School of Medicine (PSM) and Moffitt (MCC) Cancer Center, Ponce, PR. Health Sciences Training/Career Development Course June 2013
Improving health equity through community-based research
- Invited Speaker, Post Doctoral Master of Science in Clinical and Translational Research, School of Health Professions and School of Medicine, University of Puerto Rico May 2013
Improving health equity through community-based research
- Invited Speaker, Symposium on Cardiovascular Disease and Treatment of its Risk Factors. School of Medicine, University of Quito, Quito, Ecuador June 2012
Facilitating health behavior change for disease prevention and management
- Invited Speaker, Symposium on Cardiovascular Disease and Treatment of its Risk Factors. School of Medicine, University of Quito, Quito, Ecuador June 2012
Diabetes prevention in a low-income Latino community in Massachusetts
- Workshop leader, Symposium on Cardiovascular Disease and Treatment of its Risk Factors. School of Medicine, University of Quito, Quito, Ecuador June 2012
Implementation of health behavior change programs for CVD risk factor Modification: The promise of narrative-based interventions

Mentoring

Faculty Members

- Finda Guyton, MD Sept 2013-
Assistant Professor, Department of Obstetrics and Gynecology
University of Massachusetts Medical School

Rosalie TorresStone, Ph.D. Assistant Professor, Department of Psychiatry University of Massachusetts Medical School	Sept 2012-present
Ronnesia Gaskins, Ph.D., MSPH Assistant Professor, Division of Preventive and Behavioral Medicine University of Massachusetts Medical School	Sept 2012-Nov 2012
Eida Castro, Psy.D. Assistant Professor, Clinical Psychology Program Ponce School of Medicine and Health Sciences, Puerto Rico	2013-present
Molly Waring, Ph.D. Assistant Professor, Department of Quantitative Health Sciences University of Massachusetts Medical School	2012-present
Carlos Cappas-Ortiz, Psy.D. Clinical Psychologist Greater Lawrence Family Health Center, Lawrence, MA	2011-present
Senaida Fernandez, Ph.D. Program Officer, Community Initiatives and Public Health Sciences California Breast Cancer Research Program University of California	2011-present
Assistant Professor of Medicine, Division of General Internal Medicine, Department of Medicine New York University School of Medicine	2008-2011
Angela Restrepo, MD Assistant Professor of Medicine, Division of Endocrinology and Diabetes, Department of Medicine, University of Massachusetts Medical School	2008-2010
Diane Blake, MD Department of Pediatrics University of Massachusetts Medical School	1999-2004
Yunsheng MA, MD Division of Preventive and Behavioral Medicine, Department of Medicine University of Massachusetts Medical School	1994-2002

Fellows

Nicole Wedick, Sc.D. Post-Doctoral Research Fellow, Division of Preventive and Behavioral Medicine, Department of Medicine University of Massachusetts Medical School	Sept 2012-present
Monica L. Wang, Sc.D. Post-Doctoral Research Fellow, Division of Preventive and Behavioral Medicine, Department of Medicine	July 2012-present

University of Massachusetts Medical School

M. Christine David, DO 2008-2010
Preventive Medicine Fellowship, Department of Family and Community
Medicine
University of Massachusetts Medical School

Senaida Fernandez, Ph.D. 2007-2008
Post-Doctoral Research Scientist, Center for Behavioral Cardiovascular Health
Columbia University College of Physicians and Surgeons

Jamie S. Bodenlos, Ph.D. 2006-2008
Post-Doctoral Research Fellow, Division of Preventive and Behavioral
Medicine, Department of Medicine
University of Massachusetts Medical School

Angela Restrepo, MD 2005-2008
Research Fellow, Division of Endocrinology, Department of Medicine
University of Massachusetts Medical School

Olga Gumieniak, MD 2002-2003
Research Fellow, Division of Endocrinology, Department of Medicine
University of Massachusetts Medical School

Dorothea von Goeler, MD, MPH 2001-2002
Preventive Medicine Fellow, Department of Family and Community Medicine
University of Massachusetts Medical School

Rodolfo Reni, MD 1998-1999
Foreign Medical Graduate
University of Massachusetts Medical School

Students and Interns

Apurv Soni Sept 2013-
Medical Student – MD Candidate, class of 2016 present
University of Massachusetts Medical School

Margaret Ramos-Miller 2013
4th Year Student – Perdue University
Summer Undergraduate Research Fellowship Program, UMMS

Lauren Augusto 2013
3rd Year Student – University of Massachusetts Amherst
Summer Research Intern

Kate Pellegriti 2013
Medical Student - Health Sciences Preparatory Program
University of Massachusetts Medicine School

Jessica Long 2013

Medical Student - Health Sciences Preparatory Program
University of Massachusetts Medical School

Tarianna Little, BS
Post-Graduate Student
University of Massachusetts Medical School Pathway Program

Sept 2012-
present

Lauren Powell, BS
Post-Graduate Student
University of Massachusetts Medical School Pathway Program

Sept 2012-
present

Eida Castro, Psy.D
Post-Doctoral Student, Master of Science and Graduate Certificate in Clinical
Research
School of Medicine and School of Health Professions
University of Puerto Rico

2011-2013

Julie Arroyo, MA, CAGS
Research Intern, UMMS

2011

Alejandro Arroyo
2nd Year Student – University of Puerto Rico
NIH Minority Summer Intern, UMMS

2010

Ashley Keller
Ph.D., Candidate, Clinical and Population Health Research Program (CPHR)
University of Massachusetts GSBS

2009-2010

Yendelela Cuffee
Ph.D. Candidate, Clinical and Population Health Research Program (CPHR)
University of Massachusetts GSBS
Currently a post-doctoral fellow, New York University

2009-2011

2011- present

Lauren Gellar, MS, CHES
Ph.D. Candidate, Clinical and Population Health Research Program (CPHR)
University of Massachusetts GSBS

2009-2011

Lynn DiTaranto, MPH
Masters in Public Health Program
Research Project, UMMS

2008-2009

Sarah Burns
Biology and Biotechnology program, Worcester Polytechnic Institute
Independent Study, UMMS

2007-2008

Jennifer Maddox
3rd Year Student - Howard University
NIH Minority Summer Intern, UMMS

2003

Karen Zakizewski
3rd Year Student - College of the Holy Cross

1999-2000

Summer Undergraduate Research Program, UMMS

Tobin Abraham 2 nd Year Student - Yale University NIH Minority Summer Intern, UMMS	1999
Issandra Rodriguez High School Graduate NIH Minority Summer Intern, UMMS	1998
Samantha Faber, Ph.D. Psychology Internship Massachusetts General Hospital/Harvard Medical School	1993-1995
Susan Penava, Ph.D. Psychology Internship Massachusetts General Hospital/Harvard Medical School	1993-1995

Mentorship of Minority Individuals from Low-Income Communities

Marcia Duclos, Nieves Alvarez, Franzenith de la Calle, Angeline Garcia, Martha Cruz and Yenith Morantes Over the course of my research I have hired lay Latino women from low-income communities and trained them in research-related skills. Upon completion of the research, most have decided to go back to school (college or other) and all have been hired in research or other skilled positions.	2004-present
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Professional Consultation

Consultant, ICF International and Centers for Disease Control and Prevention (CDC)/National Diabetes Education Program (NDEP). Adaptation for culturally appropriate and low health literacy diabetes related educational materials.	2012
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GRANTS AND CONTRACT AWARDS

Pending Grants

R01 (PI: Rosal) NIH, NIMHD Moving the Needle on Latino Community BMI: Multi-Media & Community Action Role: PI; 20% FTE yr 1, 25% FTE yrs 2, 4 & 5, 30% FTE yr 3	2014-2019 \$1,985,095
R01 (PI: Allison) NIH, NIMHD Stories by Real Latina Moms Role: Co-Investigator; 5% FTE	2014-2018 \$1,675,000
U48 (PI: Rosal, Lemon) CDC UMass Worcester Prevention Research Center	2014-2019 \$4,488,431

This proposal will support a comprehensive core infrastructure for the UMass Worcester Prevention Research Center that fosters applied public health research partnerships to target the CDC Winnable Battles of nutrition, physical activity and obesity in Worcester, MA and the surrounding Central MA communities. This application will position UMW-PRC to further its role as 1) an institutional leader in applied public health research, 2) an integral part of the Worcester's collaborative public health system, 3) a statewide applied public health research resource, and 4) a model for bi-directional collaborations for applied public health research that integrates academia, public health, health care and communities. This proposal will also support an applied public health research project that will test the impact of the adding a family-focused community health worker-delivered navigation intervention to a built environment intervention in an under-resourced neighborhood on child and parent obesity.

Role: MPI-Center grant, 20% FTE; MPI-Applied Research Project, 35% FTE

R01 HS021749-01 (PI: Franklin)
AHRQ

2013-2017
\$1,979,658

Personal Health Information Management Through Smartphone Applications: Supporting the Physical Activity Needs of Aging Adults with Arthritis

This project will help identify the specific needs and preferences of aging adults with osteoarthritis, to support and motivate physical activity and self-management of their condition through Personal Health Information Management (PHIM) technology. Ultimately this research will develop a knowledge base that will inform the design of other PHIM technologies targeting the specific needs and preferences of a broader population of aging adults with limited physical activity.

Role: Co-Investigator; 5% FTE

R34 (PI: Gaskins)
NIH, NHLBI

2013-2016
\$709,383

Culturally Competent Obesity Prevention for Spanish-Speaking Latina and Children

This application focuses on a population with distinct parenting challenges and risk factors that are often not addressed in obesity prevention research. The proposed project involves formative research (e.g., focus groups and cognitive interviews) and a small feasibility RCT pilot of empirical behavioral treatments culturally, linguistically, and developmentally adapted for Spanish-speaking emerging adult Latina mothers, ages 18-25 years to prevent obesity in their 2-5 year old children. The project is aimed at modifying risk factors that may lead to childhood obesity and includes assessment of BMI as well as cardiometabolic biomarkers in the target population, where no evidence currently exists. The long term goal of this project is to inform a full-scale efficacy trial to test the full effects of the adapted intervention on obesity prevention in the target population.

Role: Co-Investigator; 2% FTE

2 R25 CA172009-01 (PI: Houston, Lemon)
NIH, NCI

2013-2018
\$2,009,713

Implementation Research Training Program in Cancer Prevention and

Control

This education and training grant intends to establish a postdoctoral training program at UMMS focused on community and clinical implementation science in cancer prevention and control.

Role: Investigator, 3% FTE yr 1; 5% FTE yrs 2-5

Current Grants

UMASS CTSA Pilot Award Program (PI: Allison/Jenkins)

May 2013 –
March 2014

A Community-engaged and Simulation-based intervention for Culturally Appropriate informed Consent

Role: Co-Investigator; in kind

1 R01 DK097011-01A1 (PI: Chasan-Taber)
NIH, NIDDK

2013-2018
\$3,204,445

Randomized Lifestyle Intervention in Overweight and Obese Pregnant Hispanic Women

The overall goal of this randomized controlled trial is to test the efficacy of a culturally and linguistically modified, individually-tailored lifestyle intervention to reduce excessive gestational weight gain (GWG), increase postpartum weight loss, and improve maternal metabolic status among overweight/obese Hispanic women. My role on the study will be to develop the behavioral component of the intervention and train the intervention providers in its delivery.

Role: Principal Investigator of subcontract; 5% FTE

1 R34 AT006963-01A1 (PI: Fulwiler)
NIH, NCCAM

2013-2016
\$742,595

Mind and Health: Developing a Neural Marker for Mindfulness, a Pathway to Health

This randomized controlled trial will study a neural marker for the impact of mindfulness and will explore the impact of mindfulness on maintenance of weight loss.

Role: Co-Investigator; 5% FTE

1 P60 MD006912-02 (PI: Allison, Co-PI: Rosal)
NIH, NIMHD

2012-2017
\$7,691,547

UMass Center for Health Equity Intervention Research (CHEIR)

This grant involves a collaboration between UMass Worcester and UMass Boston to create and establish a Center for Minority Health. This center will provide infrastructure to identify, train, mentor and foster the career development of minority students and faculty and in general individuals with interests in health disparities interventional research. It also will provide infrastructure support to faculty interested in developing research ideas aimed to reduce and eliminate health disparities through an administrative, a research and a community engagement cores.

Role: Co-Principal Investigator of overall grant, co-leader of administrative and research cores, 20% FTE

1 P60 MD006912-02 (PI: Rosal, Lemon)
NIH, NIMHD

2012-2017

Trial of Fresh Start Weight Loss Intervention in WIC Participants

This study will test the effectiveness of a culturally-tailored behavioral weight loss intervention for socio-economically disadvantaged post-partum young mothers.

Role: Multiple Principal Investigator, CHEIR Project 1; 10% FTE

1 R21 HL114083-01A1 (Gaskins)
NIH/NHLBI

2012-2014
\$423,214

Helping Ethnically Diverse Teen Moms Prevent Obesity in Their Preschool Children

This project will adapt, through formative research and a feasibility/acceptability pilot, an obesity prevention parenting program for teen mothers (ages 16-20 years) to prevent obesity in their preschool children (ages 0-5 years).

Role: Co-Investigator; 5% FTE; 1.5% FTE yr 2

R01 MH085653 (PI: Rosal, Lemon)
NIH, NIMH

2011-2015
\$1,891,102

Barriers and Facilitators of Mental Health Services Utilization among Latinos

Using a community-based participatory research (CBPR) model, this 5-year longitudinal cohort study will empirically assess the association of individual, partner/family, social context and larger community stressors, on clinical depression, depression severity, and cardiovascular disease (CVD) risk among Caribbean Latinos in Lawrence, MA, and assess the buffering effects of culture-specific types of social support and resources on these associations.

Role: Multiple Principal Investigator; 45 – 20% FTE over study period

2 R01 DK064902 (Chasen-Taber)
NIH/NIDDK

2012-2017
\$2,559,629

Randomized Trial of a Postpartum Diabetes Prevention Program for Hispanic Women

The overall goal of this randomized controlled trial is to test the efficacy of a culturally and linguistically modified, individually-tailored lifestyle intervention to reduce risk factors for type 2 diabetes and cardiovascular disease among postpartum Hispanic women with a history of abnormal glucose tolerance during pregnancy.

Role: Sub-contract Principal Investigator; 4% FTE

P50 HS018910 (PI: Franklin)
NIH, AHRQ

2010-2014
\$11,988,360

Improving Orthopedic Outcomes Through a National TJR Registry

This study is developing a national orthopedic outcome registry to collect important patient, surgical, and delivery setting data to answer critical patient and surgeon questions about optimal implant selection, surgical timing and approach, and peri-operative care for the large number of patients who undergo total joint replacement and other procedures each year. Research will also address the value of total joint replacement in young and minority patients, and will examine health disparities as it relates to this surgical procedure.

Role: Co-Investigator; 10 – 5% FTE over study period

U48 DP001933 (PI: Rosal, Lemon)

2009-2014

CDC

\$1,389,476

Navigating to Health: A Pilot Study for Improving Health Care Utilization among Disengaged Low-Income Patients with Diabetes and Hypertension

This study involves a community-academic collaboration between UMass and the Edward M. Kennedy Community Health Center to pilot-test an intervention for health center patients with a diagnosis of type 2 diabetes or hypertension who are disengaged from the health care system (have not sought health care services within the previous 7 months).

Role: Principal Investigator; 15 – 5% FTE over study period

U48 DP001933 (PI: Lemon, Rosal)

2009-2014

CDC

\$2,393,476

UMMS Prevention Research Center for Obesity and Related Conditions – Category 2

The mission of the University of Massachusetts Medical School (UMMS) Prevention Research Center (PRC) is to develop community-academic partnerships for preventing and managing obesity and related conditions, such as diabetes and heart disease, through community-responsive interventions. A goal of this project is to establish the PRC as a center of excellence for interdisciplinary and interprofessional community-based prevention research that focuses on health and health disparities throughout center Massachusetts through core infrastructure development. I am co-director of this center and lead the health disparities component.

Role: Co- Principal Investigator; 25 – 5% FTE over study period

Past Grants

R01 DK084325 (PI: Welch)

2009-2013

NIH, NIDDK

\$56,962

Case Management for Underserved Hispanic Type 2 Diabetes Population

This study will evaluate a practice-based, culturally sensitive Case Management Intervention (CMI) that targets system, provider and patient barriers to diabetes care. A randomized clinical trial will compare the effect of the CMI versus Usual Care (UC) in improving HbA1C, blood pressure and LDL cholesterol among low-income Hispanic patients with poorly controlled type 2 diabetes.

Role: Principal Investigator of subcontract; 5% FTE

UL1 RR031982 (PI: Rosal)

2011-2013

UMass CTSA Pilot Project Program Award

\$147,790

Percent Dietary Saturated Fat Composition in Pregnancy & Postpartum Weight Loss

The overall goal of this translational research project is to evaluate whether associations among dietary consumption of saturated fat, fat deposition and weight loss observed in mice, can be observed in human subjects during pregnancy and the postpartum period.

Role: Principal Investigator; 2% FTE (in kind)

RC1 LM010412 (PI: Weicha, Rosal)

2010-2012

NIH, NLM

\$144,344

Virtual World Health Behavior Counseling for Patients with Diabetes

This comparative effectiveness study will evaluate the feasibility of a theory-driven diabetes self-management intervention delivered through interactive group sessions within a virtual reality environment (i.e., Second Life) vs. in-person. The study targets low-income African Americans, a population with considerable diabetes disparities.

Role: Multiple Principal Investigator; 30% FTE

R01 CA132935 (PI: Luckmann, Costanza)
NIH, NCI

2009-2014
\$3,239,749

Promoting Breast Cancer Screening in Non-Adherent Women

This study will compare the effectiveness of 3 interventions on adherence to screening mammography guidelines, and determine the incremental cost per unit increase in on-time mammography utilization of the interventions. My role in the study is to oversee the development of the structure and content of one of the study interventions (motivational telephone-delivered counseling), train the study counselors in its delivery, and consult on intervention fidelity issues.

Role: Co-Investigator; 10-2% FTE over 2009-2012 period

S3948 (PI: Chasan-Taber)
CDC

2009-2011
\$31,793

A Pilot Lifestyle Intervention for Gestational Diabetes (GDM) among Hispanic Women

The overall aim of this pilot study was to test the feasibility and potential impact of a randomized controlled lifestyle intervention to prevent GDM among pregnant Hispanic women at increased risk for GDM (overweight/obese). My role in this study involved the oversight of the intervention development and training the study counselors in intervention delivery.

Role: Principal Investigator of subcontract; 10% FTE

R01 AR054479 (PI: Franklin, Rosal)
NIH, NIAMS

2007-2011
\$1,723,000

Peri-Operative Intervention to Improve Post-TKR support and Function

This randomized controlled trial involved the design, delivery, and evaluation of a peri-operative, telephone counseling intervention to improve functional outcomes after primary Total Knee Replacement (TKR) surgery. As co-PI of this study I was responsible for the design of the intervention, development of tailored patient materials, supervision of the intervention coach, oversight of recruitment and retention effort, and collaboration with the PI in a variety of study management tasks.

Role: Co- Principal Investigator; 15% FTE

UMass Memorial Health Care Community Benefits Program (PI: Rosal)
Support for Post-Partum Weight Loss Among Women Enrolled in the Women, Infant and Children (WIC) Program, Worcester, MA

2008-2010
\$48,419

This study was conducted through a collaboration with the Worcester WIC program and involved the adaptation of an evidence-based weight loss program for delivery to women participating in WIC, program implementation, and evaluation of the impact of the program on weight loss and dietary and physical activity behaviors of participants. I was responsible for adapting the intervention, training WIC staff in its delivery, oversight of recruitment and intervention fidelity, and overall study management.

Role: Principal Investigator; 5% FTE (in kind)

RWJF (PI: Franklin) 2008-2010
Patient eHealth Tools to Guide Treatment Choice and Assess Outcome \$198,684

This study developed a prototype web-based tool to translate quality measurement data to individualized, evidence-based outcome predictions to guide patient's decisions regarding total knee replacement surgery. I contributed my expertise in health literacy and adult learning for the development of the tool, and oversaw recruitment and the qualitative evaluation of the tool.

Role: Co-Investigator; 5% FTE

R18 CD000521 (PI: Luckmann) 2007-2010
CDC \$1,838,371

Implementation Study of a Mammography Reminder System in a Healthcare Network

The goal of this project was to test an intervention to increase mammography screening among women age 40 and older who were patients of primary care providers in a large healthcare network and were due or overdue for a mammogram. I contributed to the design of the intervention and training of study providers in the intervention delivery.

Role: Co-Investigator; 10 – 2% FTE over study period

R21 CA118686 (PI: Hargraves) 2007-2009
NIH \$357,500

Perceived bias in Medical Care Among Ethnically Diverse Adults with Diabetes

This project developed patient measures of perceived bias in their encounters with health care professionals, and explored the effect of perceptions of bias and discrimination on relations between doctors and patients. I lent expertise in literacy and cultural issues to this study.

Role: Co-Investigator; 5% FTE

R21 CA10866 (PI: Costanza) 2005-2007
NIH, NCI \$383,668

A Novel Decision Aid for Prostate Cancer Screening

This study evaluated a novel decision aid for prostate cancer screening combining computer assisted telephone counseling and print materials to help men make an informed decision about getting PSA testing. I was responsible for developing the structure of the motivational counseling intervention and training the intervention providers in its delivery.

Role: Co-Investigator; 11% FTE

R18 DK065985 (PI: Rosal) 2004-2010
NIH, NIDDK \$2,473,151

Diabetes Management for Low-Income Hispanic Patients

This randomized clinical trial tested the efficacy of a culturally-tailored literacy-sensitive intervention designed to enhance adherence to diabetes self-management behaviors and improve glycemic control (HbA1c) among low-income Hispanic individuals with type 2 diabetes mellitus. I developed the study intervention, trained lay community counselors in its delivery, oversaw its

implementation and oversaw assessments and study management.

Role: Principal Investigator; 40 – 50% FTE over study period

R18 DK067549 (PI: Ockene, Rosal)

2004-2009

NIH, NIDDK

\$2,629,989

The Lawrence Latino Diabetes Prevention Project

This project tested a literacy and culturally sensitive intervention for promoting weight loss, for the prevention of type 2 diabetes among low-income Hispanic individuals. As co-PI of this study I was responsible for the design of the intervention, training of lay providers in its delivery, and contributing to a community-based partnership with several community agencies in the city of Lawrence, MA which collaborated in all aspects of the trial implementation.

Role: Co- Principal Investigator; 25% FTE

BONRC (PI: Pbert, Rosal)

2004-2006

Feasibility and Structure of a Systems-Based intervention to Prevent and Treat Obesity

\$31,064

The overall goal of this two-year study is to determine the feasibility, structure and content of an office systems-based intervention to prevent and treat obesity in pediatric practice. I collaborated with Dr. Pbert in all aspects of the study.

Role: Co- Principal Investigator; 5% FTE (in kind)

R01 HL079483 (PI: Lemon)

2004-2008

NIH, NHLBI

\$2,337,789

Step Ahead – Active Living and Healthy Diet at the Workplace

This multi-center RCT tested the effectiveness of a multi-level environmental intervention designed to reduce obesity and overweight among hospital employees through healthy diet and physical activity at the worksite. I contributed expertise in recruitment and development of lifestyle intervention materials for a wide audience to this study.

Role: Co-Investigator; 5% FTE

R21 CA10719 (PI: Luckmann)

2004-2006

NIH, NCI

\$318,000

Telephone Counseling to Support Colon Cancer Screening

This study pilot tested a system for referral of primary care patients to colorectal cancer (CRC) screening using a tailored telephone counseling (TTC) service to enhance adherence. I was responsible for the counselors' training and oversight.

Role: Co-Investigator; 15% FTE

UMMS Dept of Medicine (PI: Ma)

2004-2005

Dietary Control of Diabetes Using a Personal Digital Assistant-Assisted Glycemic Index Score

\$25,000

The primary goal of this study was to gather pilot data on the feasibility of an PDA-based educational program among patients with type 2 diabetes through the implementation of GI-appropriate dietary choices. I was responsible for oversight of the intervention protocol development.

Role: Co-Investigator; 5% FTE

R21 CA100286 (PI: Costanza)
NIH, NCI

2003-2005
\$200,000

Enhanced Intervention for Mammogram Resistant Women

This study explored barriers that keep women from getting mammograms and how to motivate those who steadfastly refuse to adhere to cancer screening guidelines. I collaborated in the design of the qualitative methodology, study implementation and data interpretation.

Role: Co-Investigator; 20% FTE

RWJF and Novo Nordisk Pharmaceuticals (PI: Rosal)

2002-2005
\$100,000

Development of a Videotape to Facilitate Healthy Eating and Physical Activity in Low-Literate/Illiterate Hispanics/Latinos

This project consisted of the systematic development of the Spanish version of a videotape of an educational/psychosocial intervention drama ("soap opera") to facilitate health behavior change among Latinos with or at risk for diabetes. I conceived the idea, designed a plan for the production of the drama, and designed and implemented a plan for its qualitative evaluation.

Role: Principal Investigator; 20% FTE

ADA (PI: Rosal)

2002-2003
\$100,000

Diabetes Management for Low-Income and Minority Patients: A Pilot Study

The overall goal of this study is to gather pilot data on the feasibility of implementing a cognitive-behavioral intervention designed to enhance adherence to diabetes self-management behaviors, and quality of life among low-income and minority individuals with type 2 diabetes. I was responsible for the design and implementation of the intervention, selection and adaptation of survey measures, and the overall conduct of the study.

Role: Principal Investigator; 5% FTE

Arthur Smith Foundation (PI: Rosal)

2001-2002
\$60,000

Plumley Village East Health Study

This was a formative study involving focus groups to identify barriers and opportunities for intervention among low-income Latinos with type 2 diabetes. This study also sought input from individuals to help tailor behavior change interventions and to adapt existing research measures to be used in research with low-income Latino individuals.

Role: Principal Investigator; 15% FTE

U57 CCU120639 (PI: Costanza)
CDC

2001-2004
\$709,538

Accelerating the Adoption of Colorectal Cancer Screening Guidelines

The objective of the study was to increase rates of colorectal cancer (CRC) screening among asymptomatic women and men, aged 50-75. Using a randomized controlled intervention design, the study compared the effectiveness of a usual care arm (UC) and a two step intervention comprised of a mailed print communication (a type of media outreach) followed three months later by an enhanced telephone counseling intervention.

Role: Co-Investigator; 10-5% FTE over the study period.

R41 HL064982 (PI: Rosal)

2000-2001

NIH, NHLBI

\$99,999

Web Based Support for Modifying CHD Risk Behaviors

This study developed home-based educational and support tools to facilitate changes in diet and physical activity in CHD patients.

Role: Principal Investigator; 20%

R01 HL66786 (PI: Ockene)

2000-2004

NIH, NHLBI

\$2,025,779

Improving Adherence to Pharmacological Treatment

This study implemented and evaluated the effect of a systems-based and pharmacist-mediated program designed to improve adherence to lipid-lowering pharmacologic therapy among patients with known coronary heart disease (CHD) and of their physicians/nurse practitioners (MD/NPs) to the National Cholesterol Education Program Guidelines. I designed the behavioral counseling algorithm and trained and oversaw pharmacists in its delivery.

Role: Co-Investigator; 15% FTE

R18 HL44492 (PI: Ockene)

1998-2004

NIH, NHLBI

\$532,460

Systems to Enhance Provider Counseling in Hyperlipidemia, WATCH II

This study tested the effectiveness of a systems approach to lipid management involving telephone counseling for dietary change and an automated referral to a dietary intervention originally developed in the original Worcester Area Trial for Counseling Hyperlipidemia (WATCH). The comparison group for this study was a physician delivered counseling with reminders condition, the intervention found to be successful in WATCH.

Role: Co-Investigator; 11% FTE

K01 AG000818 (PI: Rosal; Mentor: J. Ockene)

1997-2003

NIH, NHLBI

\$465,000

Adherence to Dietary Modification in the Women's Health Initiative (WHI)

The purpose of this study was to 1) conduct formative research in order to construct a broad conceptual framework to explain dietary adherence; and 2) utilizing the constructed framework to conduct a prospective study to investigate factors which are related to adherence to diet modification by WHI participants.

Role: Principal Investigator; 75 – 30% FTE over study period

R01 HL52745 (Ancillary study PI: Rosal; Mentor: I. Ockene)

1995-1999

NIH, NHLBI

\$130,073

Influence of Stress on Lipids

The primary aim of this study was to describe seasonal variation in psychological stress and biomarkers in a HMO population and to examine their associations with lipids.

Role: Principal Investigator; 20% FTE

N01 WH-4-2116 (PI: Ockene)

1994-2005

NIH, NHLBI

Clinical Centers for the Clinical Trial and Observational Study of the Women's Health Initiative – East

The clinical trial evaluated the effectiveness of three treatments: 1) hormone

replacement therapy; 2) low-fat diet; and 3) supplementation with calcium and vitamin D, on the health of post-menopausal women aged 50-79 years. The observational study followed post-menopausal women longitudinally to determine relationships between predictors of disease, biological markers of disease, and frank disease outcomes.

Role: Co- Principal Investigator; 15% - 5% effort over study period

Consultant on Research Projects

National

R01 (PI: A. Schoenthaler) My Choice (Mi Opción): Tailored Approaches to Improve Medication Adherence in Hypertensive Latinos School of Medicine, New York University Role: Consultant	2014-2019
American Heart Association (PI: A. Schoenthaler) Helping Hypertensive Latinos to Improve Medication Adherence School of Medicine, New York University Role: Consultant	2012-2015 \$198,000
NIH/NINDS (MPI: G Ogedegbe, O. Williams) Center for Stroke Disparities Solutions School of Medicine, New York University	2012-2017 \$12,071,679
Heath Foundation of Central MA (PI: Gomez) Latino Elder Program Mental Health Initiative Centro Las Americas, Worcester, MA Role: Consultant (in-kind)	2012-2013 \$92,000
Physicians' Foundation (PI: Wiecha) Solving the Adoption of Innovative Dilemma for Solo and Small-Group Practices Boston University/Boston Medical Center Role: Consultant	2007-2009 \$320,000
American Heart Association Heritage Affiliate (PI: Fernandez) Promoting Therapeutic Lifestyle Changes to Improve Blood Pressure Among Hypertensive Latino Older Adults New York University School of Medicine Role: Consultant	2007-2009 \$75,000
RWJF (PI: Anderson) Improving Self-Management in Patients with Diabetes and Depression Community Health Center, CT Role: Consultant	2003-2004
RWJF (PI: Breines) Proyecto Vida Saludable: Innovative Diabetes Self-Management Strategies for Latino Patients	2003-2004

Holyoke Community Health Center, MA
Role: Consultant

International

Charutar Arogya Mandal, India (PI: J. Allison/A. Soni) Apr 2013-2014

Understanding Predictors of Maternal and Child Health in Rural Western India (Anand district of Gujarat India)

Office of Global Health Pilot Project Grant, University of Massachusetts
Medical School
Role: Co-Investigator

School of Nursing-Pontificia Universidad Católica de Chile (PI: C. Bustamante) Mar 2013-2014
Proyecto de Literacidad en Diabetes Tipo 2

Role: Consultant on proposal

University of Puerto Rico (PI: N. Davlia Ortiz) Jan 2013-2014

Cultural Adaptation of Diabetes Self-Management Program: *Latinos en Control*

School of Nursing, University of Puerto Rico
Role: Consultant on proposal

PUBLICATIONS

Peer-Reviewed Articles

1. **Rosal MC**, Downing J, Littman AB, Ahern DK. Sexual functioning post-myocardial infarction: Effects of beta-blockers, psychological status and safety information. *Journal of Psychosomatic Research* 1994; 38(7):655-667.
2. Hibberd PL, Surman OS, Bass M, Tolloff-Rubin NE, Cosimi AB, Schooley RT, Doran M, Delvecchio A, **Rosal MC**, Rubin R. Psychiatric disease and cytomegalovirus viremia in renal transplant patients. *Psychosomatics* 1995; 36(6):561-583.
3. **Rosal MC**, Ockene IS, Ockene JK, Barrett SV, Ma Y, Hebert JR. A longitudinal study on students' depression at one medical school. *Academic Medicine* 1997; 72(6):542-546.
4. **Rosal MC**, Ockene JK, Ma Y, Hebert JR, Ockene IS, Merriam P, Hurley TG. Coronary artery smoking intervention study (CASIS): Five-year follow-up. *Health Psychology* 1998; 17(5):476-478.
5. **Rosal MC**, Ockene JK, Hurley TG, Hebert JR, Kalan K. Effectiveness of nicotine-containing gum in the physician-delivered smoking intervention study. *Preventive Medicine* 1998; 27(2):262-267.
6. Merriam PA, Ockene IS, Hebert JR, **Rosal MC**, Matthews CE. Seasonal variation of blood cholesterol levels: Study methodology. *Journal of Biological Rhythms* 1999;14(4): 330-339.

7. King JA, **Rosal MC**, Ma Y, Reed G, Kelly TA, Stanek EJ, Ockene IS. Sequence and seasonal effects of salivary cortisol. *Behavioral Medicine* 2000;26(2):67-73.
8. Harmatz MG, Well AD, Overtree CE, Kawamura KY, **Rosal MC**, Ockene IS. Seasonal variation of depression and other moods: A longitudinal approach. *Journal of Biological Rhythms* 2000;15(4):344-350.
9. Sherman AM, Bowen DJ, Vitolins M, Perri MG, **Rosal MC**, Sevick MA, Ockene JK. Dietary adherence: characteristics and interventions. *Controlled Clinical Trials* 2000; 21(5 Suppl):206S-211S.
10. **Rosal MC**, Ockene JK, Hurley TG, Reiff S. Prevalence and co-occurrence of health risk behaviors among high-risk drinkers in a primary care population. *Preventive Medicine* 2000;31(2 Pt 1):140-147.
11. **Rosal MC**, Ockene JK, Ma Y, Hebert JR, Merriam P, Matthews CE, Ockene IS. Behavioral risk factors among members of a health maintenance organization. *Preventive Medicine* 2001;33:586-594.
12. Matthews CE, Freedson PS, Hebert JR, Stanek EJ, Merriam PA, **Rosal MC**, Ebbeling CB, Ockene IS. Seasonal variation in household, occupational, and leisure-time physical activity: Longitudinal analyses from the Seasonal Variation of Blood Cholesterol Study. *American Journal of Epidemiology* 2001;153(2):172-183.
13. Wilcox S, Schumaker SA, Bowen DJ, Naughton MJ, **Rosal MC**, Ludlam SE, Dugan B, Hunt J, Stevens S. Promoting adherence and retention to clinical trials in special populations: A Women's Health Initiative Workshop". *Controlled Clinical Trials* 2001;22(3):279-289.
14. **Rosal MC**, Ebbeling CB, Lofgren I, Hebert JR, Ockene IS, Ockene JK. Facilitating dietary change: the patient-centered counseling model. *Journal of the American Dietetic Association* 2001; 101(3):332-338.
15. Hsia J, Rodabough R, **Rosal MC**, et al. Compliance with National Cholesterol Education Program dietary and lifestyle guidelines among older women with self-reported hypercholesterolemia: the Women's Health Initiative. *The American Journal of Medicine* 2002; 113:384-392.
16. Matthews CE, Ockene IS, Freedson PS, **Rosal MC**, Merriam PA, Hebert JR. Moderate to vigorous physical activity and risk of upper-respiratory tract infection. *Medicine and Science in Sports and Exercise* 2002; 34(8): 1242-1248.
17. Kearney M, **Rosal MC**, Ockene JK, Churchill LC. Influences on older women's adherence to a low-fat diet in the Women's Health Initiative. *Psychosomatic Medicine* 2002; 64(3):450-457.
18. **Rosal MC**, Carbone ET, Goins KV. Use of cognitive interviewing to adapt measurement instruments for low-literate Hispanics. *The Diabetes Educator* 2003; 29(6): 1006-1017.

19. von Goeler DS, ***Rosal MC**, Ockene JK, Scavron J, De Torrijos F. Self-management of type 2 diabetes: A survey of low income, urban Puerto Ricans. *The Diabetes Educator* 2003; 29(4): 663-672.
20. Women's Health Initiative Study Group. Dietary adherence in the Women's Health Initiative Dietary Modification Trial. *Journal of the American Dietetic Association* 2004; 104(4):654-658.
21. **Rosal MC**, King J, Ma Y, Reed GW. Stress, social support and cortisol: Inverse associations? *Behavioral Medicine* 2004; 30(1): 11-21.
22. **Rosal MC**, Ockene JK, Luckmann R, Zapka J, Goins KV, Saperia G, Mason T, Donnelly G. Coronary heart disease multiple risk factor reduction: Providers' perspectives. *The American Journal of Preventive Medicine* 2004; 27(2S): 54-60.
23. **Rosal MC**, Goins KV, Carbone ET, Cortes DE. Views and preferences of low-literate Hispanics regarding diabetes education: Results of formative research. *Health Education and Behavior* 2004; 31(3): 388-405.
24. King JA, **Rosal MC**, Ma Y, Reed GW. Association of stress, hostility and plasma testosterone. *Neuroendocrinology Letters* 2005;26(4):355-360.
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26. Ockene JK, Barad DH, Cochrane BB, Larson JC, Gass M, Wassertheil-Smoller S, Manson JE, Barnabei VM, Lane DS, Brzski RG, **Rosal MC**, Wylie-Rosett J, Hays J (for the WHI Investigators). Symptom experience after stopping estrogen plus progestin in the Women's Health Initiative. *Journal of the American Medical Association* 2005; 294(2):183-193.
27. **Rosal MC**, Olendzki B, Reed GW, Gumieniak O, Scavron J, Ockene IS. Diabetes self-management among low-income Spanish-speaking patients: A pilot study. *Annals of Behavioral Medicine* 2005; 29(3):225-35.
28. Ma Y, Bertone ER, Stanek EJ, Reed GW, Hebert JR, Cohen NL, Olendzki BC, **Rosal MC**, Merriam PA, Ockene IS. Eating patterns in a free-living healthy U.S. adult population. *Ecology of Food and Nutrition* 2005; 44:37-56.
29. Carbone ET, Lennon KM, Torres MI, **Rosal MC**. Testing the feasibility of an interactive learning styles measure for U.S. Latino adults with type 2 diabetes and low-literacy. *International Quarterly of Community Health Education* 2005-2006; 25(4):315-335.
30. Ma Y, Olendzki BC, Chiriboga D, **Rosal MC**, Sinagra E, Crawford S, Hafner AR, Pagoto SL, Magner RP, Ockene IS. PDA-assisted low glycemic index dietary intervention for type 2 diabetes: A pilot study. *European Journal of Clinical Nutrition* 2006;60(10):1234-1243.

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Book Chapters

1. **Rosal MC**, Ockene IS, Ockene JK. Smoking cessation as a critical element of cardiac rehabilitation. Pashkow FJ, Dafoe WA (Eds). *Clinical Cardiac Rehabilitation: A Cardiologist's Guide* (second edition). Williams and Wilkins, 1999. Pages 365-382.
2. **Rosal MC**, Bodenlos JS. Culture and health-related behavior. Shumaker SA, Ockene JK, Riekert KA (Eds). *The Handbook of Health Behavior Change* (third edition). New York: Springer Publishing Company, 2009. Pages 39-58.
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Manuscripts under Review or in Preparation

1. Shih RA, Eibner C, Griffin BA, Bird CE, Slaughter ME, Lurie N, Manson J, Michael Y, Safford M, Gold R, Masaki K, **Rosal MC**, Allison M, Sarto G, Dubowitz T, Escarce JJ. Neighborhood racial/ethnic composition and risk of coronary heart disease: Artifact of neighborhood socioeconomic status. *Journal of Urban Health* (under review).
2. **Rosal MC**, Wang ML, Arroyo J, Druker S, Sankey HZ. Pregnant Latina women gaining excessive gestational weight gain: Knowledge, attitudes and provider advice. *Women & Health* (under review).
3. Moore Simas TA, Waring ME, Sullivan GMT, Liao X, **Rosal MC**, Hardy JR, Berry RE. Institute of Medicine 2009 gestational weight gain guideline knowledge: Survey of obstetrics/gynecology and family medicine residents of the United States. *Birth* (under review).
4. Assaf AR, Beresford SA, Markham Risica P, Aragaki AK, Brunner RL, Bowen DJ, Naughton MJ, **Rosal MC**, Snetselaar L, Wenger N. Low-fat dietary pattern intervention and health-related quality of life: The WHI randomized controlled Dietary Modification Trial. *Quality of Life Research* (under review)
5. Ayers DC, Li W, Oatis C, **Rosal MC**, Franklin PD. Pain in low back and non-operative hip and knee joints associated with poorer post-total knee replacement function. *The Journal of Bone and Joint Surgery* (under review).

6. Waring ME, Moore Simas TA, Barnes K, Terk D, Baran I, Liao X, Pagoto SL, **Rosal MC**. Recalled provider gestational weight gain advice versus 2009 Institute of Medicine recommendations. *Obstetrics & Gynecology* (under review).
7. Waring ME, Moore Simas TA, Lombardini LM, Allison JJ, **Rosal MC**, Pagoto SL. Pregnant women's interest in an internet-delivered gestational weight gain intervention. *American Journal of Preventive Medicine* (under review).
8. Wang ML, Lemon SC, Whited M, **Rosal MC**. Who benefits from diabetes self-management interventions? The influence of depression and support in the Latinos en Control Trial. *Annals of Behavioral Medicine* (submitted as a research letter – under review).
9. Cuffee YL, Hargraves L, **Rosal MC**, Briesacher B, Schoenthaler A, Person S, Hullett S, Allison J. Reported racial discrimination, trust in physicians and medication adherence among inner-city African Americans with hypertension. *Journal of Healthcare for the Poor and Underserved* (under review).
10. Ma Y, Hebert JR, Balasubramanian R, Wedick N, Howard BV, **Rosal MC**, Liu S, Bird CE, Ockene JK, Wactawski-Wende J, Phillips LS, Lamonte M, Schneider KL, Olendzki BC, Garcia L, Ockene IS, Merriam PA, Sepavich DM, Mackey RH, Johnson KC, Manson JE. Racial/ethnic disparities in mortality in postmenopausal women with and without diabetes. *JAMA* (under review).
11. Oatis CA, Li W, DiRusso JM, Hoover MJ, Johnston KK, Butz MK, Phillips AL, Nanovic KM, Childs EA, **Rosal MC**, Ayers D, Franklin PD. Variations in delivery and content of physical therapy rehabilitation following total knee replacement surgery. *Physical Therapy* (under review).
12. Chasan-Taber L, Hosker M, Marcus BH, **Rosal MC**, Braun B, Stanek Jr III E, Markenson G. Feasibility of a randomized trial to prevent gestational diabetes in overweight and obese Hispanic women. *BMC Pregnancy and Childbirth* (under review).
13. Bodenlos JS, **Rosal MC**, Moore Simas TA, Crawford S, Leung K, Sankey HZ. Predictors of gestational weight gain among White and Latina women and association with prematurity and birth weight. *Women's Health Issues* (under review).
14. Schoenthaler A, **Rosal MC**, et al. Your body tells you that now you need that pill: A common sense model of medication adherence among Latinos with uncontrolled hypertension. *Ethnicity & Disease* (under review).

Published Abstracts

1. Hsia J, Rodabough RJ, Manson JE, Graetinger W, Liu S, **Rosal MC**, Frieberg MS, Robinson JG, Cochrane BB, Howard BV. Evaluation of the AHA cardiovascular disease prevention guidelines in the Women's Health Initiative. *Journal of the American College of Cardiology* 2009;53:A219.
2. McTigue KM, Chang Y, Valoski A, Charles BE, Garcia L, Lewis CE, Liu S, Johnson K, Robinson J, **Rosal MC**, Kuller L. Clinical weight status, cardiac disease and mortality in women of diverse racial/ethnic backgrounds. *Circulation* 2008;118:S1091.

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ABSTRACTS AND PRESENTATIONS

Oral Presentations

National/International Meetings

1. **Rosal MC**. Lessons learned in implementing a community-based cardiovascular health intervention in a multicultural Latino community. 141st American Public Health Association (APHA) Annual Meeting. Boston, MA, November 2013 (accepted for presentation).
2. Oatis CA, Li W, **Rosal MC**, Ayers DC, Franklin PD. Physical activity and timing of discharge from physical therapy following total knee replacement. Combined Sections Meeting of the American Physical Therapy Association. San Diego, CA, January 2013.
3. Oatis CA, Li W, **Rosal MC**, Ayers DC, Franklin PD. Associations between body mass index and physical activity following total knee replacement. Combined Sections Meeting of the American Physical Therapy Association. San Diego, CA, January 2013.
4. **Rosal MC**, Lemon SC. Eliminating health disparities through narrative-based interventions. PRC Seminar Series at CDC. Worksite and Clinic Strategies to Reduce Chronic Disease: Examples from the Prevention Research Centers. Atlanta, GA, November 2012.
5. Oatis CA, Li W, **Rosal MC**, Ayers DC, Franklin PD. Association between body mass index and physical activity following total knee replacement. The American College of Rheumatology/Association of Rheumatology Health Professionals 76th Annual Scientific Meeting. Washington, DC, November 2012.
6. Wiecha JM, **Rosal MC**, Schoonheim M, Meraldi M, Heyden R, Heyden N. Learning in a virtual world: Experience using second life for medical and health behaviors education. *Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research Conference*, Boston, MA, September 2012.

7. **Rosal MC**, Lemon SC, Nguyen O, Driscoll N, DiTaranto L. Challenges and facilitators for implementation and sustainability of a post-partum weight loss intervention for diverse low-income women. The Society of Behavioral Medicine 33rd Annual Meeting, New Orleans, LA, April 2012.
8. Schneider KL, Pagoto SL, Lemon SC, **Rosal MC**, Pbert L, Ockene JK. Lessons learned from implementing weight related interventions into community settings. The Society of Behavioral Medicine 33rd Annual Meeting, New Orleans, LA, April 2012.
9. Franklin PD, **Rosal MC**, Li W, Oatis C, Ayers DC. Can telephone support during post-TKR rehabilitation improve post-op function: A randomized controlled trial. American Academy of Orthopedic Surgeons, San Francisco, CA, February 2012.
10. **Rosal MC**, Lemon SC, Driscoll NE, Nguyen O, Estabrook B. Pilot program for facilitating postpartum weight loss among low-income women. The Society of Behavioral Medicine 32nd Annual Meeting, Washington, DC, April 2011.
11. **Rosal MC**. A pilot intervention for postpartum weight loss among low-income women. Centers for Disease Control and Prevention, Prevention Research Centers Program 2011 Annual Conference. The Changing Face of Public Health Research and Practice, Atlanta, GA, April 2011.
12. Ma Y, Ockene IS, **Rosal MC**, Merriam PA, Ockene JK, Gandhi P. Improving adherence to pharmacologic treatment after diagnosis of coronary heart disease: A randomized clinical trial. The Society of Behavioral Medicine 31st Annual Meeting, Seattle, WA, April 2010.
13. Shah R, Winkleby MA, Van Hron L, Phillips L, Eaton C, Martin LW, **Rosal MC**, Manson JA, Llyod-Jones DM, Klein L. Association of education and income with incident heart failure. The Women's Health Initiative. The 50th Cardiovascular Disease Epidemiology and Prevention Annual Conference, San Francisco, CA, March 2010.
14. **Rosal MC**, Restrepo A, Olendzki B, Scavron J, Ockene IS, Thompson M, White MJ, Reed GW. Effectiveness of a diabetes self-management intervention: Latinos in Control. The American Diabetes Association (ADA) 69th Scientific Sessions, New Orleans, LA, June 2009.
15. McTigue K, Chang Y, Valoski A, Kuller L, Eaton CB, Garcia L, Johnson K, Lewis B, Liu S, Robinson J, **Rosal MC**. Cardiovascular and mortality risk associated with extreme obesity in women of diverse racial/ethnic backgrounds. American Heart Association (AHA) Scientific Sessions, New Orleans, LA, November 2008.
16. Lemon SC, Zapka JG, Li W, Estabrook B, Hale JF, **Rosal MC**. Ecological weight control intervention in hospital worksites. Symposium: Worksite environmental interventions for obesity control. American Heart Association Annual Meeting, Orlando, FL, November 2007.
17. Lemon SC, Zapka JG, Estabrook B, Hale J, **Rosal MC**, Jolicoeur D, Andersen V, Borg A. The Step Ahead Trial: An ecological weight control intervention targeting hospital employees. Symposium: Worksite interventions for nutrition and physical activity to prevent obesity. International Society of Behavioral Nutrition and Physical Activity.

Boston, MA, July 2006.

18. **Rosal MC**, Ockene JK. What Does Behavioral Medicine Have to Offer Women Going Through Menopause? Society of Behavioral Medicine 26th Annual Meeting, Boston, MA, 2005
19. **Rosal MC**, Ockene JK. Symposium Chair and Presenter, Cognitive Function and Quality of Life for Women in the Women's Health Initiative Estrogen Plus Progestin RCT. The Women's Health Initiative: The Role of Behavioral Scientists. Society of Behavioral Medicine 25th Annual Meeting, Baltimore, MD, 2004
20. Carbone ET, Bermudez OI, Torres MI, **Rosal MC**, Heffernan D, Nuener S, Sarvela P. Perceived barriers and facilitators in diabetes self-management by Latino patients and their providers. First Annual Conference on Working with Latinos/Hispanics in the USA, San Juan, Puerto Rico, October 2004.
21. **Rosal MC**, Dutton-Douglas M, Perrin S. Anxiety in battered women. Paper presented at the American Psychological Association, Annual Convention, Boston, MA. August, 1990.

Posters

National/International Meetings

1. Moore Simas TA, Boeras C, Zhang N, Gealikman O, Leung K, Wedick N, Robidoux L, Adams Puleo J, Lee M, Corvera S, **Rosal MC**. Associations of adipose tissue architecture, adipokines & inflammatory markers with body mass index and gestational weight gain in non-diabetic pregnancies. The 13th Annual Meeting of the Diabetes in Pregnancy Study Group of North America. Washington, DC, November 2013.
2. Wang ML, Lemon SC, Whited MC, **Rosal MC**. Who benefits from diabetes self-management interventions? The influence of depression & support for the Latinos en Control Trial. The Society of Behavioral Medicine 34th Annual Meeting. San Francisco, CA, March 2013.
3. Mackey RH, McTigue K, Barinas-Mitchell E, Evans RW, Tinker L, Manson J, Liu S, Howard B, Robinson JG, Stefanick M, Phillips L, Allison M, **Rosal MC**, Beresford S, Kuller LH. Adipocytokines, lipoproteins & obesity among Black & White postmenopausal women from the Women's Health Initiative. Epidemiology and Prevention Nutrition, Physical Activity and Metabolism (EPI/NPAM) 2013 Scientific Sessions. New Orleans, LA, March 2013.
4. **Rosal MC**, Cleghorn DG, Geller J, Nordling M, Rivera D, Cappas-Ortiz C, Cruz M, Tellez T, Fortuna L, Lemon S, Garcia A, Velez M, Ockene IS, Albuquerque E, Magner R, Robles Y, Merriam P, Lora V. Using CBPR to improve the scientific process: The Lawrence UMass partnership. 2012 Science of Eliminating Health Disparities Summit. National Harbor, MD, December 2012.
5. Tabung F, Steck SE, Ma Y, Ockene JK, Shivappa N, Hebert JR, Hurley TG, Liese AD, Zhang J, Shikany JM, Park HL, Millen A, Martin LW, Jiao L, Hou L, Agalliu I, Hingle M, Liu S, **Rosal MC**. Validation of the Dietary Inflammatory Index in the Women's Health

Initiative. American Institute of Cancer Research (AICR) Annual Conference. Washington, DC, November 2012.

6. Oatis CA, Li W, **Rosal MC**, Ayers DC, Franklin PD. Physical activity and timing of discharge from physical therapy following total knee replacement. The American College of Rheumatology/Association of Rheumatology Health Professionals 76th Annual Scientific Meeting. Washington, DC, November 2012.
7. Oatis CA, Li W, **Rosal MC**, Ayers D, Franklin PD. Do younger TKR patients have similar disability at time of surgery as older adults? ACR/ARHP American College of Rheumatology 76th Annual Scientific Meeting. Washington, DC, November 2012.
8. Oatis CA, Li W, **Rosal MC**, Ayers D, Franklin PD. Has the level of disability at time of TKR changed over the past 10 years? Results from two national cohorts. ACR/ARHP American College of Rheumatology 76th Annual Scientific Meeting. Washington, DC, November 2012.
9. Oatis CA, Li W, **Rosal MC**, Ayers D, Franklin PD. Differences in baseline characteristics between TKR and THR patients: Results from a national research consortium. ACR/ARHP American College of Rheumatology 76th Annual Scientific Meeting. Washington, DC, November 2012.
10. **Rosal MC**, Whited M, Reed G, Lemon SC. Can a diabetes self-management intervention reduce depressive symptoms among disadvantaged individuals with uncontrolled diabetes? 12th International Congress of Behavioral Medicine Conference. Budapest, Hungary, August 2012.
11. Ayers D, **Rosal MC**, Li W, Zheng H, Franklin P. A Prospective, randomized trial to improve physical function after total knee replacement. Special Emphasis poster presentation at the 125th Annual Meeting of the American Orthopaedic Association. Washington, DC, June 2012.
12. Shih RA, Eibner C, Griffin BA, Bird CE, Slaughter ME, Lurie N, Manson JE, Michael YL, Safford M, Gold R, Masaki K, **Rosal MC**, Allison M, Sarto GE, Dubowitz T, Escarce JJ. Is the increased risk of coronary heart disease among residents of minority neighborhoods an artifact of neighborhood socioeconomic status? Women's Health Initiative (WHI) Annual Investigators Meeting. Washington, DC, May 2012.
13. Bertoia ML, Triche EW, Michaud DS, Baylin A, Hogan JW, Neuhaus ML, Freiberg MS, Allison M, Safford MM, Li W, Mossavaar-Rahmani Y, **Rosal MC**, Eaton CB. Long-term alcohol and caffeine intake and risk of sudden cardiac death in post-menopausal women. Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism (EPI NPAM) Scientific Sessions. San Diego, CA, March 2012.
14. Wiecha JM, **Rosal MC**, Heyden R, Heyden N, Mitchell S. Health education in a virtual world: Experience with patient and professional education in second life. Medicine 2.0 World Congress: Social Media and Web 2.0 in Health, Medicine and Biomedical Research Conference. Palo Alto, CA, September 2011.

15. **Rosal MC**, Lemon SC, McGuire A, Calista J, Gallivan L, Ramirez J, Borg A. Patient navigation to reach disengaged patients. Prevention Research Centers Annual Meeting. Atlanta, GA, April 2011.
16. Ma Y, Balasubramanian R, Schneider K, Culver A, Olendzki b, Safford M, Sepavich D, Hebert J, **Rosal MC**, Ockene JK, Tinker L, Carnethon M, Liu S, Zorn M, Pagoto S. Depressive symptoms, antidepressant use and diabetes in a large multiethnic national sample of postmenopausal women. The Society of Behavioral Medicine 32nd Annual Meeting. Washington, DC, April 2011.
17. Gellar L, Nathanson B, Pbert L, **Rosal MC**. The effect of glycemic index and glycemic load on diabetes control, lipid profiles and anthropometrics among predominantly obese Latinos with type 2 diabetes. The Obesity Society 28th Annual Scientific Meeting. San Diego, CA, October 2010.
18. **Rosal MC**, Lemon SC, Olendzki B. Beverage consumption among low-income Latinos with type 2 diabetes. The American Diabetes Association (ADA) 70th Scientific Sessions. Orlando, FL, June 2010.
19. Schneider KL, Ma Y, Olendzki B, Merriam P, **Rosal MC**, Freedson P, Tellez T, Ockene IS. Validity of the 24 hour Physical Activity Recall among Latinos. The Society of Behavioral Medicine 31st Annual Meeting. Seattle, WA, April 2010.
20. Costanza MD, Luckmann R, White MJ, **Rosal MC**, LaPelle N, Cranos C. An intervention for moving long overdue women to get a mammogram. The 32nd Annual San Antonio Breast Cancer Symposium. San Antonio, TX, December 2009.
21. Fernandez S, **Rosal MC**, De la Calle F, Carbone E, Borg A, Ogedegbe G. Improving blood pressure in hypertensive Latino older adults: Qualitative phase of a mixed-methods study. The Gerontological Society of America's 62nd Annual Scientific Meeting. Atlanta, GA, November 2009.
22. Lakey SL, LaCroix AZ, Grey SL, Borson S, Williams CD, Calhoun D, Goveas JS, Smoller JW, Ockene JK, Masaki KH, Coday MC, **Rosal MC**, Woods NF. Antidepressant use, depression, and incident frailty in the Women's Health Initiative Observational Study (WHI-OS). The Gerontological Society of American 62nd Annual Scientific Meeting. Atlanta, GA, November 2009.
23. Ockene IS, Tellez TL, **Rosal MC**, Merriam PA, Olendzki BC, Ma Y. A Latino community intervention for the prevention of diabetes: The Lawrence Latino Diabetes Prevention Project. The American Heart Association (AHA) Scientific Sessions. Orlando, FL, November 2009. *Circulation* 2009;120:S407.
24. Olendzki B, Clifford L, Lemon SC, **Rosal MC**. Development of an intervention tool to facilitate food choice and self-monitoring among low-income women. The Food and Nutrition Conference and Expo (FNCE). Denver, CO, October 2009.
25. Lemon SC, **Rosal MC**, Scavron J. Factors influencing quality of life (QoL) among low-income Latinos with diabetes. The American Diabetes Association (ADA) 69th Scientific Sessions. New Orleans, LA, June 2009.

26. **Rosal MC**, Lemon SC, Olendzki B, Scavron J, Reed G. Dietary and activity changes in response to a tailored intervention among low-income Latinos with diabetes. Society of Behavioral Medicine 30th Annual Meeting. Montreal, Canada, April 2009.
27. Lemon SC, Zapka JG, Li W, Estabrook B, **Rosal MC**, Hale JF, Andersen V, Borg A, Magner R. Effect of an ecological intervention on dietary behaviors of hospital employees. Society of Behavioral Medicine 30th Annual Meeting. Montreal, Canada, April 2009.
28. Moffitt MN, Hardy JN, Moore Simas TA, **Rosal MC**, Bodenlos JS, Crawford S. Evaluation of adherence to institute of medicine (IOM) weight gain in pregnancy guidelines by BMI. The American College of Obstetrics and Gynecology (ACOG) Annual Clinical Meeting (ACM). New Orleans, LA, May 2008.
29. **Rosal MC**, Restrepo A, Reed GW, White MJ, Magner R, Leung K, Potts J. Risk factor profile of low-income Hispanics with uncontrolled diabetes. Society of Behavioral Medicine 29th Annual Meeting. San Diego, CA, March 2008.
30. **Rosal MC**, Bodenlos J, Crawford S, Leung K, Moore-Simas T, Sankey H. Depression and gestational weight gain among low-income Hispanic and White non-Hispanic women. Society of Behavioral Medicine 29th Annual Meeting. San Diego, CA, March 2008.
31. **Rosal MC**, Lemon S, Li W, Zapka J, Andersen V, Borg A. Contribution of weight perceptions to weight loss efforts. Society of Behavioral Medicine 29th Annual Meeting. San Diego, CA, March 2008.
32. White MJ, **Rosal MC**. Enrolling low-income, low-literate Hispanic patients with type 2 diabetes mellitus in a randomized control trial: Challenges and successes. Society of Behavioral Medicine 29th Annual Meeting. San Diego, CA, March 2008.
33. McTigue KM, Chang Y, Valoski A, Eaton CB, Garcia L, Johnson K, Lewis CE, Liu S, Robinson J, **Rosal MC**, Kuller LH. Adding weight status to cardiovascular risk factor presence in 50-59 year old women can help delineate coronary heart disease risk in white and black women. The Joint Conference – 48th Cardiovascular Disease Epidemiology and Prevention Annual Conference, and Nutrition, Physical Activity and Metabolism Conference. Colorado Springs, CO, March 2008.
34. **Rosal MC**, Ockene IS, White MJ, Olendzki BC, Thompson M, Reed G. Latinos en Control: Assessment and intervention methods for low literate Hispanics with type 2 diabetes (T2DM). Society of Behavioral Medicine 28th Annual Meeting. Washington, DC, March 2007.
35. **Rosal MC**, Borg A, Bodenlos JS, Ockene IS. Knowledge, attitudes and risk perceptions related to diabetes, weight and diabetes prevention in a sample of low-income Latinos. Society of Behavioral Medicine 28th Annual Meeting. Washington, DC, March 2007.
36. Merriam PA, Ma Y, Olendzki BC, Tellez T, **Rosal MC**, Pagoto SL, Ockene IS. Methodology of a diabetes prevention translational project in a Latino community. Society of Behavioral Medicine 28th Annual Meeting. Washington, DC, March 2007.

37. Pagoto SL, Ma Y, Bodenlos J, **Rosal MC**, Olendzki BC, Patil V, Ockene IS. The association of depression and lifestyle factors among Latinos at risk for diabetes. Society of Behavioral Medicine 28th Annual Meeting. Washington, DC, March 2007.
38. Olendzki BC, Ma Y, Pagoto SL, Griffith JA, Merriam PA, **Rosal MC**, Li Z, Patil V, Tellez T, Ockene IS. The difference between self-reported energy intake and estimated energy requirement in a Latino population at risk of developing diabetes. Society of Behavioral Medicine 28th Annual Meeting. Washington, DC, March 2007.
39. Pbert L, **Rosal MC**, Jackson E, Druker S. Development of an office-based intervention to prevent and treat pediatric obesity. (Poster) Society of Behavioral Medicine 27th Annual Meeting. San Francisco, CA, March 2006.
40. Lemon SC, Zapka JG, Estabrook B, **Rosal MC**, Hale J, Franklin PD, Li W. Overview of the Step Ahead Trial: An ecological intervention promoting weight control among hospital employees. American Public Health Association (APHA) Annual Meeting. Philadelphia, PA, December 2005.
41. Pbert L, **Rosal MC**, Jackson E, Druker S. Determining the structure of a systems-based intervention to prevent and treat pediatric obesity. NAASO 2005 Annual Scientific Meeting. Vancouver, British Columbia, October 2005. Printed in the September 2005 supplement to Obesity Research.
42. **Rosal MC**, Elfenbein D, Lemay C, Blake DR. Weight-related beliefs and behaviors among a diverse sample of National Job Training Program students. Society of Behavioral Medicine 26th Annual Meeting, Boston, MA, April 2005.
43. White MJ, Costanza ME, LaPelle N, **Rosal MC**, Stara JR, Luckmann R, Clemow L. Characteristics and health behaviors of women who fail to get screening mammograms. American Society of Preventive Oncology 29th Annual Meeting. San Francisco, CA, March 2005.
44. Carbone ET, **Rosal MC**, Doak LG, Doak CC, Lennon KM. Information processing styles among low-literate Hispanic adults with type II diabetes. First Annual Conference on Working with Latinos/Hispanics in the USA. San Juan, Puerto Rico, October 2004.
45. Cochrane B, Ockene JK, Barad D, Larson J, Wassertheil-Smoller S, Gass M, Manson J, Barnabei V, Lane D, Wylie-Rosett J, **Rosal MC**, Brzyski R, Hays J, Gold E. Menopausal symptoms reported by women after stopping study pills in the Women's Health Initiative (WHI) Estrogen-Plus-Progestin (E+P) Clinical Trial. North American Menopause Society (NAMS) Annual Meeting. Washington, DC, October 2004.
46. Gass M, Cochrane B, Ockene JK, Barad D, Larson J, Barnabei V, Brzyski R, Hays J, Lane D, Manson J, **Rosal MC**, Wassertheil-Smoller S. Sexual function after discontinuing study pills among Women's Health Initiative (WHI) Estrogen-Progestin (E+P) Trial Participants. North American Menopause Society (NAMS) Annual Meeting. Washington, DC, October 2004.
47. Benjamin EM, Pekow P, **Rosal MC**, Lemon SC, von Goeler D, Lynaugh S. Translating diabetes prevention into practice: Community practice patterns and barriers. American Diabetes Association Annual Meeting. Orlando, FL, June 2004.

48. Costanza ME, **Rosal MC**, Luckmann R, Stoddard A, Avrunin JS, White MJ, Stark JR, Clemow L, Vidal A. Computer-assisted telephone counseling (CATC) intervention to promote colorectal cancer screening. American Society of Preventive Oncology 28th Annual Meeting. Bethesda, MD, March 2004.
49. **Rosal MC**, King J, Ma Y, Reed GW. Inverse relationship between basal salivary cortisol and stress and social support in an adult sample. Society of Behavioral Medicine 25th Anniversary Annual Meeting. Baltimore, MD, March 2004.
50. Patterson RE, Tinker L, Burrows B, Ehret C, Beresford S, Caan B, Dale MS, Mackey S, **Rosal MC**. Using a food frequency questionnaire (FFQ) to provide personalized evaluation of fat intake in the women's health initiative. Fifth International Conference on Dietary Assessment Methods. Chiang Rai, Thailand, January 2003.
51. von Goeler D, **Rosal MC**, Ockene JK, Scavron J, DeTorrijos F. Self-management of type 2 diabetes: A survey of low-income, urban Hispanics. Society of Behavioral Medicine 23rd Annual Scientific Sessions. Washington, DC, April 2002.
52. Hsia J, Rodabough R, **Rosal MC**, Cochrane B, Howard B, Snetselaar L, Frishman WH, Stefanik M, for the WHI Investigators. Compliance with National Cholesterol Education Program dietary and lifestyle guidelines among older women with self-reported hypercholesterolemia: The Women's Health Initiative ACC Meeting. March 2001.
53. Matthews CE, Ockene IS, Freedson PS, **Rosal MC**, Hebert JR, Merriam PA. Physical activity and risk of upper-respiratory tract infection. American College of Sports Medicine Meeting. June 2000.
54. Kearney M, **Rosal MC**, Ockene JK, Churchill L. Commitment to self or self-deprivation: women's efforts to maintain a low-fat diet. Sixth International Qualitative Health Research Conference. Banff, Alberta, Canada, April 2000.
55. Zwiren LD, Matthews CE, Freedson PS, **Rosal MC**, Hebert JR, Ockene JK, Ockene IS. Physical activity and cardiovascular disease risk. New England Chapter of the American College of Sports Medicine (NEACSM) Annual Meeting. Burlington, VT, November 1999.
56. Well A, Harmatz M, Kawamura K, Overtree C, Ockene I, **Rosal MC**. A longitudinal study of light exposure and mood. American Psychological Association (APA) 107th Annual Meeting. August 1999.
57. Harmatz M, Well A, Overtree C, Kawamura K, Ockene I, **Rosal MC**. Seasonal variation of depression and other moods: a longitudinal approach. American Psychological Association (APA) 107th Annual Meeting. August 1999.
58. **Rosal MC**, Ockene JK, Reiff S, Sorensen AM, Hurley TG. Prevalence and co-occurrence of health risk behaviors among high-risk drinkers in a primary care population. Society of Behavioral Medicine 20th Annual Scientific Sessions. San Diego, CA, March 1999.
59. **Rosal MC**, Ockene JK, Reiff S, Sorensen AM, Hurley TG. Prevalence and co-occurrence of health risk behaviors among high-risk drinkers in a primary care

population. Society of Behavioral Medicine 20th Annual Scientific Sessions. San Diego, CA, March 1999.

60. **Rosal MC**, Ockene JK, Ockene IS, Ma Y, Merriam P, Hebert JR. Co-occurrence of health risk behaviors among members of a health maintenance organization. Society of Behavioral Medicine 20th Annual Scientific Sessions. San Diego, CA, March 1999.
61. **Rosal MC**, Penava S. Psychosocial profiles of male and female patients entering a cardiac rehabilitation program. Society of Behavioral Medicine Annual Meeting. San Diego, CA, March 1995.

Submitted Abstracts

1. Wedick NM, Olendzki B, Leung K, Kang H, Zhang N, Corvera S, Lee M, Moore Simas TA, **Rosal MC**. Non-supplemental nutrient intake during pregnancy and 3 months postpartum. The Obesity Society Annual Meeting. Atlanta, GA, November 2013.

Local/Regional Meetings

1. McManus R, Nnaji C, Person S, **Rosal MC**, Allison J. UMass Center for Health Equity Intervention Research (CHEIR): Providing support to the UMass system in reducing health disparities through community-engaged research. (Poster) UMass Center for Clinical and Translational Science 3rd Annual Symposium. Worcester, MA, November 2013.
2. Moore Simas TA, Gaelekman O, Zhang N, **Rosal MC**, Lee MM, Corvera S. Adipose tissue architecture and gestational weight gain in normoglycemic pregnancies. (Poster) UMass Center for Clinical and Translational Science (CCTS) 4th Annual Research Retreat. Worcester, MA, May 2013.
3. Tabung F, Steck SE, Ma Y, Ockene JK, Shivappa N, Hurley TG, Liese AD, Zhang J, Shikany JM, Park HL, Millen EA, Martin LW, Jiao L, Hou L, Agulliu I, Hingle M, Liu S, **Rosal MC**, Hebert JR. Validation of the dietary inflammatory index in the Women's Health Initiative Study. Experimental Biology 2013 Annual Conference. Boston, MA, April 2013.
4. Tellez T, **Rosal MC**, Cleghorn GD, Lora V, Velez M, Grullon M, Merriam PA, Ockene IS. Embracing participatoriness: The Lawrence-UMass partnership grows its CBPR legs while working to improve health in Lawrence. "Taking it to the Curbside: Engaging Communities to Create Sustainable Change for Health". The Association for Prevention, Teaching and Research (APTR) Community-Engaged Research Regional Workshop, Harvard Medical School, Boston, MA, April 2010.
5. **Rosal MC**, Lemon S, Driscoll N, Nguyen O, Estabrook B. Development of a Post-Partum Weight Loss Program for Low-Income Women. The Common Pathways Semi-Annual Report to the Community, YWCA, Worcester, MA.
6. **Rosal MC**, Restrepo A, White MJ, Olendzki B, Borg A, Thompson M, Reed G, Ockene IS. Latinos en Control: A randomized clinical trial of a diabetes self-management

intervention for low income Latinos. Fourth Annual Clinical and Translational Health Research Retreat: Linking Cells to Society, Worcester, MA, April 2007.

7. Pbert L, **Rosal MC**, Jackson E, Druker S. Feasibility and structure of a systems-based intervention to prevent and treat pediatric obesity: The healthy living project. (Poster) Boston Obesity Nutrition Research Center (BONRC) Annual Program, Boston, MA, June 2006.

MEDIA COVERAGE

1. UMass targets health disparities with \$6.7M NIMHD grant program. Published article in UMassMedNow by Lisa Larson, UMass Medical School Communications, July 26, 2012. Available at <http://www.umassmed.edu/news/2012/research/NIMHD-grant-targets-health-disparities.aspx>
2. UMass Medical gets \$6.7 million federal grant to battle health disparities. Published article in the Boston Globe by reporter Kay Lazar, July 26, 2012. Available at <http://bostonglobe.com/lifestyle/health-wellness/2012/07/26/million-federal-grant-umass-medical-battle-health-disparities/A92pE5DlkZ4zRb7yDOTEK/story.html>
3. \$6.7M grant targets racial health inequity in Central Mass. Published article in the Worcester Telegram by reporter Karen Nugent, July 27, 2012. Available at <http://www.telegram.com/article/20120727/NEWS/107279673/-1/NEWS04>
4. The University of Massachusetts in Worcester has received a \$6.7 million grant to establish the UMass center for health equity intervention. Published article in the Sunday Republican (Springfield, MA) by reporter Elizabeth Roman, July 27, 2012.
5. Novela approaches to diabetes. Interview for NPR Latino USA with Maria Hinojosa by reporter Amy Mayer, April 20, 2012. Available at <http://www.futuromediagroup.org/lusa/2012/04/20/510/>
6. Using novellas to fight diabetes. Article published at NBC Latino.com by reporter Nina Terrero, Web Producer, January 3, 2012. Available at <http://NBCLatino.tumblr.com/post/15311446177/using-novelas-to-fight-diabetes>
7. Pioneering telenovelas have diabetes lessons. UMass Med School team aims at Latinos. Published article in the Worcester Telegram and Gazette by reporter Karen Nugent, December 31, 2011. Available at <http://www.telegram.com/article/20111231/NEWS/112319835>
8. Diabetes intervention proves effective in Lawrence. Published article in UMassMedNow by Ellie Castano, UMass Medical School Communications, December 16, 2011. Available at http://www.umassmed.edu/news/2011/research/lawrence_study_results.aspx
9. Using soap operas, cooking classes to fight diabetes. Published article in WBUR, December 16, 2011. Available at <http://commonhealth.wbur.org/2011/12/soap-operas-for-diabetes/>

10. UMass researchers target diabetes in Lawrence Latinos. Published article in the Boston Globe by reporter Kay Lazar, December 15, 2011. Available at <http://www.boston.com/Boston/dailydose/2011/12/umass-researchers-target-diabetes-lawrence-latinos/qJNrBgmTi28C4qdWfVOqXI/index.html>
11. Patients manage diabetes virtually. Published article in Hypergrid Business, the Magazine for Enterprise Users of Virtual Worlds by Maria Korolov, August 12, 2011. Available at <http://www.hypergridbusiness.com/2011/08/high-completion-rate-in-virtual-diabetes-program/>
12. Virtual worlds, real gains. Published article in Research at Boston University Magazine by Cassandra Nelson, August 2011. Available at www.bu.edu/research
13. Weight loss among post-partum women. WICN Radio Interview, Common Pathway's Working Together Program, host Steven D'Agostino, September 2009.
14. Getting ahead of diabetes. Study on disease prevention targets Lawrence Latinos. Published article in the Eagle Tribune by Julie Kirkwood, staff writer, January 3, 2005. Available at http://www.ecnnews.com/cgi-bin/05/etarchivestory.pl?200501+fn-LI_001.htm-20050103
15. The cost of good nutrition. Why the poor eat so poorly. Published article in the Boston Globe by reporter Stephen Smith, November 30, 2004. Available at <https://secure.pqarchiver.com/boston/access/749505391.html?FMT=FT&FMTS=ABS:FT&type=current&date=Nov+30%2C+2004&author=Stephen+Smith%2C+Globe+Staff&pub=Boston+Globe&edition=&startpage=B.7&desc=THE+COST+OF+GOOD+NUTRITION+%3B+WHY+THE+POOR+EAT+SO+POORLY&pf=1>
16. Diabetes Pre-emption. An ambitious UMMS initiative introduces weight control, nutrition and exercise programs to a population at high risk for developing diabetes, with implications for all. Published article in Vitae (University of Massachusetts Medical School magazine) by Michael Cohen, Fall/Winter 2004, Volume 27 Issue 1.