

COLLEGE OF PUBLIC HEALTH CURRICULUM VITAE

Marcia M Ward

July 17, 2022

I. EDUCATION AND PROFESSIONAL HISTORY

A. Education

<u>Institution</u>	<u>Field of Study</u>	<u>Degree Obtained</u>	<u>Degree Date</u>
Ohio State University, Columbus, Ohio	Human Neuro- psychology and Psycho- physiology	BA	1973
Ohio State University, Columbus, Ohio	Clinical Psychology	MA	1976
Ohio State University, Columbus, Ohio	Clinical Psychology	PhD	1981

B. Professional and Academic Positions

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Graduate Research Assistant	1973-1977	Psychophysiology & Endocrinology Research Laboratory, Department of Clinical Psychology and Department of Medical Rehabilitation, Ohio State University, Columbus
Predocutorial Psychology Intern (APA approved)	1977-1978	Veterans Administration Hospital, San Francisco CA, San Francisco
Research Psychologist	1978-1985	Department of Behavioral Medicine, SRI International, Menlo Park
Clinical Psychology Consultant and Biofeedback Therapist	1978-1985	Private Practice of John Glathe M.D, Palo Alto
Senior Research Psychologist	1985-1993	Center for Health Sciences, SRI International, Menlo Park
Senior Research Consultant	1993-1997	Center for Health Sciences, SRI International, Menlo Park

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Associate Director	1996-1997	Center for Health Sciences, SRI International, Menlo Park
Associate Professor	1997-2006	Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City
Director	1999-2014	Doctoral Program, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City
Deputy Director	2000-2006	Center for Health Policy and Research, College of Public Health, University of Iowa, Iowa City
Senior Scientist	2004-2006	Center for Research in the Implementation of Innovative Strategies in Practice (CRIISP), Iowa City VA Center of Excellence, Iowa City
Professor	2006-Present	Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City
Director	2007-Present	Center for Health Policy and Research, College of Public Health, University of Iowa, Iowa City
Faculty	2007-Present	Interdisciplinary Graduate Program in Health Informatics, University of Iowa, Iowa City
Advisory Board Member	2007-2015	Interdisciplinary Graduate Program in Health Informatics, University of Iowa, Iowa City
Associate Head	2007-2011	Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City
Director	2015-2024	Rural Telehealth Research Center, College of Public Health, University of Iowa, Iowa City
Interim Head	2017-2018	Department of Health Management and Policy, University of Iowa

C. Honors, Awards, Recognitions, and Outstanding Achievements

Year Title

<u>Year</u>	<u>Title</u>
1984	Citation Paper Award, American Psychological Association
1991	Excellence Award, SRI International
1993	Citation Paper Award, Society of Behavioral Medicine
2000-Present	Elected Fellow, Society of Behavioral Medicine
2007	Senior author of paper named "The Distinguished Paper", North American Primary Care Research Group
2008	Co-author of paper named "Best Paper of 2008", Telemedicine and e-Health editorial board
2009	First author of abstract named "2009 Most Outstanding Abstracts", AcademyHealth Annual Meeting
2009	Senior author of paper named "Best Paper in Health Care Track", HICCS 42 Proceedings
2013-Present	Delta Omega Honorary Society in Public Health
2016	Faculty Research Award, College of Public Health, University of Iowa
2017	Distinguished Faculty Lecturer, College of Public Health, University of Iowa
2017	Faculty Mentor Award nominee, Graduate College, University of Iowa
2018	Scholar of the Year Award nominee, University of Iowa
2020	Senior author of "2020 Best Student Poster", AcademyHealth Annual Meeting
2021	First Author of 2021 Best Paper, Telemedicine and e-Health Journal

II. TEACHING

A. Teaching Assignments on a semester-by-semester basis (*classroom, seminar, teaching lab*)

1. University of Iowa

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 1997	63:171:024 Introduction to Clinical Epidemiology			Guest Lecturer	
Fall 1997	80:263 Independent Study	3	1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 1998	80:221 Evaluation and Outcomes in Health Care	3	19	Primary Instructor	100%
Fall 1998	63:171:024 Introduction to Clinical Epidemiology			Guest Lecturer	
Fall 1998	80:268 Health Care Utilization Outcomes	3	3	Primary Instructor	100%
Spring 1999	Chronic Disease Methods			Guest Lecturer	
Spring 1999	80:221 Evaluation and Outcomes in Health Care	3	10	Primary Instructor	100%
Spring 1999	80:263 Independent Study	3	1	Primary Instructor	100%
Spring 1999	92:283 Information Tools for Healthcare Decision Support			Guest Lecturer	
Spring 1999	96:266 Advanced Case Management: An Interdisciplinary Approach, Topic: Health Outcomes			Guest Lecturer	
Fall 1999	63:171:024 Introduction to Clinical Epidemiology, Topic: Health Services Research			Guest Lecturer	
Fall 1999	80:255 Seminar in Contemporary Health Issues	0	7	Primary Instructor	100%
Fall 1999	80:270 Seminar in Health Management Instruction	3	1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 1999	96:283 Information Tools for Healthcare Decision Support, Topic: Benchmarking in Healthcare			Guest Lecturer	
Spring 2000	80:204 Quantitative Management	3	12	Team Teacher	67%
Spring 2000	80:221 Evaluation and Outcomes in Health Care	3	2	Primary Instructor	100%
Spring 2000	80:255 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%
Spring 2000	96:266 Advanced Case Management: An Interdisciplinary Approach			Guest Lecturer	
Summer 2000	General Internal Medicine course on Introduction to Patient Oriented Research Topic			Guest Lecturer	
Fall 2000	Health Care Utilization Outcomes	3	5	Primary Instructor	100%
Fall 2000	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Fall 2000	174:268 Health Care Utilization Outcomes	3	9	Primary Instructor	100%
Fall 2000	174:270 Seminar in Health Management Instruction	3	2	Primary Instructor	100%
Fall 2000	63:171:024 Introduction to Clinical Epidemiology			Guest Lecturer	
Spring 2001	174:221 Evaluation and Outcomes in Health Care	3	9	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2001	174:255 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%
Summer 2001	General Internal Medicine course on Introduction to Patient Oriented Research			Guest Lecturer	
Fall 2001	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Fall 2001	174:268 Health Care Utilization Outcomes	3	11	Primary Instructor	100%
Fall 2001	174:270 Seminar in Health Management Instruction	3	2	Primary Instructor	100%
Fall 2001	63:171:024 Introduction to Clinical Epidemiology			Guest Lecturer	
Fall 2001	96:283 Information Tools for Healthcare Decision Support			Guest Lecturer	
Spring 2002	174:221 Evaluation and Outcomes in Health Care	3	7	Primary Instructor	100%
Spring 2002	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2002	174:270 Seminar in Health Management Instruction	3	2	Primary Instructor	100%
Summer 2002	General Internal Medicine course on Introduction to Patient Oriented Research			Guest Lecturer	
Fall 2002	174:255 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2002	174:270 Seminar in Health Research and Instruction	3	2	Primary Instructor	100%
Fall 2002	96:283 Information Tools for Healthcare Decision Support			Guest Lecturer	
Spring 2003	174:221 Evaluation and Outcomes in Health Care	3	23	Primary Instructor	100%
Spring 2003	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Fall 2003	174:255 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%
Fall 2003	174:268 Health Care Utilization Outcomes	3	9	Primary Instructor	100%
Fall 2003	174:270 Seminar in Health Research and Instruction	3	3	Primary Instructor	100%
Fall 2003	96:266 Advanced Case Management: An Interdisciplinary Approach			Guest Lecturer	
Spring 2004	174:221 Evaluation and Outcomes in Health Care	2	13	Primary Instructor	100%
Spring 2004	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2004	96:289 Health Informatics II Topic: IT Initiatives for Patient Safety			Guest Lecturer	
Fall 2004	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2004	174:270 Seminar in Health Research and Instruction	3	2	Primary Instructor	100%
Fall 2004	174:285 Dissertation	3	1	Primary Instructor	100%
Fall 2004	96:288 Health Informatics I			Guest Lecturer	
Spring 2005	174:221 Evaluation and Outcomes in Health Care	2	31	Primary Instructor	100%
Spring 2005	174:245 Seminar in Health Policy Research			Guest Lecturer	
Spring 2005	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Spring 2005	174:270 Seminar in Health Research and Instruction	3	5	Primary Instructor	100%
Spring 2005	174:280 Independent Study	3	2	Primary Instructor	100%
Fall 2005	174:255 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%
Fall 2005	174:260 PhD Independent Study	3	1	Primary Instructor	100%
Fall 2005	174:268 Health Care Utilization Outcomes	3	5	Primary Instructor	100%
Fall 2005	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Fall 2005	174:280 Independent Study	3	1	Primary Instructor	100%
Fall 2005	174:285 Dissertation	3	1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2005	96:288 Health Informatics I			Guest Lecturer	
Spring 2006	174:221 Evaluation and Outcomes in Health Care	2	30	Primary Instructor	100%
Spring 2006	174:255 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%
Spring 2006	174:260 PhD Independent Study	3	3	Primary Instructor	100%
Spring 2006	174:270 Seminar in Health Research and Instruction	3	5	Primary Instructor	100%
Spring 2006	174:285 Dissertation	3	5	Primary Instructor	100%
Fall 2006	174:245 Seminar in Health Policy Research			Guest Lecturer	
Fall 2006	174:255 Seminar in Contemporary Health Issues	0	1	Primary Instructor	100%
Fall 2006	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Fall 2006	174:285 Dissertation	3	1	Primary Instructor	100%
Fall 2006	96:288 Health Informatics I			Guest Lecturer	
Spring 2007	174:221 Evaluation and Outcomes in Health Care	2	35	Primary Instructor	100%
Spring 2007	174:260 PhD Independent Study	3	3	Primary Instructor	100%
Spring 2007	174:270 Seminar in Health Research and Instruction	3	3	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2007	174:280 Independent Study and Research	1	1	Primary Instructor	100%
Spring 2007	174:285 Dissertation	3	5	Primary Instructor	100%
Spring 2007	96:289 Health Informatics I			Guest Lecturer	
Fall 2007	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Fall 2007	174:260 PhD Independent Study	3	2	Primary Instructor	100%
Fall 2007	174:268 Health Care Utilization Outcomes	3	8	Primary Instructor	100%
Fall 2007	174:285 Dissertation	3	4	Primary Instructor	100%
Spring 2008	174:221 Evaluation and Outcomes in Health Care	2	26	Primary Instructor	100%
Spring 2008	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2008	174:257 PhD Guided Research	3	2	Primary Instructor	100%
Spring 2008	174:260 PhD Independent Research	3	1	Primary Instructor	100%
Spring 2008	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Spring 2008	174:285 Dissertation	3	5	Primary Instructor	100%
Fall 2008	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2008	174:260 PhD Independent Research	3	1	Primary Instructor	100%
Fall 2008	174:285 Dissertation	3	3	Primary Instructor	100%
Spring 2009	174:221 Evaluation and Outcomes in Health Care	2	34	Primary Instructor	100%
Spring 2009	174:255 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%
Spring 2009	174:285 Dissertation	3	4	Primary Instructor	100%
Fall 2009	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Fall 2009	174:268 Health Care Utilization Outcomes	3	9	Primary Instructor	100%
Fall 2009	174:270 Seminar in Health Research and Instruction	3	3	Primary Instructor	100%
Fall 2009	174:285 Dissertation	3	2	Primary Instructor	100%
Spring 2010	174:221 Evaluation and Outcomes in Health Care	2	31	Primary Instructor	100%
Spring 2010	174:255 Seminar in Contemporary Health Issues	0	1	Primary Instructor	100%
Spring 2010	174:270 Seminar in Health Research and Instruction	3	2	Primary Instructor	100%
Spring 2010	174:280 Independent Study	3	1	Primary Instructor	100%
Spring 2010	174:285 Dissertation	3	3	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2010	174:200 Introduction to Health Care Organization and Policy, Topic: Health Indicator Data			Guest Lecturer	
Fall 2010	174:221 Evaluation and Outcomes in Health Care	2	20	Primary Instructor	100%
Fall 2010	174:255 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%
Fall 2010	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Fall 2010	174:285 Dissertation	3	3	Primary Instructor	100%
Spring 2011	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2011	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Summer 2011	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%
Fall 2011	174:200 Intro to Health Care Organization and Policy	3	35	Guest Lecturer	8%
Fall 2011	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Fall 2011	174:268 Health Care Utilization Outcomes	3	11	Primary Instructor	100%
Fall 2011	174:270 Seminar in Health Research and Instruction	3	1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2012	174:204 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews	2	35	Guest Lecturer	15%
Spring 2012	174:255 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2012	174:270 Seminar in Health Research and Instruction	3	2	Primary Instructor	100%
Fall 2012	174:200 Intro to Health Care Organization and Policy	3	30	Guest Lecturer	8%
Fall 2012	174:255 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%
Fall 2012	174:270 Seminar in Health Research and Instruction	3	2	Primary Instructor	100%
Spring 2013	174:204 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews	2	30	Guest Lecturer	15%
Spring 2013	174:255 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%
Spring 2013	174:260 PhD Independent Research	2	1	Primary Instructor	100%
Spring 2013	174:270 Seminar in Health Research & Instruction	1	2	Primary Instructor	100%
Spring 2013	174:285 PhD Dissertation	3	1	Primary Instructor	100%
Spring 2013	HMP:7910:0001 Topics in Global Health	1	6	Guest Lecturer	8%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2013	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Spring 2014	174:204 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews	2	30	Guest Lecturer	15%
Spring 2014	174:255 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Spring 2014	174:270 Seminar in Health Research & Instruction	3	1	Primary Instructor	100%
Fall 2014	HMP:7910 Seminar in Contemporary Health Issues	0	5	Primary Instructor	100%
Fall 2014	HMP:7940 Primary Data and Mixed Methods	3	6	Primary Instructor	100%
Fall 2014	HMP:7970 Seminar in Health Research & Instruction	3	2	Primary Instructor	100%
Spring 2015	HMP:7910:0001 Seminar in Contemporary Health Issues	0	3	Primary Instructor	100%
Spring 2015	HMP:7970:0001 Seminar in Health Research & Instruction		2	Primary Instructor	100%
Fall 2015	HMP:7910:0001 Seminar in Contemporary Health Issues	0	8	Primary Instructor	100%
Fall 2015	HMP:7940:0001 Primary Data in Mixed Methods	3	3	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2015	HMP:7970:0001 Seminar in Health Research & Instruction	3	1	Primary Instructor	100%
Spring 2016	HMP:6850:0127 Independent Study and Research		1	Primary Instructor	100%
Spring 2016	HMP:7910:0001 Seminar in Contemporary Health Issues	0	7	Primary Instructor	100%
Spring 2016	HMP:7970:0001 Seminar in Health Research & Instruction	3	2	Primary Instructor	100%
Spring 2016	HMP:7990:0127 Thesis/Dissertation		1	Primary Instructor	100%
Fall 2016	HMP:7910:0001 Seminar in Contemporary Health Issues	0	9	Primary Instructor	100%
Fall 2016	HMP:7940:0001 Primary Data and Mixed Methods	3	6	Primary Instructor	100%
Fall 2016	HMP:7970:0001 Seminar in Health Research & Instruction		1	Primary Instructor	100%
Fall 2016	HMP:7990:3119 Thesis/Dissertation		1	Primary Instructor	100%
Spring 2017	HMP:7910:0001 Seminar in Contemporary Health Issues	0	9	Primary Instructor	100%
Spring 2017	HMP:7970:0001 Seminar in Health Research & Instruction		1	Primary Instructor	100%
Spring 2017	HMP:7990:4689 Thesis/Dissertation		1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Summer 2017	HMP:7970:0001 Seminar in Health Research & Instruction	1	1	Primary Instructor	100%
Fall 2017	HMP:7910:0001 Seminar in Contemporary Health Issues	0	12	Primary Instructor	100%
Fall 2017	HMP:7940:0001 Primary Data and Mixed Methods	3	6	Primary Instructor	100%
Fall 2017	HMP:7970:0001 Seminar Instruction & Prof Development		1	Primary Instructor	100%
Spring 2018	HMP:7910:0001 Seminar in Contemporary Health Issues	0	11	Primary Instructor	100%
Spring 2018	HMP:7970:0001 Seminar Instruction & Prof Development		4	Primary Instructor	100%
Fall 2018	HMP:7910:0001 Seminar in Contemporary Health Issues	0	15	Primary Instructor	100%
Fall 2018	HMP:7940:0001 Primary Data and Mixed Methods	3	7	Primary Instructor	100%
Fall 2018	HMP:7970:0001 Seminar Instruction & Prof Development		3	Primary Instructor	100%
Spring 2019	HMP:7910:0001 Seminar in Contemporary Health Issues	0	10	Primary Instructor	100%
Spring 2019	HMP:7970:0001 Seminar Instruction & Prof Development	3	4	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2019	HMP:7910:0001 Seminar in Contemporary Health Issues	0	6	Primary Instructor	100%
Fall 2019	HMP:7970:0001 Seminar Instruction & Prof Development	3	2	Primary Instructor	100%
Spring 2020	HMP:7910:0001 Seminar in Contemporary Health Issues	0	4	Primary Instructor	100%
Spring 2020	HMP:7970:0001 Seminar Instruction & Prof Development	3	1	Primary Instructor	100%
Spring 2021	HMP:7910:0001 Seminar in Contemporary Health Issues	0	2	Primary Instructor	100%

B. Course Materials (syllabi, instructional web pages, computer lab materials) (Description only - *full materials to be included in promotion dossier*)

III. SCHOLARSHIP

A. Publications or Creative Works

1. Peer-Reviewed Papers

1. Ward MM, Stone SC, Sandman CA (1978). Visual perception in women during the menstrual cycle. *Physiology and Behavior*, 20(3):239-243.
2. Ward MM, Sandman CA, George JM, Shulman H (1979). MSH/ACTH 4-10 in men and women: Effects upon performance of an attention and memory task. *Physiology and Behavior* 22(4):669-673.
3. Mefford IN, Ward MM, Miles L, Taylor B, Chesney MA, Keegan DL, Barchas JD (1981). Determination of plasma catecholamines and free 3,4-dihydroxyphenylacetic acid in continuously collected human plasma by high performance liquid chromatography with electrochemical detection. *Life Sciences*, 28:477-483.
4. Chesney MA, Sevelius G, Black GW, Ward MM, Swan GE, Rosenman RH (1981). Work environment, Type A behavior, and coronary heart disease risk factors. *Journal of Occupational Medicine* 23(8):551-555.

5. Ward MM, Mefford IN, Parker SD, Chesney MA, Taylor CB, Keegan DL, Barchas JD (1983). Epinephrine and norepinephrine responses in continuously collected human plasma to a series of stressors. *Psychosomatic Medicine* 45(6):471-486.
6. Chesney MA, Ward MM (1985). Biobehavioral treatment approaches for cardiovascular disorders. *Journal of Cardiopulmonary Rehabilitation* 5(5):226-232.
7. Carmelli D, Chesney MA, Ward MM, Rosenman RH (1985). Twin similarity in cardiovascular stress response. *Health Psychology* 4(5):413-423.
8. Ward MM, Chesney MA, Swan GE, Black GW, Parker SD, Rosenman RH (1986). Cardiovascular responses in Type A and Type B men to a series of stressors. *Journal of Behavioral Medicine* 9(1):43-49.
9. Swan GE, Chesney MA, Black GW, Ward MM, Rosenman RH (1986). Self-reported somatic symptoms in Type A and Type B middle-aged males. *Stress Medicine*, 2:63-68.
10. Chesney MA, Black GW, Swan GE, Ward MM (1987). Relaxation training for essential hypertension at the work site. The untreated mild hypertensive. *Psychosomatic Medicine* 49(3):250-263.
11. Rosenman RH, Ward MM (1988). The changing concept of cardiovascular reactivity. *Stress Medicine*, 4:241-251.
12. Carmelli D, Ward MM, Reid T, Grim CE, Harshfield GA, Fabsitz RR (1991). Genetic effects on cardiovascular responses to cold and mental activity in late adulthood. *American Journal of Hypertension*, 4:239-244.
13. Henningfield J, Obarzanek E, Benowitz NL, Hall SM, Klesges RC, Leischow S, Levis ED, Perkins KA, Spring B, Stitzer M, Ward MM, Winders S, Wood P, Woods MN, Isbell T, Klem ML (1992). National Working Conference on Smoking and Body Weight Task Force 2: Methods of Assessment, Strategies for Research. *Health Psychology*, 11(Suppl):10-16.
14. Swan GE, Ward MM, Jack LM, Javitz H (1993). Cardiovascular reactivity as a predictor of relapse in male and female smokers. *Health Psychology*, 12(6):451-458.
15. Swan GE, Ward MM, Carmelli D, Jack LM (1993). Differential rates of relapse in subgroups of male and female smokers. *Journal of Clinical Epidemiology*, 46(9):1041-1053.
16. Ward MM, Swan GE, Jack LM, Javitz HS (1994). Effect of smoking cessation and relapse on cardiovascular levels and reactivity. *Psychopharmacology*, 114:147-154.
17. Ward MM, Turner JR, Johnston DW (1994). Temporal stability of ambulatory cardiovascular monitoring. *Annals of Behavioral Medicine*, 16(1):12-23.
18. Turner JR, Ward MM, Gellman JD, Johnston DW, Light KC, Van Doornen LP (1994). The relationship between laboratory and ambulatory cardiovascular activity: Current evidence and future directions. *Annals of Behavioral Medicine*, 16(1):3-11.
19. Ward MM, Swan GE, Jack LM, Javitz HS, Hodgkin JE (1995). Ambulatory monitoring of heart rate and blood pressure during the first week after smoking cessation. *American Journal of Hypertension*, 8:630-634.

20. Swan GE, Ward MM, Jack LM (1996). Abstinence effects as predictors of 28 day relapse in smokers. *Addictive Behaviors*, 21:481-490.
21. Swan GE, Jack LM, Ward MM (1997). Subgroups of smokers with different success rates after use of transdermal nicotine. *Addiction*, 92:207-218.
22. Javitz HS, Ward MM, Martens L (1998). Major costs associated with pressure sores. *Journal of Wound Care*, 7:286-290.
23. Ward MM, Javitz HS, Smith WM, Bakst A (2000). A comparison of three approaches for attributing hospitalizations to specific diseases in cost analyses. *International Journal of Technology Assessment in Health Care*, 16(1):125-136.
24. Ward MM, Javitz HS, Smith WM, Bakst A (2000). Direct medical cost of chronic obstructive pulmonary disease in the U.S. *Respiratory Medicine*, 94:1123-1129.
25. Ward MM, Javitz HS, Yelin E (2000). The cost of illness of rheumatoid arthritis. *Value in Health*, 3:243-252.
26. Borders TF, Rohrer JE, Hilsenrath PE, Ward MM (2000). The effects of attitudes, social characteristics, and health insurance on rural residents' migration for family physician care. *Journal of Rural Health*, 16:337-348.
27. Ward MM, Swan GE, Jack LM (2001). Self-reported abstinence effects in the first month after smoking cessation. *Addictive Behaviors*, 26:311-327.
28. Doebbeling BN, Vaughn TE, Woolson RF, Peloso PM, Ward MM, Letuchy E, BootsMiller BJ, Tripp-Reimer T, Branch LG (2002). Benchmarking Veterans Affairs Medical Centers in the delivery of preventive health services: Comparison of methods. *Medical Care*, 40(6):540-554.
29. Ward MM, Javitz HS, Smith WM, Whan MA (2002). Lost income and work limitations in persons with chronic respiratory disorders. *Journal of Clinical Epidemiology*, 55(3):260-268.
30. Culica D, Rohrer J, Ward M, Hilsenrath P, Pohmrehn P (2002). Medical check-ups: Who does not get them? *American Journal of Public Health*, 92(1):88-91.
31. Vaughn TE, Ward MM, Doebbeling BN, Uden-Holman T, Clarke WR, Woolson RF (2002). Organizational and provider characteristics fostering smoking cessation clinical guideline adherence: An empirical look. *Journal of Ambulatory Care Management*, 25(2):17-31.
32. Ward MM, Vaughn TE, Uden-Holman T, Doebbeling BN, Clarke WR, Woolson RF (2002). Physician knowledge, attitudes and practices regarding a widely implemented guideline. *Journal of Evaluation in Clinical Practice*, 8(2):155-162.
33. Javitz HS, Ward MM, Farber E, Nall L, Vallow SG (2002). The direct cost of care for psoriasis and psoriatic arthritis in the United States. *Journal of the American Academy of Dermatology*, 46:550-860.
34. Javitz HS, Ward M (2002). Value of antimicrobials in the prevention and treatment of tuberculosis in the U.S. *International Journal of Tuberculosis and Lung Disease*, 6(4):275-288.

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2. Non-Peer-Reviewed Papers (reports, proceedings, etc.)

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3. Books/Monographs

4. Chapters

1. Feuerstein M, Ward MM, LeBaron S (1979). Neuropsychological and neurophysiological assessment of children with learning disabilities and behavior problems: A critical appraisal. B.B. Lahey & A.E. Kazdin (Eds.), *Advances in Clinical Child Psychology*, New York, New York: *Plenum Press*, 2:
2. Feuerstein M, Ward MM (1980). Psychological treatment of cardiac arrhythmias. J.M. Ferguson & C.B. Taylor (Eds.), *The Comprehensive Handbook of Behavioral Medicine*, Jamaica, New York: *Spectrum Publications*, 1:
3. Ward MM, Chesney MA (1985). Diagnostic interviewing for psychophysiological disorders. M. Hersen & S.M. Turner (Eds.), *Diagnostic Interviewing*, New York, New York: *Plenum Press*
4. Ward MM, Mefford IN, Black GW, Bortz WM (1985). Exercise and plasma catecholamine release. K. Fotherby & S.B. Pal (Eds.), *Exercise Endocrinology*, Berlin: *Walter de Gruyter*
5. Ward MM, Mefford IN (1985). Methodology of studying the catecholamine response to stress. A. Steptoe, H. Ruddle, & H. Neus (Eds.), *Clinical and Methodological Issues in Cardiovascular Psychophysiology*, Heidelberg: *Springer-Verlag*
6. Ward MM, Swan GE, Chesney MA (1987). Arousal-reduction treatments for mild hypertension: A meta-analysis of recent studies. *Handbook for Hypertension*, Amsterdam: *Elsevier*, 9:Behavioral Factors in Hypertension:
7. Ward MM (1990). Relationship of anxiety and cardiovascular reactivity. D.G. Byrne & R.H. Rosenman (Eds.), *Anxiety and the Heart*, New York, New York: *Hemisphere Publishing Corp*
8. Swan GE, Ward MM, Carmelli D, Jack LM (1995). Identification of subgroups with differential rates of relapse after smoking cessation: Applications to alcohol research. J.B. Fertig & J.P. Allen (Eds.), *Alcohol and Tobacco: From Basic Science to Clinical Practice*, NIAAA Research Monograph No. 30, Washington, DC: *U.S. Department of Health and Human Services*

5. Electronic Publications

1. Roberts L, Ward MM, Evans T (2010). The role of the National Quality Forum (NQF) in the quest for transparency in U.S. hospital's patient safety performance. *AHRQ Web M&M*(April).

6. Abstracts

1. Ward MM, Chesney MA, Swan GE, Black GW, Parker SD, Rosenman RH (1982). Cardiovascular responsiveness to a series of challenging tasks in Type A and Type B adult male subjects. *Psychophysiology* 19(5):591.
2. Ward MM, Parker SD, Chesney MA, Rosenman FH, Mefford IN (1983). Catecholamine and cardiovascular responses to mental arithmetic, handgrip, and cold pressor in Type A and Type B men. *Psychophysiology* 20(4):477.
3. Eckerle JS, Ward MM, Montgomery LD, Podlesny JA (1984). Arterial tonometry for continuous relative blood pressure. *Psychophysiology* 21(5):575-576.
4. Ward MM, Carmelli D, McElroy MR (1984). Exercise effects on cardiovascular responses and reaction time performance. *Psychophysiology* 21(5):603.
5. Ward MM, Rosenman RH, Carmelli D, Blumlein SL, McElroy MR, Jack LM (1988). Effect of antihypertensive medication on cardiovascular reactivity. *Psychophysiology* 25(4):489.
6. Ward MM, Carmelli D, Swan GE, McElroy MR, Rosenman RH (1988). Stability of laboratory and ambulatory blood pressure and heart rate. *Psychophysiology* 25(4):488.
7. Ward MM, Swan GE, McElroy M, Jack LM (1989). Anxiety and cardiovascular reactivity. *Psychophysiology* 26(4A):S64.
8. Ward MM, Carmelli D (1989). Long-term stability of cardiovascular responses to challenge in older males. *Psychophysiology* 26(4A):S64.
9. Swan GE, Ward MM, Jack L, Carmelli D, McElroy M (1989). The relationship between cotinine and time from last cigarette to cardiovascular reactivity before and after short-term smoking cessation. *Psychophysiology* 26(4A):S59.
10. Ward MM, Swan GE, Jack LM (1990). 24-hour ambulatory monitoring of blood pressure and heart rate before and after smoking cessation. *Psychophysiology* 27(4A):S73.
11. Swan GE, Ward MM, Jack L (1990). Characteristics of participants and dropouts engaged in a psychophysiological study: A potential source of bias? *Psychophysiology* 27(4A):S68.
12. Ward MM, Swan GE, Carmelli D (1990). Relationship of blood pressure and heart rate to tension and anger during the workday. *Psychophysiology* 27(4A):S73.
13. Ward MM, Swan GE, Jack LM, Javitz HS, Smith FS, Kane CA, Hodgkin JE (1991). Ambulatory monitoring of heart rate, blood pressure, and withdrawal symptoms during the first week following smoking cessation. *Psychophysiology* 28(4A):S60.
14. Swan GE, Ward MM, Jack LM, Carmelli D (1991). Cardiovascular reactivity as a predictor of relapse in ex-smokers. *Psychophysiology* 28(4A):S55.
15. Swan GE, Carmelli D, Ward MM, Jack L, McElroy M (1991). Relapse in male and female ex-smokers. Identification of risk groups by tree-structured survival analysis. *Circulation* 84(4):II-288.
16. Swan GE, Ward MM, Jack LM, Javitz HS (1992). Cardiovascular reactivity as a predictor of relapse in male and female smokers. *Psychophysiology* 29(4A):S68.

17. Ward MM, Swan GE, Jack LM, Javitz HS (1992). Effect of talking on blood pressure and heart rate levels in the laboratory and in the field. *Psychophysiology* 29(4A):S74.
18. Ward MM, Swan GE, Jack LM, Javitz HS (1992). Reproducibility of 24-hour blood pressure and heart rate in smokers and nonsmokers. *Psychophysiology* 29(4A):S73.
19. Swan GE, Ward MM, Jack LM, LaRue A (1993). Ambulatory blood pressure levels and memory performance in older males. *The Gerontologist*, 33:221.
20. Ward MM, Swan GE, Jack LM, Javitz HS (1993). Comparison of heart rate and blood pressure habituation in the laboratory and in the usual environment. *Annals of Behavioral Medicine* 15(S175).
21. Cardon LR, Carmelli D, Ward MM, Fabsitz R, Reed T, Christian J (1993). Genetic influences on heart rate levels during 4 hours of ambulatory ECG monitoring. *Annals of Behavioral Medicine* 15(S169).
22. Swan GE, Ward MM, Jack LM, Carmelli D (1993). Weight-related factors as predictors of a high rate of smoking relapse. *Annals of Behavioral Medicine*, 15:S134.
23. Swan GE, Ward MM, Jack LM (1994). Abstinence effects as predictors of 28 day relapse in smokers. *Annals of Behavioral Medicine* 16(S120).
24. Ward MM, Swan GE, Jack LM (1994). Ambulatory blood pressure and heart rate during the first 16 hours after smoking cessation. *Psychophysiology*, 31:S103.
25. Ward MM, Swan GE, Jack LM (1994). Changes in 24-hour ambulatory blood pressure and heart rate after smoking cessation. *Annals of Behavioral Medicine*, 16:S60.
26. Swan GE, Ward MM, Jack LM (1994). Distal or proximal? Stress and craving as predictors of relapse in smokers. *Annals of Behavioral Medicine*, 16:S120.
27. Ward MM, Swan GE, Jack LM (1994). Subjective complaints after smoking cessation: Transient vs. offset effects. *Annals of Behavioral Medicine* 16(S43).
28. Ward MM, Swan GE, Jack LM (1994). Weight changes in the first month after smoking cessation in men and women. *Annals of Behavioral Medicine* 16(S120).
29. Ward MM, Swan GE, Jack LM, McElroy MR (1995). Blood pressure and heart rate levels during the first six months after smoking cessation. *Psychophysiology*, 32:S83.
30. Ward MM, Swan GE, Jack LM, McElroy MR (1995). Weight change after smoking cessation with and without nicotine patch. *Annals of Behavioral Medicine*, 17:S069.
31. Ward MM, Swan GE, Jack LM, McElroy MR (1996). Abstinence effects after smoking cessation with and without patch. *Annals of Behavioral Medicine*, 18:S229.
32. Swan GE, Jack LM, Ward MM (1996). Identification of subgroups of smokers with differential success rates following the use of transdermal nicotine. *Addiction* 91(1):144.

33. Ward MM, Swan GE, Jack LM (1996). Severity of self-reported symptoms predicts early smoking relapse. *Addiction* 91(1):144.
34. Terry RB, Ward M, Swan GE (1996). Weight gain in early smoking cessation may include more water than fat. *Addiction* 91(1):144.
35. Ward MM, Javitz HS, Smith WM, Bakst A, Orzolek WS (1998). Cost of hospitalizations for COPD: A comparison of three approaches for attributing cost by diagnosis. *Health Services Research* 13(Suppl):304-305.
36. Welke FF, McCoy KD, Vaughn TE, BootsMiller BJ, Ward MM, Franciscus CL, Doebbeling BN (2002). Which factors promote adherence with a congestive heart failure guideline in the VA's national health care system? *Journal of General Internal Medicine* 17(1 (Supplement 1)):217.

7. Other

1. Roberts LL, Ward MM, Brokel JM, Wakefield DS, Crandall DK, Conlon P (2009). Methodological approaches to measuring the effects of implementation of health information technology (HIT). *HICCS 42 Proceedings*
2. Ward MM, Ullrich F, Mueller KJ (2014). Extent of telehealth use in rural and urban hospitals *RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief, 2014-4:*
3. Merchant K, Ward MM, MacKinney C, Mueller K (2014). South Dakota Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation
4. Merchant K, Ward M, MacKinney C, Mueller K (2014). North Dakota Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation
5. Merchant K, Ward MM, Mueller K, (2015). Hospital views of barriers to telemedicine adoption *RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief, 2015-5:*
6. Weigel P, Ullrich F, Ward M, Mueller K (2015). Surgical services in critical access hospitals *RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief, 2015-2:*
7. Merchant K, Ward M, MacKinney C, Mueller K (2015). Wyoming Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation
8. Mohr NM, Harland KK, Chrischilles E, Donner J, Bell A, Shane DM, Ward MM (2016). Telemedicine penetration and consultation among rural trauma patients in Critical Access Hospital emergency departments in North Dakota *RTRC Research & Policy Brief 2016(1).*

B. Areas of Research Interest/Current Projects

1. Identifying Evidence-Based Measures for Telehealth
2. Implementation Science Evaluation
3. Rural Healthcare Delivery
4. Telemedicine/Telehealth

C. Sponsored Research (*ALL grants*)
 (if you are not the PI, state your role or contributions - in a few sentences)

1. Grants Received

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
MH31269 NIMH <i>Epidemiological Analysis of Type A Behavior</i> Margaret Chesney, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	20%	\$770,924 01/01/1978-12/31/1983
HL92931 NHLBI <i>Twin Study Follow-up Examination</i> Dorit Carmelli, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$202,506 01/01/1979-12/31/1984
HL24416 NHLBI <i>Behavioral Interventions for Mild Hypertension</i> Margaret Chesney, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	20%	\$1,053,035 01/01/1980-12/31/1987
HL26042 NHLBI <i>Type A Behavior: Cardiovascular and Nonverbal Components</i> Margaret Chesney, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$97,291 01/01/1980-12/31/1984
J-FBI-82-108 US Department of Justice <i>Cardiovascular Activity Monitoring for Polygraph Examination</i> Joseph Eckerle, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$181,000 01/01/1982-12/31/1984

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
HL28795 NHLBI First Award <i>Catecholamines and Coping in Normotensives and Hypertensives</i> Marcia M. Ward, <i>Principal Investigator</i>	30%	\$74,956 01/01/1982-12/31/1984
NASA Contract <i>Workload and Cardiovascular Responses</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$49,735 01/01/1984-12/31/1986
HC55029 NHLBI <i>NHLBI Twin Study Third Examination</i> Dorit Carmelli, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>		\$87,849 01/01/1985-12/31/1987
Ciba Geigy <i>Phase IV Clinical Trial of Antihypertensive Medication Effects on Blood Pressure, Cognition, and Behavior</i> Ray H. Rosenman, <i>Principal Investigator</i> Marcia M. Ward, <i>Director</i>	30%	\$75,000 01/01/1985-12/31/1987
Boehringer Ingleheim <i>Phase IV Clinical Trial of Antihypertensive Medications Using Ambulatory Blood Pressure Monitoring</i> Ray Rosenman, <i>Principal Investigator</i> Marcia M. Ward, <i>Director</i>	30%	\$75,000 01/01/1985-12/31/1987
HL39225 NHLBI <i>Biological and Behavioral Factors in Smoking Relapse</i> Gary E. Swan, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	10%	\$432,319 01/01/1987-12/31/1990

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
HL41635 NHLBI <i>Stability of Ambulatory Monitoring in the Lab and Field</i> Marcia M. Ward, <i>Principal Investigator</i>	50%	\$313,594 01/01/1988-12/31/1991
1RT547 Tobacco-Related Disease Research Programs of the University of California <i>Laboratory and Ambulatory Assessment of Smoking Withdrawal</i> Marcia M. Ward, <i>Principal Investigator</i>	50%	\$319,627 01/01/1990-12/31/1992
Bayer A.G. <i>Positioning Study for a New CNS Agent in the U.S. and Europe</i> Richard Jensen, <i>Co-Principal</i> Marcia M. Ward, <i>Co-Principal</i>	15%	\$110,000 01/01/1991-12/31/1992
Eli Lilly <i>Cost-Effectiveness Analysis of Antidepressants in a Usual Care Trial in an HMO</i> W McFate Smith, <i>Principal Investigator</i> Marcia M. Ward, <i>Director</i>	10%	\$153,285 01/01/1992-12/31/1996
3RT376 Tobacco-Related Disease Research Programs of the University of California <i>Weight Gain as a Predictor of Smoking Relapse</i> Marcia M. Ward, <i>Principal Investigator</i>	35%	\$477,470 01/01/1992-12/31/1994
Merck <i>Protocol Development to Determine the Cost Effectiveness of a New Agent for Unstable Angina in the U.S., Canada, and Eight European Countries</i> W McFate Smith, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	5%	\$56,000 01/01/1993-12/31/1993

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Pfizer Pharmaceuticals <i>Creation of a Disease Pathway Model for Major Depressive Disorder</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	10%	\$202,748 01/01/1994-12/31/1995
Pfizer Pharmaceuticals <i>Determination of the Cost of Illness of Rheumatoid Arthritis</i> Marcia M. Ward, <i>Principal Investigator</i>	20%	\$119,503 01/01/1994-12/31/1995
EGIS Pharmaceuticals, Ltd. <i>Technical and Market Evaluation of Two Novel Serotonergic/Dopaminergic Modulators</i> Marcia M. Ward, <i>Principal Investigator</i>	5%	\$19,997 01/01/1994-12/31/1994
AG09341 NIA <i>Ambulatory Blood Pressure and Cognition in the Elderly</i> Gary E. Swan, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$944,041 01/01/1995-12/31/1997
SmithKline Beecham Pharmaceuticals <i>Evaluation of the Economic Potential of a New Drug for Chronic Obstructive Pulmonary Disease (COPD)</i> W McFate Smith, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$87,000 01/01/1995-12/31/1996
Pfizer Inc <i>Innovation Workshop and Modeling of Disease Pathways for Obsessive-Compulsive Disorder</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	20%	\$258,696 01/01/1995-12/31/1996

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Medco Containment Services, Inc. <i>Evaluation of Outcomes and Savings from Disease Management Opportunities in Cardiovascular Diseases</i> W McFate Smith, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	10%	\$75,336 01/01/1995-12/31/1995
Nycomed, Inc. <i>Identification of Factors Involved in the Clinical Acceptance of a Novel CT-Scan Contrast Agent</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$71,604 01/01/1995-12/31/1995
CA71358 NCI <i>Treatment of Nicotine Dependence in an HMO Setting</i> Gary E. Swan, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	15%	\$1,253,807 01/01/1996-12/31/1999
Pfizer Pharmaceuticals <i>Evaluation of Patient Satisfaction with Pharmacotherapy for Benign Prostatic Hyperplasia</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	5%	\$13,098 01/01/1996-12/31/1997
Novartis <i>Feasibility Study of a Usual Care Trial of Antihypertensives in Managed Care Organizations</i> W McFate Smith, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	5%	\$35,000 01/01/1996-12/31/1996
Johnson & Johnson <i>Identification of Cost Drivers for Care of Skin Ulcers</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	5%	\$31,000 01/01/1996-12/31/1996

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
John H. Delantoni Trust <i>Identification of New Approaches to the Treatment of Alcoholism</i> Daniel C. Humphrey, <i>Principal Investigator</i> Marcia M. Ward, <i>Collaborator</i>	5%	\$21,500 01/01/1996-12/31/1996
Janssen Pharmaceutica <i>Pipeline Assessment and Development of a Franchise Strategy for an Antipsychotic Drug</i> James McDermott, <i>Principal Investigator</i> Marcia M. Ward, <i>Collaborator</i>	5%	\$41,672 01/01/1996-12/31/1996
Lipha Pharmaceuticals <i>Phase III Clinical Trial of a New Pharmacotherapy for Alcoholism</i> Adolf Pfefferbaum, <i>Principal Investigator</i> Marcia M. Ward, <i>Director</i>	10%	\$180,000 01/01/1997-12/31/1999
SmithKline Beecham <i>Identification of the Cost of Treatment of Psoriasis</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	2%	\$10,000 01/01/1997-12/31/1998
Pfizer Inc <i>Design and Analysis Consultation on a Usual Care Trial Comparing Treatments for Noninsulin-Dependent Diabetes Mellitus</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	5%	\$56,000 01/01/1997-12/31/1997
Pfizer Inc <i>Effect of Brand-to-Generic Switch on Prescribing Practices of a Class of Antihypertensives</i> Jackie Perri, <i>Principal Investigator</i> Marcia M. Ward, <i>Collaborator</i>	5%	\$12,000 01/01/1997-12/31/1997

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Pfizer Inc <i>Evaluation of the Impact of Practice Guidelines for Infectious Diseases</i> James McDermott, <i>Principal Investigator</i> Marcia M. Ward, <i>Collaborator</i>	5%	\$22,794 01/01/1997-12/31/1997
Robert Wood Johnson Foundation <i>Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation</i> Marcia M. Ward, <i>Principal Investigator</i>	30%	\$345,597 01/01/1998-12/31/2000
Pharmaceutical Manufacturers Research Association <i>Development of a Model of the Benefit of Pharmaceuticals</i> Harold S. Javitz, <i>Principal Investigator</i> Marcia M. Ward, <i>Collaborator</i>	2%	\$10,000 01/01/1998-12/31/1999
SmithKline Beecham <i>Preparation on Three Manuscripts on the Cost of Illness of COPD</i> Marcia M. Ward, <i>Principal Investigator</i>	5%	\$24,000 01/01/1998-12/31/1999
Department of Veterans Affairs <i>Determinants of Clinical Guidelines Implementation Effectiveness</i> Bradley Doebbeling, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	12%	\$750,000 01/01/1999-12/31/2003
Department of Veterans Affairs <i>Epidemiology and Control of Antimicrobial Resistance in Hospitals</i> Bradley Doebbeling, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$750,000 01/01/1999-12/31/2003
HRSA <i>Improving the Research Infrastructure of FM and GIM</i> Cynda Johnson, <i>Principal Investigator</i> Marcia M. Ward, <i>Consultant</i>	5%	\$250,000 01/01/2000-12/31/2003

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Iowa Attorney General <i>Intervention for Pregnant Smokers</i> John Lowe, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$350,000 01/01/2001-12/31/2004
Iowa DOC <i>An Assessment of the Mental/Behavioral Health Needs and Services within the Iowa Department of Corrections</i> Rachel Anderson, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	7%	\$95,378 01/01/2001-12/31/2002
Iowa Department of Public Health/CDC <i>Evaluation of the Implications of Implementing the Leapfrog Group's Patient Safety Standards in Iowa Hospitals</i> Douglas Wakefield, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Principal</i>	10%	\$99,980 01/01/2002-12/31/2003
CV Therapeutics <i>Cost-of-Illness Analysis of Stable Angina in the U.S.</i> Marcia M. Ward, <i>Principal Investigator</i>	20%	\$52,000 01/01/2003-12/31/2004
Agency for Healthcare Research and Quality <i>Health Information Technology Value in Rural Hospitals</i> Marcia M. Ward, <i>Principal Investigator</i>	30%	\$891,955 01/01/2004-12/31/2008
Veterans Administration Health Services Research and Development <i>Center for Research in the Implementation of Innovative Strategies in Practice (CRIISP)</i> Gary Rosenthal, <i>Principal Investigator</i> Marcia M. Ward, <i>Supporting</i>	62%	\$1,500,000 01/01/2004-12/31/2007

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Mercy North Iowa and Trinity Health <i>Rural Iowa Redesign of Care Delivery with EHR Functions</i> Douglas S. Wakefield, <i>Principal Investigator</i> Marcia M. Ward, <i>Principal Investigator</i>	15%	\$344,680 01/01/2004-12/31/2007
VHA Upper Midwest <i>Enhancing Performance on CMS Hospital Quality Indicators</i> Marcia M. Ward, <i>Principal Investigator</i>	1%	\$3,000 01/01/2004-12/31/2005
Iowa Healthcare Collaborative <i>AHRQ Safety and Quality Indicators</i> Marcia M. Ward, <i>Principal Investigator</i>	5%	\$75,000 01/01/2005-12/31/2008
Agency for Healthcare Research and Quality <i>ACTION - Accelerating Changes and Transformation in Organizations and Networks</i> Marcia M. Ward, <i>Principal Investigator</i>	0%	01/01/2006-12/31/2013
Agency for Healthcare Research and Quality <i>Collaborative EHR Implementation to Bridge the Continuum of Care in Rural Iowa</i> John O'Brien, <i>Principal Investigator</i> Marcia M. Ward, <i>Principal Investigator</i>	15%	\$1,474,176 01/01/2006-12/31/2009
Agency for Healthcare Research and Quality <i>Reducing Hospital Acquired Infections (HAI)</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$399,905 01/01/2007-12/31/2009
Agency for Healthcare Research and Quality <i>TeamSTEPPS: Adoption in ACTION</i> Marcia M. Ward, <i>Principal Investigator</i>	5%	\$249,994 01/01/2007-12/31/2009
American Society of Clinical Oncology <i>ASCO Study of Geographical Access to Oncology Care</i> Marcia M. Ward, <i>Principal Investigator</i>	20%	\$225,832 01/01/2010-12/31/2013

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
Agency for Healthcare Research and Quality <i>Optimizing Pre-Operative Antibiotics</i> Loreen Herwaldt, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	5%	\$455,935 01/01/2010-12/31/2013
Centers for Disease Control and Prevention <i>Upper Midwest Preparedness and Emergency Response Learning Center</i> Tanya M. Uden-Holman, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$4,688,285 01/01/2010-12/31/2013
5R18HS018396-05 Agency for Healthcare Research and Quality <i>Evaluation of TeamSTEPPS Implementation for Community Hospital Patient Safety</i> Marcia M. Ward, <i>Principal Investigator</i>	30%	\$1,692,436 09/01/2010-08/31/2016
Helmsley Charitable Trust <i>Assessing the Impact of e-Health Services in Rural Settings</i> Marcia M. Ward, <i>Principal Investigator</i>	25%	\$987,791 01/01/2011-12/31/2014
HRSA <i>Upper Midwest Public Health Training Center</i> Tanya M. Uden-Holman, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$2,600,000 01/01/2011-12/31/2013
American Heart Association - Midwest Affiliate <i>Program Evaluation of AHA's STEMI Program in North Dakota</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$110,000 03/01/2012-08/31/2014
Telligen <i>Evaluation of TeamSTEPPS Training for Iowa CAHs</i> Marcia M. Ward, <i>Principal Investigator</i>	5%	\$20,000 07/01/2012-09/30/2014

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
5 U1 CRH20419-02 USDHHS - FORHP <i>Rural Health Research Center - Cooperative Agreement Program</i> Keith J. Mueller, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$2,640,000 09/01/2012-08/31/2016
USDHHS - FORHP <i>Rural Health Systems Analysis and Technical Assistance</i> Keith J. Mueller, <i>Principal Investigator</i> Marcia M. Ward, <i>Co-Investigator</i>	10%	\$1,800,000 10/01/2012-09/30/2015
American Heart Association - Midwest Affiliate <i>Program Evaluation of AHA's STEMI Program in South Dakota</i> Marcia M. Ward, <i>Principal Investigator</i>	15%	\$150,000 12/01/2012-03/31/2014
American Heart Association - Midwest Affiliate <i>Program Evaluation of AHA's STEMI Program in Minnesota</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$170,000 07/01/2013-03/31/2016
American Heart Association - Southwest Affiliate <i>Program Evaluation of AHA's STEMI Program in Wyoming</i> Marcia M. Ward, <i>Principal Investigator</i>	10%	\$130,000 07/01/2013-06/30/2015
HSH250201300081 USDHHS - FORHP <i>Developing Outcome Measures and Associated Data Elements for Emergency Medical Services Using Telehealth Technology</i> Marcia M. Ward, <i>Principal Investigator</i>	15%	\$82,020 10/01/2014-12/31/2015
6 U1CRH29074-0101 USDHHS - FORHP <i>Rural Telehealth Research Center</i> Marcia M. Ward, <i>Principal Investigator</i>	25%	\$3,000,000 09/01/2015-08/31/2020

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
G01RH27868 Avera Health <i>Avera EB TNGP Evaluation</i> Marcia M. Ward, <i>Principal Investigator</i>	20%	\$468,714 09/01/2016-08/31/2019
I408300-CG Avera Health <i>Avera Helmsley eBehavioral Health</i> Marcia M. Ward, <i>Principal Investigator</i>	36 months 20%	\$450,000 10/01/2018-09/30/2022
6 U1CRH11318800 USDHHS-HRSA <i>Rural Telehealth Research Center</i> Marcia M. Ward, <i>Principal Investigator</i>	48 months 25%	\$3,800,000 09/01/2020-08/31/2024

2. Grants Pending

Source Title P.I.	Number of Months % Effort	Direct Funds Period of Funding
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D. Presentations

1. Invited Presentations

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2004	Leapfrog Group Standards: Implications for Iowa (Ward MM)	Iowa Hospital Association	Invited Lecture
2005	AHRQ Quality Indicators for Iowa Hospitals (Ward MM)	Iowa Healthcare Collaborative	Invited Lecture
2005	Information Technology Capacity in Iowa's Hospitals (Ward MM)	Iowa Health Information Management Systems Society, Des Moines, Iowa	Invited Lecture
2005	IT Capability in Iowa's Critical Access Hospitals (Ward MM)	Iowa CAH Users Group, Des Moines, Iowa	Invited Lecture
2005	Leapfrog Group Standards: Implications for Iowa (Ward MM)	Iowa Healthcare Buyers Alliance	Invited Lecture

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2005	Physician Adherence to Diabetes Management Guidelines: Roles of Organizational and Population Characteristics (Ward MM)	University of Pittsburgh School of Nursing, Pittsburgh, Pennsylvania	Invited Lecture
2005	Severity (Risk) Adjustment is Necessary, But Not Sufficient (Ward MM)	Iowa Healthcare Buyers Alliance	Invited Lecture
2006	AHRQ Health Information Technology Survey Results (Ward MM)	Iowa CAH User Group, Des Moines, Iowa	Invited Lecture
2006	Analysis of AHRQ Quality Indicators in Iowa Hospitals (Ward MM)	Agency for Healthcare Research and Quality, Rockville, Maryland	Invited Lecture
2006	Effect of Critical Access Hospital Conversion on Patient Safety in Iowa Rural Hospitals (Ward MM)	Iowa CAH User Group, Des Moines, Iowa	Invited Lecture
2006	HIT Survey of Iowa Hospitals (Ward MM)	IHA Council on Membership Services, Des Moines, Iowa	Invited Lecture
2006	HIT, Patient Safety, and Quality in Iowa Hospitals (Ward MM)	Iowa Medical Society Public Health Council, Iowa City, Iowa	Invited Lecture
2006	IHC Data Workgroup (Ward MM)	Iowa Healthcare Collaborative, Des Moines, Iowa	Invited Lecture
2006	IT Capacity in Iowa's Critical Access Hospitals (Ward MM)	Iowa CAH User Group, Des Moines, Iowa	Invited Lecture
2006	Rural Versus Urban AMI Mortality (Ward MM)	IHA 2006 Critical Access Hospital Forum, Des Moines, Iowa	Invited Lecture
2006	Taking the Pulse of Medicare and Medicaid (Ward MM)	CPH Community Outreach Series, Des Moines, Iowa	Invited Lecture
October 2006	Effect of Critical Access Hospital Conversion on Patient Safety (Li P, Schneider JE, Ward MM)	Iowa Critical Access Hospital Peer User Group Meeting, Des Moines, Iowa	Invited Lecture

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
May 2007	Analysis of Quality Indicators for Iowa Hospitals (Ward MM)	Iowa Medical Society Public Health Council, Iowa City, Iowa	Invited Lecture
2008	CAH Strategies for Addressing IT Needs (Ward MM)	Iowa CAH HIT Interest Group, West Des Moines, Iowa	Invited Lecture
March 2008	Iowa Rural Hospital Conversion to CAH from 1997 to 2006: Factors and Effects (Ward MM)	Iowa Hospital Association CAH Forum, Johnston, Iowa	Invited Lecture
July 2008	Rural Hospital IT Implementation and Other Efforts to Enhance Patient Quality and Safety (Ward MM)	UIHC Rural Health Scholars Summer Research Forum, Iowa City, Iowa	Invited Lecture
March 2009	Lessons Learned in Implementing Organizational Change with TeamSTEPPS (Ward MM)	Iowa Hospital Association Annual Meeting, Des Moines, Iowa	Invited Lecture
November 2010	Analyses Using AHRQ Data and Tools to Examine Hospital Patient Safety (Ward MM)	National School of Public Health, New University of Lisbon, Lisbon, Portugal	Invited Lecture
May 2011	Organizational Factors affecting Hospital quality and Patient Safety (Ward MM)	National School of Public Health, New University of Lisbon, Lisbon, Portugal	Invited Lecture
March 2012	Implementation of TeamSTEPPS: Lessons Learned from Iowa Critical Access Hospitals (Ward MM)	Critical Access and Rural Hospital Forum, Iowa Hospital Association, Des Moines, Iowa	Invited Lecture
April 2012	Implementation of TeamSTEPPS in Iowa Critical Access Hospitals (Ward MM)	MBQIP Workshop, IDPH FLEX - Telligan, Des Moines, Iowa	Invited Lecture
June 2012	Team Training to Improve Healthcare Quality and Safety (Ward MM)	National School of Public Health, New University of Lisbon, Lisbon, Portugal	Invited Lecture
July 2012	Quality Improvement Lessons Learned from TeamSTEPPS (Ward MM)	CAH QI Coordinator Meeting, IDPH FLEX - Telligan, Des Moines, Iowa	Invited Lecture

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
February 2013	Geographic Access to Oncology Care (Ward MM)	National School of Public Health, New University of Lisbon, Lisbon, Portugal	Invited Lecture
April 2013	TeamSTEPPS in Iowa CAHs: Who Makes It Happen? (Ward MM)	CAH QIC Coordinator Meeting, IDPH, Des Moines, Iowa	Invited Lecture
April 2014	TeamSTEPPS in Iowa CAHs: Importance of Preparedness (Ward MM)	CAH QIC Coordinator Meeting, IDPH, Des Moines, Iowa	Invited Lecture
October 2014	Innovations in Telemedicine: Use of Tele-Emergency to Enhance Coordination of Care (Ward MM, Mueller KJ, Potter AJ, MacKinney AC)	American College of Emergency Physicians Annual Meeting, Chicago, Illinois	Invited Lecture
December 2014	Program, Qualitative, and Mixed-Methods Evaluation (Ward MM)	University of Iowa Hospitals and Clinics, Leadership Academy, Coralville, Iowa	Invited Lecture
December 2015	Program, Qualitative, and Mixed-Methods Evaluation (Ward MM)	University of Iowa Hospitals and Clinics, Leadership Academy, Coralville, Iowa	Invited Lecture
2016	Building a Broad-based Evidence Base for Tele-emergency Care: Efforts to Identify a Standardized Set of Outcome Measures	NRHA Rural Quality and Clinical Conference, National Rural Health Association, Oakland, California	Invited Lecture
2016	Program, Qualitative, and Mixed-Methods Evaluation	Executive Leadership Academy, University of Iowa Hospitals and Clinics, Coralville, Iowa	Invited Lecture
April 2016	Innovating for Quality in Critical Access Hospitals (Ward M)	4th Annual Quality Improvement and Patient Safety Symposium, University of Iowa Health Care, Iowa City, United States	Invited Lecture
March 24, 2017	Telehealth in the Emergency Department: Applications, Utilization, and Effects (Ward MM)	Health Systems Research Seminar Series, University of Ottawa, Ottawa, Canada	Invited Lecture

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
May 3, 2017	Telehealth in the Emergency Department (TeleED): Services and Issues (Ward MM)	Iowa Rural Health and Primary Care Advisory Committee, Iowa City, Iowa	Invited Lecture
August 30, 2017	Telehealth in the Rural Emergency Department: Using Mixed Methods to Explore Benefits (Ward MM)	Distinguished Faculty Lecture, College of Public Health, Iowa City, Iowa	Invited Lecture

2. Conference Presentations/Posters

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1978	Neuropsychological Assessment of the Learning Disabled and Hyperactive Child (LeBaron S, Feuerstein M, Ward M)	Annual Meeting, American Psychological Association, Toronto, Canada	Poster
1979	Effects of an ACTH 4-9 Analog on Human Attention and Memory (Veith JL, Ward MM, Shulman H, Sandman CA)	Annual Meeting, American Psychological Association, New York, New York	Poster
1979	Life Events—Physiological Relationships: Mediated by Coronary Prone Behavior? (Swan GE, Chesney MA, Black GW, Ward MM, Rosenman RH)	Annual Meeting, American Psychological Association, New York, New York	Poster
1979	Type A/B and Environmental Control: Too Much or Too Little? (Chesney MA, Ward MM, Black GW, Swan GE, Chadwick JH, Rosenman RH)	Annual Meeting, American Psychological Association, New York, New York	Poster
1983	Catecholamine Levels in Continuously Collected Plasma During Mental Arithmetic, Handgrip, and Cold Pressor (Ward MM, Parker SD, Chesney MA, Mefford IN)	International Symposium on Catecholamines as Hormone Regulators, Indianapolis, Indiana	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1983	Plasma Epinephrine and Norepinephrine Responses and Recovery to a Series of Stressors in Humans (Ward MM, Mefford IN, Parker SD, Chesney MA)	Annual Meeting of the Western Psychological Association, San Francisco, California	Poster
1983	Social Interaction and Cardiovascular Reactivity of Type A and Type B Men (Peters JT, Chesney MA, Black GW, Ward MM)	Annual Meeting of the American Psychological Association, Anaheim, California	Poster
1984	Constant Sampling of Plasma Epinephrine and Norepinephrine Responses to Stress (Ward MM)	The Palo Alto Medical Foundation Research Institute	Oral
1984	Cardiovascular Stress Responses in Twins (Chesney MA, Carmelli D, Ward MM, Rosenman RH)	Annual Meeting of the American Psychological Association, Toronto, Canada	Poster
1985	Ambulatory Blood Pressure and Heart Rate in Exercisers and Nonexercisers (Ward MM, Carmelli D, Welch C)	Annual Meeting of the Society of Behavioral Medicine, New Orleans, Louisiana	Poster
1985	Genetic Factors in Cardiovascular Reactivity to Stress (Chesney MA, Ward MM, Carmelli D)	Annual Meeting of the Society of Behavioral Medicine, New Orleans, Louisiana	Poster
1986	Comparison of Cardiovascular Responses to Caffeine Intake in the Laboratory and in the Natural Setting in Untreated Hypertensives (Ward MM, McElroy MR, Rosenman RH)	Annual Meeting of the Society of Behavioral Medicine, San Francisco, California	Poster
1987	Cardiovascular Reactivity in High and Low Type A Children and Adolescents (Thoresen CE, Eagleston JR, Thoresen KE, Ward MM)	Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1987	New Considerations, Concepts and Findings on Cardiovascular Reactivity (Rosenman RH, Ward MM, Blumlein SL, McElroy MR, Carmelli D, Swan GE)	Mild-to-Moderate Hypertension: Clinical Issues and Therapeutic Options Symposium, Scottsdale, Arizona	Poster
1988	The Changing Concept of Cardiovascular Reactivity (Rosenman RH, Ward MM)	Conference of the International Society for the Investigation of Stress, Munich, Germany	Poster
1989	Ambulatory Blood Pressure and Heart Rate Monitoring (Ward MM)	SRI International, Center for Health, Education, and Social Sciences Research	Oral
1989	Cardiovascular Reactivity (Ward MM)	SRI International, Engineering Division	Oral
1989	Methods for Measuring Ambulatory Blood Pressure and Heart Rate in Men and Women (Ward MM)	The Stanford Center for Research in Disease Prevention	Oral
1989	Studies of Cardiovascular Reactivity (Ward MM)	SRI International, Center for Health, Education, and Social Sciences Research	Oral
1989	Blood Pressure and Heart Rate Reactivity in Adult Male Twins (Carmelli D, Ward M, Reed T, Harshfield G, Grimm C, Christian J)	2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology, Washington, District of Columbia	Poster
1990	Changes in Blood Pressure and Heart Rate Reactivity Following Smoking Cessation (Ward MM, Swan GE, Jack LM)	Annual Meeting of the Society of Behavioral Medicine, Chicago, Illinois	Poster
1991	The Northern California Stop Smoking Study: A Progress Report (Ward MM)	The Stanford Center for Research in Disease Prevention	Oral

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1991	Components of Variation in Ambulatory Blood Pressure and Heart Rate Data: Theoretical and Conceptual Issues (Ward MM, Swan GE, Carmelli D, Denk CD)	Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia	Poster
1991	Correlates of Cardiovascular Reactivity During Cognitive Challenge in an Elderly Sample (Ward MM, Swan GE, Jack LM)	Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia	Poster
1991	Correlates of Heart Rate Decline Following Smoking Cessation (Ward MM, Swan GE, Jack LM)	Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia	Poster
1991	Early Weight Gain Following Smoking Cessation in Males and Females (Ward MM, Swan GE, Carmelli D, Jack LM)	Annual Meeting of the American Psychological Association, San Francisco, California	Poster
1991	Gender Differences in the Rate of Relapse Following Smoking Cessation (Swan GE, Ward MM, Carmelli D, Jack L)	Annual Meeting of the American Psychological Association, San Francisco, California	Poster
1991	The Fagerstrom Tolerance Questionnaire: Psychometric findings (Swan GE, Ward MM, Jack L)	Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia	Poster
1993	Changes in Smoking Patterns Following a Major Stressful Event: The Loma Prieta Earthquake (Jack LM, Swan GE, Ward MM)	Annual Meeting of the Society of Behavioral Medicine, San Francisco, California	Poster
1993	Laboratory and Ambulatory Assessment of Smoking Withdrawal (Ward MM, Swan GE, Jack LM)	Annual Meeting of the Tobacco Related Disease Research Program, San Francisco, California	Poster
1993	Predictors of Relapse in the First Week After Smoking Cessation (Ward MM, Swan GE, Jack LM, Javitz HS)	Annual Meeting of the Society of Behavioral Medicine, San Francisco, California	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1994	The Identification of Subgroups with Differential Rates of Relapse After the Cessation of Smoking: Implications for Alcohol Treatment Research (Swan GE, Ward MM, Carmelli D, Jack LM)	NIAAS Alcohol and Tobacco Research Meeting, San Diego, California	Oral
1997	Cost of Illness Analysis: Methods and Applications (Ward MM)	Graduate Program in Hospital and Health Administration, University of Iowa, Iowa City, Iowa	Oral
1998	Change in Depression and Differing Rate of Success in Quitting Smoking (Jack LM, Swan GE, Ward MM)	First International Meeting of the Society for Research on Nicotine and Tobacco, Copenhagen	Poster
1998	Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation (Ward MM, Doebbeling BE, Vaughn TE, Woolson RF)	Robert Wood Johnson Foundation Substance Abuse Policy Investigator's Meeting, Charleston, South Carolina	Poster
1998	The Cost of Hospitalization for COPD: A Comparison of Three Methods of Attributing Cost by Diagnosis (Ward MM, Javitz HS, Smith WM, Bakst A, Orzolek WS)	Annual Meeting of the Association for Health Services Research, Washington, District of Columbia	Poster
1999	An Investigation of the Veterans Health Administration System on Influenza and Pneumococcal Immunization Rates in the Older Adult: Are They Achieving the Healthy People 2000 Goals? (Whan MA, Doebbeling DN, Vaughn TE, Hansen MD, Woolson RF, Ward MM, Branch LG, Bross DS)	Annual Meeting of the Association for Health Services Research, Chicago, Illinois	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1999	Cost of Hospitalizations for COPD is Higher When Allocation Approach Includes Relevant Co-morbidities (Ward MM, Javitz HS, Smith WM, Bakst A, Orzolek W)	Annual Meeting of the American Thoracic Society, San Diego, California	Poster
1999	Direct Medical Cost of Chronic Obstructive Pulmonary Disease (COPD) Exceeds \$8 Billion in the United States (Ward MM, Javitz HS, Smith WM, Bakst A, Orzolek W)	Annual Meeting of the American Thoracic Society, San Diego, California	Poster
1999	Effect of Smoking Cessation Guidelines on Provider Practice Patterns and Patient Outcomes (Ward MM, Vaughn TE, Doebbeling DN, Jones MF, Woolson RF, Bross DS, Branch LG)	Annual Meeting of the Association for Health Services Research, Chicago, Illinois	Poster
1999	Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation (Ward MM, Vaughn TE, Doebbeling BN, Woolson RF, Clarke WR, Uden-Holman T)	Robert Wood Johnson Foundation Substance Abuse Policy Investigator's Meeting, Savannah, Georgia	Poster
2000	Epidemiology and Control of Antimicrobial Resistance (AMR) in VA and Non-VA Hospitals (Franciscus CJ, Vaughn TE, Ward MM, Diekema DJ, Woolson RF, BootsMiller BJ, Doebbeling BN)	VHA Emerging Pathogens Meeting, Washington, District of Columbia	Poster
February 2001	Organizational and Physician Factors Associated with Physician Adherence to Smoking Cessation Guidelines (Vaughn TE, Ward MM, Doebbeling BN, Clarke WR, Uden-Holman T, Letuchy E)	VA Health Services Research 19th Annual Meeting, Washington, District of Columbia	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
March 2001	Organizational and Physician Factors Fostering Smoking Cessation Counseling (Vaughn TE, Ward MM, Doebbeling BN, Clarke WR, Uden-Holman TM, Woolson RF)	Society of Behavioral Medicine, Annual Scientific Sessions	Poster
September 2001	Clinical Microbiology Laboratory (CML) Support for Infection Control (IC) and Antimicrobial Resistance (AMR) Control (Diekema DJ, Franciscus CJ, Vaughn TE, Ward MM, Woolson RF, Pfaller M, BootsMiller BJ, Doebbeling BN)	41st Annual ICAAC Meeting, Chicago, Illinois	Poster
October 2001	Antimicrobial Resistance (AMR) in Epidemiologically-Important Organisms in US Hospitals (Nora JJ, Diekema DJ, Vaughn TE, Ward MM, BootsMiller BJ, Franciscus CJ, Woolson RF, Doebbeling BN)	Annual IDSA Meeting, San Francisco, California	Poster
October 2001	Implementation of Guidelines to Control Antimicrobial Resistance (AMR) in US Hospitals (Nora JJ, Diekema DJ, Vaughn TE, Ward MM, Franciscus CJ, BootsMiller BJ, Woolson RF, Doebbeling BN)	39th Annual IDSA Meeting, San Francisco, California	Poster
February 2002	Benchmarking VAMCs in Delivery of Evidence-Based Clinical Preventive Services (Doebbeling BN, Vaughn TE, Letuchy E, Branch LG, Ward MM, Woolson RF, BootsMiller BJ, Tripp-Reimer T, Peloso PM)	VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
February 2002	Differing Views of Clinical Practice Guidelines: Variation by Role Responsibility (Sorofman BN, Tripp-Reimer T, DeWitt J, BootsMiller BJ, Vaughn TE, Ward MM, Doebbeling MM)	VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia	Poster
February 2002	Organizational Structures Support Implementation and Adherence to VA Clinical Practice Guidelines (Vaughn TE, Welke KF, Ward MM, McCoy KD, BootsMiller BJ, Woolson RF, Doebbeling BN)	VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia	Poster
February 2002	Strategies that Improved Knowledge of the VA CHF Practice Guideline Did Not Increase Compliance (BootsMiller BJ, Welke KF, McCoy KD, Vaughn TE, Ward MM, Woolson RF, Doebbeling BN)	VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia	Poster
October 2002	Antimicrobial Resistance Trends and Outbreak Frequency in United States Hospitals (Diekema DJ, BootsMiller BJ, Vaughn TE, Ward MM, Ernst EJ, Flach SD, Nora JJ, Woolson RF, Franciscus CJ, Acosta E, Pfaller MA, Doebbeling BN)	40th Annual IDSA Meeting	Poster
February 2003	Provider Factors Relating to EPRP Diabetes Performance (Yankey JW, Ward MM, Pendergast JF, Flach SD, Vaughn TE, BootsMiller BJ, Perlin JB, Doebbeling BN)	Veterans Affairs Health Services Research and Development Service 21st Annual National Meeting, Washington, District of Columbia	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
February 2003	VA Facilities Show Wide Variation in Their Leads of Delivery Across Multiple Performance Indicators (Doebbeling BN, Vaughn TE, Woolson R, Peloso P, Ward MM, Letuchy E, BootsMiller BJ, Tripp-Reimer T, Branch LG)	Special Poster Session/Reception for Network Directors in association with the HSR&D 21st Annual National Meeting, Washington, District of Columbia	Poster
April 2003	Antimicrobial Resistance (AMR) in United States Hospitals: Rates, Trends, and Outbreak Estimates from a Nationwide Survey of Infection Control Professionals (ICPs) and Laboratory Directors (LDs) (Diekema DJ, BootsMiller BJ, Ernst EJ, Flach SD, Franciscus CJ, Pfaller MA, Vaughn TE, Ward MM, Woolson RF, Yankey JW, Doebbeling BN)	Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia	Poster
April 2003	Are US Hospitals Following Antimicrobial Resistance Prevention and Control Guidelines? (Doebbeling BN, Diekema DJ, Vaughn TE, Ward MM, Yankey JW, BootsMiller BJ, Ernst EJ, Flach SD, Pfaller MA, Franciscus CJ, Acosta E)	Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia	Poster
April 2003	Are US Hospitals Following National Guidelines for the Analysis and Presentation of Antibigram Data? (Ernst EJ, Yankey JW, Diekema DJ, Pfaller MA, BootsMiller BJ, Vaughn TE, Ward MM, Flach SD, Franciscus CJ, Acosta E, Doebbeling BN)	Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
April 2003	Can Information Technology Reduce Time Pressure in the Clinic? (Flach SD, McCoy KD, Vaughn TE, BootsMiller BJ, Ward MM, Peloso P, Franciscus CJ, Tripp-Reimer T, Doebbeling BN)	Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada	Poster
April 2003	Development and Validation of a Novel Index to Compare Antimicrobial Resistance Across Types of Hospitals (Yankey JW, Diekema DJ, Vaughn TE, Ernst EJ, BootsMiller BJ, Flach SD, Ward MM, Pendergast JF, Doebbeling BN)	Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia	Poster
April 2003	Dissemination of Information Technology in Hospitals to Improve Quality of Care (Doebbeling BN, Vaughn TE, McCoy K, BootsMiller BJ, Flach SD, Ward MM, Franciscus CJ, Forman V, Peloso P)	Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada	Poster
April 2003	Does Patient-Centered Care Improve Provision of Preventive Services? (Flach SD, Vaughn TE, McCoy KD, BootsMiller BJ, Ward MM, Doebbeling BN)	Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada	Poster
April 2003	Hospitals' Use of Laboratory Procedures to Control Antimicrobial Resistance (Flach SD, Yankey JW, Diekema DJ, Vaughn TE, BootsMiller BJ, Ward MM, Ernst EJ, Doebbeling BN)	Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia	Poster
April 2003	How Can We Improve Compliance with a Congestive Heart Failure Guideline? (Flach SD, Welke K, McCoy K, BootsMiller BJ, Vaughn TE, Ward MM, Perlin J, Doebbeling BN)	Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
April 2003	Information Technology in Rural Hospitals in Iowa: An Assessment of Three Dimensions of IT Sophistication (Jaana M, Wakefield DS, Ward MM, Ohsfeldt RL, Lei Y, Miller T)	5th Annual Student Interdisciplinary Health Research, University of Iowa, Iowa City, Iowa	Poster
April 2004	Institutional Factors Associated With a Novel Antimicrobial Resistance Index (Wilson SJ, Yankey JW, Vaughn TE, Diekema DJ, Flach SD, Ward MM, Doebbeling BN)	Society for Healthcare Epidemiology of America Annual Meeting	Poster
May 2005	General Dentists' Referral of Children Less Than 3 Years to Pediatric Dentists (McQuistan MR, Kuthy RA, Damiano PC, Ward MM)	National Oral Health Conference, Pittsburgh, Pennsylvania	Poster
May 2005	Methodology Employed in Cost of Illness Studies in the Research Literature (Claughbaugh G, Ward MM)	College of Medicine/College of Public Health Research Week, University of Iowa, Iowa City, Iowa	Poster
March 2006	Predictors of One Percentage of Children in General Dental Offices (McQuistan MR, Kuthy RA, Damiano PC, Ward MM)	Interventional Association for Dental Research & American Association for Dental Research, 32nd Annual Meeting, San Antonio, Texas	Poster
June 2006	Statewide Efforts to Enhance HIT in Critical Access Hospitals (Ward MM, Bahensky J, Wakefield DS, Pengxiang L)	AHRQ Annual Patient Safety Conference, Washington, District of Columbia	Poster
October 2006	Comparing Mortality Rates in Rural and Urban Hospitals for Patients with Myocardial Infarction: Rethinking Measures of Quality of Care (James PA, Li P, Ward MM)	North American Primary Care Research Group (NAPCRG) Annual Meeting, Tucson, Arizona	Oral

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
June 2007	Changes in Patient Safety Indicators after Critical Access Hospital Conversion (Li P, Schneider JE, Ward MM)	AcademyHealth Annual Research Meeting, Orlando, Florida	Poster
September 2007	Factors Contributing to Hospital Variation in Medical Complication Rates (Ward MM, Vartak S, Roberts L, Li P, Allareddy V)	Patient Safety Research Conference, Porto, Portugal	Poster
September 2007	Factors Contributing to Variation in Hospital Complication Rates (Ward MM, Roberts L, Vartak S, Allareddy V, Li P)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
September 2007	The Effects of Critical Access Hospital Conversion on Patient Safety (Li P, Schneider JE, Ward MM)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
October 2007	Effect of Critical Access Conversion on Operating Cost in Iowa Rural Hospitals (Li P, Schneider JE, Ward MM)	North American Primary Care Research Group (NAPCRG) Annual Meeting, Vancouver, Canada	Poster
November 2007	How Does Iowa Compare on Hospital Quality and Patient Safety Indicators? And Why? (Ward MM, Li P, Roberts L)	Iowa Healthcare Collaborative Annual Meeting, Ames, Iowa	Poster
September 2008	Hospital Leaderships' Perceptions of National Quality Forum Safe Practices in Iowa (Roberts L, Ward M, Evans T)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
September 2008	Hospital Quality Indicators and Iowa Rural Hospitals (Li P, Ward MM, James P, Schneider JE)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
September 2008	Patient Safety Indicators in U.S. Urban and Rural Hospitals (Ward MM, Vartak S, Vaughn T)	AHRQ Annual Meeting, Bethesda, Maryland	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
June 2009	HIT Implementation in Critical Access Hospitals: Extent of implementation and Business Strategies Supporting IT Use (Ward MM, Bahensky J, Nyarko K, Li P)	AcademyHealth Annual Meeting, Chicago, Illinois	Poster
June 2009	Patient Safety Outcomes in Small Urban and Small Rural Hospitals (Vartak S, Ward MM, Vaughn TE)	AcademyHealth Annual Meeting, Chicago, Illinois	Poster
September 2009	Implementing an EHR to Connect a Rural Health Network (O'Brien J, Ward MM, Wakefield DS, Loes JL)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
September 2009	Implementing Shared Formulary and E-based Medication Order Review as Essential Steps in Developing "Closed Loop" Medication Process in Critical Access Hospitals (Wakefield DS, Ward MM, Loes JL, O'Brien J)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
September 2009	Staff Perception Survey Before and After EHR/CPOE Implementation (Loes JL, Ward MM, Wakefield DS, O'Brien J)	AHRQ Annual Meeting, Bethesda, Maryland	Poster
November 2010	Patient Safety Outcomes in Small Rural and Small Urban Hospitals (Vartak S, Ward MM, Vaughn TE)	Midwest Rural Health Forum, Iowa Center for Agricultural Safety and Health, Iowa City, Iowa	Poster
June 2012	What Do We Know about Evidence-Based Management in Health Care? A Systematic Review (Jaana M, Vartak S, Ward MM)	Annual Meeting, Academy Health, Orlando, Florida	Poster
June 2014	Strategies for Preparing Rural Hospitals for TeamSTEPPS Implementation (Zhu X, Baloh J, Ward MM)	AcademyHealth Annual Meeting, San Diego, California	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
July 2015	Healthcare Leader's Role in Developing High Performing Teams: A Case Study using the Tuchman's Model of Team Development (Manges K, Scott-Cawiezell J, Ward M)	Collaborating Across Borders V, Roanoke, Virginia	Poster
August 2015	Cultivating High-Performing Quality Improvement Teams: A Case Study Using the Tuckman Model of Team Development (Manges KA, Scott-Cawiezell J, Ward M)	VA Quality Scholars Summer Institute, Veterans Health Affairs, Nashville, Tennessee	Poster
October 2015	Systematic Review of Telemedicine Applications in the Emergency Room (Ward MM, Jaana M, Natafagi N)	APHA 143rd Annual Meeting, American Public Health Association, Chicago, Illinois	Oral
December 2015	Facilitation Activities of Critical Access Hospitals during TeamTEPPS Implementation (Baloh J, Zhu X, Ward MM)	8th Annual Conference on the Science of Dissemination and Implementation in Health, AcademyHealth, Washington DC, District of Columbia	Oral
April 2016	Surgical Patient Safety Outcomes in Critical Access Hospitals (CAH) (Natafagi N, Baloh J, Weigel P, Ullrich F, Ward MM)	Research Week, University of Iowa College of Public Health, Iowa City, Iowa, United States	Poster
April 4, 2017	Assessing Quality in Telehealth Initiatives (Ward MM)	MATRC Summit 2017, Lansdowne, Virginia	Oral
April 5, 2017	Identifying Measured for Evaluating Telehealth (Ward MM)	SEARCH Telehealth Research Symposium, Leesburg, Virginia	Oral
April 30, 2018	Building the Telehealth Evidence Base: Collaborations across Research Grantees (Ward MM)	American Telemedicine Association annual meeting, Chicago, Illinois	Oral
May 17, 2018	Telemedicine is Associated with Faster Diagnostic Testing for Rural ED Patients (Mohr NM)	Society for Academic Emergency Medicine annual meeting, Indianapolis, Indiana	Oral

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
June 25, 2018	Impact of Telemedicine on Emergency Department (ED) Disposition: A Pre-post Study Design of an ED-based Telemedicine Program in Critical Access Hospitals (Natagfi N, Mohr NM, Wittrock A, Bell A, Ward MM)	Health Information Technology Interest Group, Academy Health, Washington, District of Columbia	Oral
November 13, 2018	Impact of Telemedicine on Emergency Department (ED) Disposition: A Pre-post Study Design of an ED-based Telemedicine Program in Critical Access Hospitals (Natafji N, Mohr NM, Wittrock A, Bell A, Ward MM)	American Public Health Association annual meeting, San Diego, California	Oral
April 2019	Identifying Measures to Build the Evidence Base for Telehealth (Ward MM)	American Telemedicine Association annual meeting, New Orleans, Louisiana	Oral
May 14, 2019	Continuing Professional Education in Rural Emergency Departments Using Telemedicine (Zhu X, Merchant K, Mohr NM, Wittrock A, Bell A, Ward M)	Society for Academic Emergency Medicine annual meeting, Las Vegas, Nevada	Oral
May 14, 2019	Telemedicine is Associated with Rapid Transfer and Few Involuntary Holds among Patients with Suicidal Ideation (Vakkalanka P, Harland K, Wittrock A, Schmidt M, Mack L, Nipe M, Bell A, Himadi E, Ward M , Mohr NM)	Society for Academic Emergency Medicine annual meeting, Las Vegas, Nevada	Oral

3. Other Presentations

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2000	IDPH-CPH Essential Services of Public Health - Evaluate Personal and Population-Based Health Services	College of Public Health, University of Iowa	Seminar

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2000	RWJ-Funded Research Project on Smoking Cessation Guidelines	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2002	A Consumer's Guide to Meta-Analysis in Health Outcomes	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2002	Cost-of-Illness Analyses: Goals and Methods	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2002	Infrastructure Subcommittee Report for Patient and Populations Oriented Research at UI	Patient and Population Oriented Research Retreat, University of Iowa	Seminar
2002	Methods Used to Develop Evidence-Based Guidelines	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2004	Hospital and Surgeon Volume of Procedures: Why and How to Study	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2005	Designing the Next Study: Assessing Quality of Rural Hospital Stabilize and Transfer Practices	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2005	Survey of NQF 30 Safe Practices in Iowa Hospitals: Preliminary Approaches to Analysis and Drafting a Manuscript	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2008	An Analysis of Patient Safety Outcomes at Small Urban and Rural Hospitals	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2008	Research Approaches to Understanding Rural Hospital Clinical Information System Strategies	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2011	Influence of Survey Design in Assessing Nurses' Perceptions During an EHR Implementation	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2012	Who Does Not Receive Treatment for Cancer: A Health Services Researcher Perspective	Center for Health Policy and Research. Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2013	Geographic Access to Cancer Treatment in Iowa	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2014	Research Ethical Issues of a Quality Improvement Project	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa	Seminar
2015	Mission Lifeline. AHA System of Care for STEMI. Evaluation in Three Rural States (Merchant K, Ward M)	Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa	Seminar
July 2020	Contributing to the Telehealth Evidence Base to Inform Policy (Ward MM)	WWAMI	Guest Speaker

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
September 2020	ED Telehealth and Access: Research across Six Tele-ED Networks (Ward MM)	Society for Academic Emergency Medicine Consensus Conference 2020	Guest Speaker
December 2020	Quality Measures in Telehealth (Ward MM)	Rural HIT Coalition	Guest Speaker

IV. SERVICE

A. Offices/appointments held in professional organizations

1. Editorships

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2004-2006	Nicotine & Tobacco Research	Associate Editor

2. Review Panels

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1991-1996	Human Development and Aging Study Section, National Institutes of Health	Ad-Hoc Member of Study Section, Grant Reviewer
2004-2006	VA HSR&D Career Development Awards Review Panel	Reviewer, Grant Proposals
2010	NIH 2RG1 ETTN A Study Section, National Institutes of Health	Reviewer, Grant Proposals
2011	Career Investigator Award, Michael Smith Foundation for Medical Research	Reviewer, Grant Proposals
2012	International Conference on Information Systems	Reviewer
2012	Clinical Research Fellowship, Raine Medical Research Foundation	Reviewer, Grant Proposals

3. Professional Organizations (state and/or national)

<u>Year</u>	<u>Organization</u>	<u>Position</u>
	AcademyHealth	

<u>Year</u>	<u>Organization</u>	<u>Position</u>
	American Telemedicine Association	
	Iowa Rural Health Association	
	Society for Education and the Advancement of Research in Connected Health	
1993-1997	Education and Training Council, Society of Behavioral Medicine	Member
1993-1997	Program Oversight Committee, Society of Behavioral Medicine	Chair
1996-1997	Professional Liaison Council, Society of Behavioral Medicine	Member
1997-2000	Society of Behavioral Medicine	Secretary-Treasurer
1997-2000	Board of Directors, Society of Behavioral Medicine	Member
1997-2000	Executive Committee, Society of Behavioral Medicine	Member
1997-2000	Finance Committee, Society of Behavioral Medicine	Member
1997-2000	Long-Range Planning Committee, Society of Behavioral Medicine	Member
1998-2000	Program Oversight Committee, Society of Behavioral Medicine	Member
1999-2000	Finance Committee, Society for Research on Nicotine and Tobacco	Member
2000-2006	Board of Directors, Society for Research on Nicotine and Tobacco	Member
2000-2006	Finance Committee, Society for Research on Nicotine and Tobacco	Chair
2000-2001	Awards Committee, Society of Behavioral Medicine	Member
2006-2010	Finance Committee, Society for Research on Nicotine and Tobacco	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2006-2009	Finance Committee, AUPHA	Member
2010-2013	Graham Prize Committee, AUPHA	Member

B. Other Professional Service

1. Referee Manuscripts/Journal Reviews

<u>Year</u>	<u>Organization</u>	<u>Position</u>
	Addiction	Referee Manuscripts
	Addiction Behavior	Referee Manuscripts
	American Journal of Cardiology	Referee Manuscripts
	American Journal of Managed Care	Referee Manuscripts
	Annals of Behavioral Medicine	Referee Manuscripts
	Applied Clinical Informatics	Referee Manuscripts
	Biological Psychology	Referee Manuscripts
	Clinical Respiratory Journal	Referee Manuscripts
	Health Psychology	Referee Manuscripts
	Hospital Practice	Referee Manuscripts
	International Journal for Quality in Health Care	Referee Manuscripts
	International Journal of Medical Informatics	Referee Manuscripts
	International Journal of Psychiatry in Medicine	Referee Manuscripts
	International Journal of Psychophysiology	Referee Manuscripts
	International Journal of Technology Assessment in Health Care	Referee Manuscripts
	Journal of Aging and Health	Referee Manuscripts
	Journal of Behavioral Medicine	Referee Manuscripts

<u>Year</u>	<u>Organization</u>	<u>Position</u>
	Journal of Clinical Epidemiology	Referee Manuscripts
	Journal of General Internal Medicine	Referee Manuscripts
	Journal of Gerontology: Social Sciences	Referee Manuscripts
	Journal of Health Care for the Poor and Underserved	Referee Manuscripts
	Journal of Medical Systems	Referee Manuscripts
	Journal of Occupational Medicine and Toxicology	Referee Manuscripts
	Journal of Rheumatology	Referee Manuscripts
	Journal of the American Medical Association	Referee Manuscripts
	Nicotine & Tobacco Research	Referee Manuscripts
	Psychophysiology	Referee Manuscripts
	Psychosomatic Medicine	Referee Manuscripts
	Quality of Life Research	Referee Manuscripts
	Surgical Endoscopy	Referee Manuscripts
	Swiss Medical Weekly	Referee Manuscripts
	The Journal of Rural Health	Referee Manuscripts
	The Journal of Urology	Referee Manuscripts
	Treatments in Respiratory Medicine	Referee Manuscripts
2017	USDA SBIR	Reviewer, Grant Proposals
2018-2019	Health Affairs	Referee Manuscripts

2. Organize Conference, Paper Session, etc.

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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<u>Year</u>	<u>Organization</u>	<u>Position</u>
1988	Ambulatory Monitoring Technology Workshop, Society for Psychophysiological Research Annual Meeting	Chair
1992	13th Annual Meeting Society of Behavioral Medicine	Program Co-Chair
1992	From the Laboratory to the Field: The Generalizability Workshop of cardiovascular reactivity. Chair of workshop presented at the annual meeting of the Society of Behavioral Medicine, Society of Behavioral Medicine Annual Meeting	Chair

3. State Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2004-2005	Healthy Iowa 2010 Rewrite Committee	Member

4. National Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2016-2017	Telehealth Multistakeholder Committee for the Telehealth Framework to Support Measure Development, National Quality Forum	Co-Chair
2017-2018	MAP Rural Health, National Quality Forum	Member
2017-2018	Organizing Committee, Society for Education and Research in Connected Health	Member
2020-2021	Rural Telehealth and Healthcare System Readiness Committee, National Quality Forum	Co-Chair

5. Professionally Relevant Community Involvement

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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<u>Year</u>	<u>Organization</u>	<u>Position</u>
1983-1986	Health in Youth Project Center for Educational Research at Stanford, Stanford University	Advisor
1983-1984	Bay Area Hypertension Council Advisory Committee	Member
1989-1992	Exercise and Stress-Related Responses in Older Adults Project, Stanford Center for Research in Disease Prevention, Stanford University	Advisor
2005-2012	Task Force on Public Data Reporting, Iowa Healthcare Collaborative	Member
2006-2012	Partnerships for Implementing Patient Safety, Cedar Rapids Healthcare Alliance	Technical Contributor
2006-2007	Steering Committee, Health Information Security and Privacy Collaboration (HISPC) Project in Iowa	Member
2007-2011	Advisory Council on the Iowa's Physician Workforce	Member
2009-2013	Provider Advisory Committee, Iowa Healthcare Collaborative	Member
2013-2016	Cluj School of Public Health, Romania	Board of Advisors

6. Professional Consulting

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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7. Other

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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C. Departmental, Collegiate or University Service

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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<u>Year</u>	<u>Organization</u>	<u>Position</u>
1997-1999	Communications and Information Resources Committee, Department of Preventive Medicine and Environmental Health	Chair
1997-1999	Master's Examination Committee, Department of Preventive Medicine and Environmental Health	Member
1999-2014	Research Council, College of Public Health	Member
1999-2012	PhD Curriculum and Procedures Committee, Department of Health Management and Policy	Chair
1999-2012	PhD Preliminary Examination Administration and Review Committee, Department of Health Management and Policy	Chair
1999-2003	Research Advisory Council, College of Public Health and College of Medicine	Member
1999-2001	Faculty Search Committee, Department of Health Management and Policy	Member
1999	Head Search Committee, Department of Community and Behavioral Health	Member
2000-2012	PhD Admissions Committee, Department of Health Management and Policy	Chair
2000-2002	Faculty Search Committee, Department of Community and Behavioral Health	Member
2000-2001	Head Search Committee, Department of Biostatistics	Member
2000	New Investigator Research Award Review Committee, College of Public Health/College of Medicine	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2001	Infrastructure Subcommittee, Patient & Population Oriented Research Retreat, College of Medicine	Chair
2002-2004	Awards Committee, College of Medicine/College of Public Health	Member
2003-2006	Faculty Senate, University of Iowa	Member
2005-2007	Faculty Council, College of Public Health	Member
2006-2013	Promotion and Tenure Committee, College of Public Health	Member
2007-2008	Faculty Search Committee, Department of Health Management and Policy	Chair
2008-2015	University of Iowa, Interdisciplinary Graduate Program in Health Informatics Advisory Board	Member
2008-2009	DEO Search Committee, Department of Health Management and Policy	Member
2009-2021	Awards Committee, College of Public Health	Member
2009-2010	University of Iowa Hospitals and Clinics, Senior Associate Director for Nursing Research and Evidence-Based Practice Search Committee	Member
2010-2012	Faculty Search Committee, Department of Health Management and Policy	Chair
2010-2011	University Senior VP and Provost Search Committee, University of Iowa	Member
2010	DEO Search Committee, Department of Occupational and Environmental Health	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2011-2012	Decanal Review Committee, College of Nursing, University of Iowa	Member
2012-2016	Interdisciplinary Graduate Program in Health Informatics Admission Committee	Chair
2012-2015	Center Leadership Committee, College of Public Health	Member
2012-2014	PhD Program Quality Improvement Committee, Department of Health Management and Policy	Chair
2012	College of Public Health, OEH Department Review Committee, College of Public Health	Member
2013-2014	University of Iowa, Curricular Innovations Committee, College of Public Health	Member
2014-2017	University of Iowa, Faculty Council, College of Public Health	Member
2014-2017	Promotion and Tenure Committee, College of Public Health	Chair
2014-2015	Faculty Search Committee, Department of Health Management and Policy	Member
2015-2017	PhD Program Quality Improvement Committee, Department of Health Management and Policy	Member
2015	Biostatistics Department Review Committee, College of Public Health	Member
2016-2018	Interdisciplinary Graduate Program in Health Informatics Admission Committee	Member
2016-2017	Faculty Search Committee, Department of Community and Behavioral Health	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2017-2018	Academic Programs Quality Improvement Committee, Department of Health Management and Policy	Member
2017-2018	Executive Committee, College of Public Health	Member
2018-2019	Colloton Chair Search Committee, Department of Health Management and Policy	Member
2018-2019	DEO Search Committee, Department of Community and Behavioral Health	Member