

# **Marcia Ward, PhD**

College of Public Health Curriculum Vitae  
Department of Health Management and Policy  
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## Educational and Professional History

### **Degrees Earned**

- 1973 BA in Human Neuropsychology and Psychophysiology, Ohio State University, Columbus, Ohio
- 1976 MA in Clinical Psychology, Ohio State University, Columbus, Ohio
- 1981 PhD in Clinical Psychology, Ohio State University, Columbus, Ohio

### **Employment History**

- 1973 - 1977 Graduate Research Assistant, Psychophysiology & Endocrinology Research Laboratory, Department of Clinical Psychology and Department of Medical Rehabilitation, Ohio State University, Columbus, Ohio
- 1977 - 1978 Predoctoral Psychology Intern (APA approved), Veterans Administration Hospital, San Francisco CA, San Francisco, California
- 1978 - 1985 Research Psychologist, Department of Behavioral Medicine, SRI International, Menlo Park, California
- 1978 - 1985 Clinical Psychology Consultant and Biofeedback Therapist, Private Practice of John Glathe M.D, Palo Alto, California
- 1985 - 1993 Senior Research Psychologist, Center for Health Sciences, SRI International, Menlo Park, California
- 1993 - 1997 Senior Research Consultant, Center for Health Sciences, SRI International, Menlo Park, California
- 1996 - 1997 Associate Director, Center for Health Sciences, SRI International, Menlo Park, California
- 1997 - 2006 Associate Professor, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa
- 2000 - 2006 Deputy Director, Center for Health Policy and Research, College of Public Health, University of Iowa, Iowa City, Iowa
- 2004 - 2006 Senior Scientist, Center for Research in the Implementation of Innovative Strategies in Practice (CRIISP), Iowa City VA Center of Excellence, Iowa City, Iowa
- 2007 - 2011 Associate Head, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa
- 1999 - 2014 Director, Doctoral Program, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa
- 2007 - 2015 Advisory Board Member, Interdisciplinary Graduate Program in Health Informatics, University of Iowa, Iowa City, Iowa

2007 - 2018	Faculty, Interdisciplinary Graduate Program in Health Informatics, College of Public Health, University of Iowa, Iowa City, Iowa
2017 - 2018	Interim Head, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa
2006 - 2022	Professor, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa
2007 - 2022	Director, Center for Health Policy and Research, College of Public Health, University of Iowa, Iowa City, Iowa
2015 - 2022	Director, Rural Telehealth Research Center, College of Public Health, University of Iowa, Iowa City, Iowa
2022 - Present	Deputy Director, Remote Care and Telehealth Research Center, College of Public Health, University of Iowa, Iowa City, Iowa
2023 - Present	Distinguished Research Professor, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa

## Honors and Awards

1984	Citation Paper Award, American Psychological Association
1991	Excellence Award, SRI International
1993	Citation Paper Award, 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
2016	Faculty Research Award, College of Public Health, University of Iowa
2017	Educators' Honour Roll, Telfer School of Management, University of Ottawa
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
2023	CPH Faculty Mentor Award, College of Public Health, University of Iowa
2024	Co-Author of "Top Read Article of 2024" in Telemedicine and e-Health Journal
2000 - Present	Elected Fellow, Society of Behavioral Medicine
2013 - Present	Delta Omega Honorary Society in Public Health

# Teaching

## Course Teaching

### University of Iowa

Fall 1997	Independent Study, 80:263, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%
Fall 1997	Introduction to Clinical Epidemiology, 63:171:024
Spring 1998	Evaluation and Outcomes in Health Care, 80:221, Credit Hours: 3, Enr: 19, Percent of Course: 100.0%
Fall 1998	Health Care Utilization Outcomes, 80:268, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%
Fall 1998	Introduction to Clinical Epidemiology, 63:171:024
Spring 1999 - Spring 2015	Evaluation and Outcomes in Health Care, 80:221, Credit Hours: 3, Enr: 10, Percent of Course: 100.0%
Spring 1999	Independent Study, 80:263, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%
Spring 1999	Information Tools for Healthcare Decision Support, 92:283
Spring 1999	Advanced Case Management: An Interdisciplinary Approach, Topic: Health Outcomes, 96:266
Spring 1999	Chronic Disease Methods, ***:***:***
Fall 1999	Information Tools for Healthcare Decision Support, Topic: Benchmarking in Healthcare, 96:283
Fall 1999	Introduction to Clinical Epidemiology, Topic: Health Services Research, 63:171:024
Fall 1999	Seminar in Contemporary Health Issues, 80:255, Enr: 7, Percent of Course: 100.0%
Fall 1999	Seminar in Health Management Instruction, 80:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%
Spring 2000	Advanced Case Management: An Interdisciplinary Approach, 96:266
Spring 2000	Evaluation and Outcomes in Health Care, 80:221, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%
Spring 2000	Quantitative Management, 80:204, Credit Hours: 3, Enr: 12, Percent of Course: 67.0%
Spring 2000	Seminar in Contemporary Health Issues, 80:255, Enr: 5, Percent of Course: 100.0%
Summer 2000	General Internal Medicine course on Introduction to Patient Oriented Research Topic, ***:***:***
Fall 2000	Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%
Fall 2000	Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 9, Percent of Course: 100.0%
Fall 2000	Introduction to Clinical Epidemiology, 63:171:024
Fall 2000	Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%
Fall 2000	Seminar in Health Management Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2001 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 3, Enr: 9, Percent of Course: 100.0%

Spring 2001 Seminar in Contemporary Health Issues, 174:255, Enr: 5, Percent of Course: 100.0%

Summer 2001 General Internal Medicine course on Introduction to Patient Oriented Research, \*\*\*.\*\*\*.\*\*\*

Fall 2001 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 11, Percent of Course: 100.0%

Fall 2001 Information Tools for Healthcare Decision Support, 96:283

Fall 2001 Introduction to Clinical Epidemiology, 63:171:024

Fall 2001 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Fall 2001 Seminar in Health Management Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2002 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 3, Enr: 7, Percent of Course: 100.0%

Spring 2002 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2002 Seminar in Health Management Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Summer 2002 General Internal Medicine course on Introduction to Patient Oriented Research, \*\*\*.\*\*\*.\*\*\*

Fall 2002 Information Tools for Healthcare Decision Support, 96:283

Fall 2002 Seminar in Contemporary Health Issues, 174:255, Enr: 5, Percent of Course: 100.0%

Fall 2002 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2003 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 3, Enr: 23, Percent of Course: 100.0%

Spring 2003 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Fall 2003 Advanced Case Management: An Interdisciplinary Approach, 96:266

Fall 2003 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 9, Percent of Course: 100.0%

Fall 2003 Seminar in Contemporary Health Issues, 174:255, Enr: 5, Percent of Course: 100.0%

Fall 2003 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Spring 2004 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 13, Percent of Course: 100.0%

Spring 2004 Health Informatics II Topic: IT Initiatives for Patient Safety, 96:289

Spring 2004 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Fall 2004 Dissertation, 174:285, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2004 Health Informatics I, 96:288

Fall 2004 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Fall 2004 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2005 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 31, Percent of Course: 100.0%

Spring 2005 Independent Study, 174:280, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2005 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Spring 2005 Seminar in Health Policy Research, 174:245

Spring 2005 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Fall 2005 Dissertation, 174:285, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2005 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Fall 2005 Health Informatics I, 96:288

Fall 2005 Independent Study, 174:280, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2005 PhD Independent Study, 174:260, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2005 Seminar in Contemporary Health Issues, 174:255, Enr: 2, Percent of Course: 100.0%

Fall 2005 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2006 Dissertation, 174:285, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Spring 2006 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 30, Percent of Course: 100.0%

Spring 2006 PhD Independent Study, 174:260, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Spring 2006 Seminar in Contemporary Health Issues, 174:255, Enr: 2, Percent of Course: 100.0%

Spring 2006 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Fall 2006 Dissertation, 174:285, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2006 Health Informatics I, 96:288

Fall 2006 Seminar in Contemporary Health Issues, 174:255, Enr: 1, Percent of Course: 100.0%

Fall 2006 Seminar in Health Policy Research, 174:245

Fall 2006 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2007 Dissertation, 174:285, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Spring 2007 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 35, Percent of Course: 100.0%

Spring 2007 Health Informatics I, 96:289

Spring 2007 Independent Study and Research, 174:280, Credit Hours: 1, Enr: 1, Percent of Course: 100.0%

Spring 2007 PhD Independent Study, 174:260, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Spring 2007 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Fall 2007 Dissertation, 174:285, Credit Hours: 3, Enr: 4, Percent of Course: 100.0%

Fall 2007 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 8, Percent of Course: 100.0%

Fall 2007 PhD Independent Study, 174:260, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Fall 2007 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2008 Dissertation, 174:285, Credit Hours: 3, Enr: 5, Percent of Course: 100.0%

Spring 2008 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 26, Percent of Course: 100.0%

Spring 2008 PhD Guided Research, 174:257, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2008 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2008 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2008 PhD Independent Research, 174:260, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2008 Dissertation, 174:285, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Fall 2008 PhD Independent Research, 174:260, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2008 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2009 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 34, Percent of Course: 100.0%

Spring 2009 Seminar in Contemporary Health Issues, 174:255, Enr: 2, Percent of Course: 100.0%

Spring 2009 Dissertation, 174:285, Credit Hours: 3, Enr: 4, Percent of Course: 100.0%

Fall 2009 Dissertation, 174:285, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Fall 2009 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 9, Percent of Course: 100.0%

Fall 2009 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Fall 2009 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Spring 2010 Dissertation, 174:285, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Spring 2010 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 31, Percent of Course: 100.0%

Spring 2010 Independent Study, 174:280, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2010 Seminar in Contemporary Health Issues, 174:255, Enr: 1, Percent of Course: 100.0%

Spring 2010 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Fall 2010 Seminar in Contemporary Health Issues, 174:255, Enr: 5, Percent of Course: 100.0%

Fall 2010 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2010 Dissertation, 174:285, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%

Fall 2010 Evaluation and Outcomes in Health Care, 174:221, Credit Hours: 2, Enr: 20, Percent of Course: 100.0%

Fall 2010 Introduction to Health Care Organization and Policy, Topic: Health Indicator Data, 174:200

Spring 2011 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2011 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Summer 2011 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2011 Health Care Utilization Outcomes, 174:268, Credit Hours: 3, Enr: 11, Percent of Course: 100.0%

Fall 2011 Intro to Health Care Organization and Policy, 174:200, Credit Hours: 3, Enr: 35

Fall 2011 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Fall 2011 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2012 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews, 174:204, Credit Hours: 2, Enr: 35

Spring 2012 Seminar in Contemporary Health Issues, 174:255, Enr: 3, Percent of Course: 100.0%

Spring 2012 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Fall 2012 Intro to Health Care Organization and Policy, 174:200, Credit Hours: 3, Enr: 30

Fall 2012 Seminar in Contemporary Health Issues, 174:255, Enr: 2, Percent of Course: 100.0%

Fall 2012 Seminar in Health Research and Instruction, 174:270, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Spring 2013 PhD Dissertation, 174:285, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Spring 2013 PhD Independent Research, 174:260, Credit Hours: 2, Enr: 1, Percent of Course: 100.0%

Spring 2013 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews, 174:204, Credit Hours: 2, Enr: 30

Spring 2013 Seminar in Contemporary Health Issues, 174:255, Enr: 2, Percent of Course: 100.0%

Spring 2013 Seminar in Health Research & Instruction, 174:270, Credit Hours: 1, Enr: 2, Percent of Course: 100.0%

Spring 2013 Topics in Global Health, HMP:7910:0001, Credit Hours: 1, Enr: 6, Percent of Course: 8.0%

Fall 2013 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Spring 2014 Quantitative Management in Healthcare, Topics: Evaluation Design and Systematic Reviews, 174:204, Credit Hours: 2, Enr: 30

Spring 2014 Seminar in Contemporary Health Issues, 174:255, Enr: 4, Percent of Course: 100.0%

Spring 2014 Seminar in Health Research & Instruction, 174:270, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2014	Primary Data and Mixed Methods, HMP:7940, Credit Hours: 3, Enr: 6, Percent of Course: 100.0%
Fall 2014	Seminar in Contemporary Health Issues, HMP:7910, Enr: 5, Percent of Course: 100.0%
Fall 2014	Seminar in Health Research & Instruction, HMP:7970, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%
Spring 2015	Quantitative Management in Healthcare, HMP:5310, Credit Hours: 2, Percent of Course: 15.0% Role: Guest Lecturer
Spring 2015	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 3, Percent of Course: 100.0%
Spring 2015	Seminar in Health Research & Instruction, HMP:7970:0001, Enr: 2, Percent of Course: 100.0%
Fall 2015	Primary Data in Mixed Methods, HMP:7940:0001, Credit Hours: 3, Enr: 3, Percent of Course: 100.0%
Fall 2015	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 8, Percent of Course: 100.0%
Fall 2015	Seminar in Health Research & Instruction, HMP:7970:0001, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%
Spring 2016	Healthcare Quality Management, HMP:5310, Credit Hours: 2, Percent of Course: 15.0% Role: Guest Lecturer
Spring 2016	Independent Study and Research, HMP:6850:0127, Percent of Course: 100.0%
Spring 2016	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 7, Percent of Course: 100.0%
Spring 2016	Seminar in Health Research & Instruction, HMP:7970:0001, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%
Spring 2016	Thesis/Dissertation, HMP:7990:0127, Percent of Course: 100.0%
Fall 2016	Primary Data and Mixed Methods, HMP:7940:0001, Credit Hours: 3, Enr: 6, Percent of Course: 100.0%
Fall 2016	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 9, Percent of Course: 100.0%
Fall 2016	Seminar in Health Research & Instruction, HMP:7970:0001, Enr: 1, Percent of Course: 100.0%
Fall 2016	Thesis/Dissertation, HMP:7990:3119, Percent of Course: 100.0%
Spring 2017	Healthcare Quality Management, HMP:5310 Role: Guest Lecturer
Spring 2017	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 9, Percent of Course: 100.0%
Spring 2017	Seminar in Health Research & Instruction, HMP:7970:0001, Enr: 1, Percent of Course: 100.0%
Spring 2017	Thesis/Dissertation, HMP:7990:4689, Percent of Course: 100.0%
Summer 2017	Seminar in Health Research & Instruction, HMP:7970:0001, Credit Hours: 1, Enr: 1, Percent of Course: 100.0%

Fall 2017	Primary Data and Mixed Methods, HMP:7940:0001, Credit Hours: 3, Enr: 6, Percent of Course: 100.0%
Fall 2017	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 12, Percent of Course: 100.0%
Fall 2017	Seminar Instruction & Prof Development, HMP:7970:0001, Enr: 1, Percent of Course: 100.0%
Dec 2017	Executive Leadership Academy Role: Guest Lecturer
Spring 2018	Healthcare Quality Management, HMP:5310 Role: Guest Lecturer
Spring 2018	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 11, Percent of Course: 100.0%
Spring 2018	Seminar Instruction & Prof Development, HMP:7970:0001, Enr: 4, Percent of Course: 100.0%
Fall 2018	Primary Data and Mixed Methods, HMP:7940:0001, Credit Hours: 3, Enr: 7, Percent of Course: 100.0%
Fall 2018	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 15, Percent of Course: 100.0%
Fall 2018	Seminar Instruction & Prof Development, HMP:7970:0001, Enr: 3, Percent of Course: 100.0%
Dec 2018	Executive Leadership Academy Role: Guest Lecturer
Spring 2019	Rural Health and Agricultural Medicine Role: Guest Lecturer
Spring 2019	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 10, Percent of Course: 100.0%
Spring 2019	Seminar Instruction & Prof Development, HMP:7970:0001, Credit Hours: 3, Enr: 4, Percent of Course: 100.0%
Jun 2019	Ag Safety & Health Role: Guest Lecturer
Fall 2019	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 6, Percent of Course: 100.0%
Fall 2019	Seminar Instruction & Prof Development, HMP:7970:0001, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%
Dec 2019	Executive Leadership Academy Role: Guest Lecturer
Spring 2020	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 4, Percent of Course: 100.0%
Spring 2020	Seminar Instruction & Prof Development, HMP:7970:0001, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%
Spring 2021	Seminar in Contemporary Health Issues, HMP:7910:0001, Enr: 2, Percent of Course: 100.0%

# Scholarship/Professional Productivity

## Publications or creative works

### Peer-reviewed papers and journal articles

1. **Ward, M. M.**, Stone, S. C. & Sandman, C. A. (1978). Visual perception in women during the menstrual cycle. *Physiology and Behavior* 20 (3) 239-243.
2. **Ward, M. M.**, Sandman, C. A., George, J. M. & Shulman, H. (1979). MSH/ACTH 4-10 in men and women: Effects upon performance of an attention and memory task. (Vols. 22). (4), pp. 669-673. *Physiology and Behavior*.
3. Chesney, M. A., Sevelius, G., Black, G. W., **Ward, M. M.**, Swan, G. E. & Rosenman, R. H. (1981). Work environment, Type A behavior, and coronary heart disease risk factors. (Vols. 23). (8), pp. 551-555. *Journal of Occupational Medicine*.
4. Mefford, I. N., **Ward, M. M.**, Miles, L., Taylor, B., Chesney, M. A., Keegan, D. L. & Barchas, J. D. (1981). Determination of plasma catecholamines and free 3,4-dihydroxyphenylacetic acid in continuously collected human plasma by high performance liquid chromatography with electrochemical detection. (Vols. 28). pp. 477-483. *Life Sciences*.
5. **Ward, M. M.**, Mefford, I. N., Parker, S. D., Chesney, M. A., Taylor, C. B., Keegan, D. L. & Barchas, J. D. (1983). Epinephrine and norepinephrine responses in continuously collected human plasma to a series of stressors. (Vols. 45). (6), pp. 471-486. *Psychosomatic Medicine*.
6. Carmelli, D., Chesney, M. A., **Ward, M. M.** & Rosenman, R. H. (1985). Twin similarity in cardiovascular stress response. (Vols. 4). (5), pp. 413-423. *Health Psychology*.
7. Chesney, M. A. & **Ward, M. M.** (1985). Biobehavioral treatment approaches for cardiovascular disorders. (Vols. 5). (5), pp. 226-232. *Journal of Cardiopulmonary Rehabilitation*.
8. Swan, G. E., Chesney, M. A., Black, G. W., **Ward, M. M.** & Rosenman, R. H. (1986). Self-reported somatic symptoms in Type A and Type B middle-aged males. (Vols. 2). pp. 63-68. *Stress Medicine*.
9. **Ward, M. M.**, Chesney, M. A., Swan, G. E., Black, G. W., Parker, S. D. & Rosenman, R. H. (1986). Cardiovascular responses in Type A and Type B men to a series of stressors. (Vols. 9). (1), pp. 43-49. *Journal of Behavioral Medicine*.
10. Chesney, M. A., Black, G. W., Swan, G. E. & **Ward, M. M.** (1987). Relaxation training for essential hypertension at the work site. The untreated mild hypertensive. (Vols. 49). (3), pp. 250-263. *Psychosomatic Medicine*.
11. Rosenman, R. H. & **Ward, M. M.** (1988). The changing concept of cardiovascular reactivity. (Vols. 4). pp. 241-251. *Stress Medicine*.
12. Carmelli, D., **Ward, M. M.**, Reid, T., Grim, C. E., Harshfield, G. A. & Fabsitz, R. R. (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, N. L., Hall, S. M., Klesges, R. C., Leischow, S., Levis, E. D., Perkins, K. A., Spring, B., Stitzer, M., **Ward, M. M.**, Winders, S., Wood, P., Woods, M. N., Isbell, T. & Klem, M. L. (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, G. E., **Ward, M. M.**, Jack, L. M. & Javitz, H. (1993). Cardiovascular reactivity as a predictor of relapse in male and female smokers. *Health Psychology* 12 (6) 451-458.
15. Swan, G. E., **Ward, M. M.**, Carmelli, D. & Jack, L. M. (1993). Differential rates of relapse in subgroups of male and female smokers. *Journal of Clinical Epidemiology* 46 (9) 1041-1053.
16. Turner, J. R., **Ward, M. M.**, Gellman, J. D., Johnston, D. W., Light, K. C. & Van Doornen, L. P. (1994). The relationship between laboratory and ambulatory cardiovascular activity: Current evidence and future directions. *Annals of Behavioral Medicine* 16 (1) 3-11.

17. **Ward, M. M.**, Swan, G. E., Jack, L. M. & Javitz, H. S. (1994). Effect of smoking cessation and relapse on cardiovascular levels and reactivity. *Psychopharmacology* 114 147-154.
18. **Ward, M. M.**, Turner, J. R. & Johnston, D. W. (1994). Temporal stability of ambulatory cardiovascular monitoring. *Annals of Behavioral Medicine* 16 (1) 12-23.
19. **Ward, M. M.**, Swan, G. E., Jack, L. M., Javitz, H. S. & Hodgkin, J. E. (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, G. E., **Ward, M. M.** & Jack, L. M. (1996). Abstinence effects as predictors of 28 day relapse in smokers. *Addictive Behaviors* 21 481-490.
21. Swan, G. E., Jack, L. M. & **Ward, M. M.** (1997). Subgroups of smokers with different success rates after use of transdermal nicotine. *Addiction* 92 207-218.
22. Javitz, H. S., **Ward, M. M.** & Martens, L. (1998). Major costs associated with pressure sores. *Journal of Wound Care* 7 286-290.
23. **Ward, M. M.**, Javitz, H. S. & Yelin, E. (2000). The cost of illness of rheumatoid arthritis. *Value in Health* 3 243-252.
24. Borders, T. F., Rohrer, J. E., Hilsenrath, P. E. & **Ward, M. M.** (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.
25. **Ward, M. M.**, Javitz, H. S., Smith, W. M. & 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.
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1. Jensen, R. A., **Ward, M. M.**, Halualani, R. & Janshekar, H. (1992). Positioning study for a new CNS agent. (November 25) Final report to Bayer AG.
2. Javitz, H. S., Smith, W. M. & **Ward, M. M.** (1994). A randomized double blind health economics evaluation of a new treatment of acute coronary ischemic syndromes. (March 15) Protocol submitted to Merck.
3. **Ward, M. M.**, Pryor, G. T. & McGregor, J. T. (1994). Technical evaluation of EGIS-5810. (September 15) Final report prepared for EGIS Pharmaceuticals Ltd.
4. **Ward, M. M.**, Javitz, H. S. & Smith, W. M. (1994). Depression treatment and outcomes map literature review. (July 29) Final report submitted to Pfizer Inc.
5. Pryor, G. T. & **Ward, M. M.** (1994). Technical evaluation of EGIS-3886. (August 24) Final report prepared for EGIS Pharmaceuticals Ltd.
6. **Ward, M. M.** (1995). Obsessive compulsive disorder literature review. (August 13) Pfizer Inc.

7. Javitz, H. S., **Ward, M. M.** & Yelin, E. H. (1995). Analysis of the cost of illness of rheumatoid arthritis. (July 28) Pfizer Inc.
8. **Ward, M. M.** & Shah, A. S. (1995). Nanolymph: Keys to clinical acceptance. (December 28) Nycomed Inc.
9. **Ward, M. M.** (1995). Disease management opportunities for cardiovascular disease. (June 12) Medco Containment Services Inc.
10. Lee, L. K., **Ward, M. M.**, Javitz, H. S. & Smith, W. M. (1996). Analysis of primary sources of payment for medical care for chronic obstructive pulmonary disease. (February 16) SmithKline Beecham Pharmaceuticals.
11. Smith, W. M., Javitz, H. S. & **Ward, M. M.** (1996). Economic consequences of a newly developed drug for chronic obstructive pulmonary disease. (June 27) SmithKline Beecham Pharmaceuticals.
12. Humphrey, D. C., Powell, J., Young, V. M., Schields, P. M. & **Ward, M. M.** (1996). Strategic plan for the Delantoni Trust. (December) John H. Delantoni Trust.
13. **Ward, M.**, Lee, L. K., Javitz, H. S. & Smith, W. M. (1996). Cost of illness analysis of chronic obstructive pulmonary disease. (June 26) SmithKline Beecham Pharmaceuticals.
14. Javitz, H. S. & **Ward, M. M.** (1996). Obsessive compulsive disorder: Results of the literature review, innovation workshop, and computer simulations. (June 1) Pfizer Inc.
15. McDermott, J., **Ward, M. M.** & Bertetti, S. (1996). Franchise opportunities and pipeline assessment for a new schizophrenia drug. (August) Janssen Pharmaceutica.
16. Javitz, H. S. & **Ward, M. M.** (1996). Pressure ulcers in the bedridden: Identification of major cost drivers. (October 3) Johnson and Johnson.
17. **Ward, M. M.**, Lee, L. K., Javitz, H. S. & Smith, W. M. (1997). Analysis of lost income and activity limitation implications of COPD. (June 8) SmithKline Beecham Pharmaceuticals.
18. McDermott, J., Creech, T. & **Ward, M. M.** (1997). Clinical practice guidelines and their implications for anti-infectives. (March) Pfizer Inc.
19. Javitz, H. S., **Ward, M. M.**, Farber, E. & Nall, L. (1998). Cost of illness analysis of psoriasis. (November 9) SmithKline Beecham Pharmaceuticals.
20. Javitz, H. S. & **Ward, M. M.** (1999). Value of pharmaceuticals: Value of antimicrobials and vaccines in the prevention and treatment of bacterial pneumonia. (June 23) Pharmaceutical Research and Manufacturers of America.
21. Javitz, H. S. & **Ward, M. M.** (1999). Value of pharmaceuticals: Value of antimicrobials in the prevention and treatment of tuberculosis. (May 26) Pharmaceutical Research and Manufacturers of American.
22. Anderson, R., **Ward, M.** & Greene, B. (2002). An assessment of the mental health treatment within the Iowa Department of Corrections. *Iowa Department of Corrections (April 10)*.
23. Javitz, H. S. & **Ward, M. M.** (2003). Cost-of-illness of stable angina and coronary heart disease. (December 19) CV Therapeutics.
24. Bahensky, J. A. & **Ward, M. M.** (2008). Electronic medical record effectiveness. (January 20) Iowa Medicaid Enterprise.
25. **Ward, M. M.**, Ullrich, F. & Mueller, K. J. (2014). Extent of telehealth use in rural and urban hospitals. (Vols. 2014-4). RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief.
26. Merchant, K., **Ward, M. M.**, MacKinney, C. & Mueller, K. (2014). South Dakota Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation.
27. Merchant, K., **Ward, M.**, MacKinney, C. & Mueller, K. (2014). North Dakota Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation.
28. Merchant, K., **Ward, M. M.** & Mueller, K. (2015). Hospital views of barriers to telemedicine adoption. (Vols. 2015-5). RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief.
29. Weigel, P., Ullrich, F., **Ward, M.** & Mueller, K. (2015). Surgical services in critical access hospitals. (Vols. 2015-2). RUPRI Center for Rural Health Policy Analysis - Rural Policy Brief.
30. Merchant, K., **Ward, M.**, MacKinney, C. & Mueller, K. (2015). Wyoming Mission: Lifeline STEMI System of Care. Qualitative Program Evaluation.

31. 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. September 2016.
32. Mohr NM, Skow B, Wittrock A, Bell A, McDanel J, Fuller BM, Simpson S, **Ward MM**. (2017). Improving access to high quality sepsis care in a South Dakota emergency telemedicine network. RTRC Research & Policy Brief. August 2017.
33. **Ward MM**, Fox K, Merchant K, Burgess A, Ullrich F, Pearson K, Shaler G, Shea C, North S, Mena C. (2020). Process of identifying measures and data elements for the HRSA School-Based Telehealth Network Grant Program. RTRC Research & Policy Brief. May 2020.
34. **Ward MM**, Ullrich F, Merchant KAS, Mohr NM, Weigel P, MacKinney AC, Heppner S. (2020). Identifying measures and data elements for the HRSA Evidence-Based Tele-Emergency Network Grant Program. RTRC Research & Policy Brief. March 2020.
35. **Ward MM**, Fox K, Merchant K, Burgess A, Ullrich F, Parenteau L, Talbot J, Pearson K, Mackenzie J, Wiggins W, Miller S. (2020). Measure and data element identification for the HRSA Evidence-Based Tele-Behavioral Health Network Program and the HRSA Substance Abuse Treatment Telehealth Network Grant Program. RTRC Research & Policy Brief. April 2020
36. **Ward MM**, Carter KD, Ullrich F, Merchant KAS. (2021). Using CPT Charges as an Economic Proxy for Telehealth and Non-telehealth Emergency Department Utilization. RTRC Research & Policy Brief. November 2021
37. **Ward MM**, Merchant, K, Ullrich F, Zahnd W, Wiggins W, Kolar S, Cope J. (2023). Data Element Identification and Data Collection Procedures for the HRSA Direct-to-Consumer Evidence Based Telehealth Network Program. RTRC Research & Policy Brief. October 2023.
38. Lavin L, Gibbs H, Ternes S, Healy HS, Vakkalanka JP, Merchant KAS, **Ward MM**, Mohr NM. The Effect of Telehealth on Cost of Health Care during the COVID-19 Pandemic: An Updated Systematic Review. RTRC Research & Policy Brief. November 2024.
39. Vakkalanka JP, Gadag K, Lavin L, Ternes S, Healy HS, Merchant KAS, **Ward MM**, Mohr NM, MD. (2024). Telehealth Use and Health Equity for Mental Health and Substance Use Disorder During the COVID-19 Pandemic: An Updated Systematic Review. RTRC Research & Policy Brief. April 2024.
40. Mohr NM, Ternes S, Lavin L, Healy HS, Merchant KAS, **Ward MM**, Vakkalanka JP. (2024). Increasing Telehealth Use during the COVID-19 Public Health Emergency and Healthcare Disparities: An Updated Systematic Review. RTRC Research & Policy Brief. May 2024
41. Vakkalanka JP, Young T, Carter KD, Ullrich F, **Ward MM**, Mohr NM. State-Level Interstate Medical Licensure Policies for Telehealth from 2018-2022: Assessing Changes Before and After the Onset of the COVID-19 Public Health Emergency. RTRC Research & Policy Brief. June 2025.

## Research Interests/Current Projects

- Implementation Science Evaluation
- Telemedicine/Telehealth
- Rural Healthcare Delivery
- Identifying Evidence-Based Measures for Telehealth

## Grants and Contracts

### Active (Funded)

1. Epidemiological Analysis of Type A Behavior; NIMH; Ward, Marcia M (Co-Investigator), Chesney, Margaret (Principal Investigator)
  - MH31269
  - 1978 - 1983
  - Amount: \$770,924.00, 20% effort

2. Twin Study Follow-up Examination; NHLBI; Ward, Marcia M (Co-Investigator), Carmelli, Dorit (Principal Investigator)
  - HL92931
  - 1979 - 1984
  - Amount: \$202,506.00, 10% effort
3. Type A Behavior: Cardiovascular and Nonverbal Components; NHLBI; Ward, Marcia M (Co-Investigator), Chesney, Margaret (Principal Investigator)
  - HL26042
  - 1980 - 1984
  - Amount: \$97,291.00, 10% effort
4. Cardiovascular Activity Monitoring for Polygraph Examination; US Department of Justice; Ward, Marcia M (Co-Investigator), Eckerle, Joseph (Principal Investigator)
  - J-FBI-82-108
  - 1982 - 1984
  - Amount: \$181,000.00, 10% effort
5. Catecholamines and Coping in Normotensives and Hypertensives; NHLBI First Award; Ward, Marcia M (Principal Investigator)
  - HL28795
  - 1982 - 1984
  - Amount: \$74,956.00, 30% effort
6. Workload and Cardiovascular Responses; NASA Contract; Ward, Marcia M (Principal Investigator)
  - 1984 - 1986
  - Amount: \$49,735.00, 10% effort
7. Behavioral Interventions for Mild Hypertension; NHLBI; Ward, Marcia M (Co-Investigator), Chesney, Margaret (Principal Investigator)
  - HL24416
  - 1980 - 1987
  - Amount: \$1,053,035.00, 20% effort
8. NHLBI Twin Study Third Examination; NHLBI; Ward, Marcia M (Co-Investigator), Carmelli, Dorit (Principal Investigator)
  - HC55029
  - 1985 - 1987
  - Amount: \$87,849.00
9. Phase IV Clinical Trial of Antihypertensive Medication Effects on Blood Pressure, Cognition, and Behavior; Ciba Geigy; Ward, Marcia M (Director), Rosenman, Ray H (Principal Investigator)
  - 1985 - 1987
  - Amount: \$75,000.00, 30% effort
10. Phase IV Clinical Trial of Antihypertensive Medications Using Ambulatory Blood Pressure Monitoring; Boehringer Ingleheim; Ward, Marcia M (Director), Rosenman, Ray (Principal Investigator)
  - 1985 - 1987
  - Amount: \$75,000.00, 30% effort
11. Biological and Behavioral Factors in Smoking Relapse; NHLBI; Ward, Marcia M (Co-Principal), Swan, Gary E (Principal Investigator)
  - HL39225
  - 1987 - 1990

- Amount: \$432,319.00, 10% effort
12. Stability of Ambulatory Monitoring in the Lab and Field; NHLBI; Ward, Marcia M (Principal Investigator)
    - HL41635
    - 1988 - 1991
    - Amount: \$313,594.00, 50% effort
  13. Laboratory and Ambulatory Assessment of Smoking Withdrawal; Tobacco-Related Disease Research Programs of the University of California; Ward, Marcia M (Principal Investigator)
    - 1RT547
    - 1990 - 1992
    - Amount: \$319,627.00, 50% effort
  14. Positioning Study for a New CNS Agent in the U.S. and Europe; Bayer A.G.; Ward, Marcia M (Co-Principal), Jensen, Richard (Co-Principal)
    - 1991 - 1992
    - Amount: \$110,000.00, 15% effort
  15. Protocol Development to Determine the Cost Effectiveness of a New Agent for Unstable Angina in the U.S., Canada, and Eight European Countries; Merck; Ward, Marcia M (Co-Investigator), McFate Smith, W (Principal Investigator)
    - 1993
    - Amount: \$56,000.00, 5% effort
  16. Weight Gain as a Predictor of Smoking Relapse; Tobacco-Related Disease Research Programs of the University of California; Ward, Marcia M (Principal Investigator)
    - 3RT376
    - 1992 - 1994
    - Amount: \$477,470.00, 35% effort
  17. Technical and Market Evaluation of Two Novel Serotonergic/Dopaminergic Modulators; EGIS Pharmaceuticals, Ltd.; Ward, Marcia M (Principal Investigator)
    - 1994
    - Amount: \$19,997.00, 5% effort
  18. Creation of a Disease Pathway Model for Major Depressive Disorder; Pfizer Pharmaceuticals; Ward, Marcia M (Co-Principal), Javitz, Harold S (Principal Investigator)
    - 1994 - 1995
    - Amount: \$202,748.00, 10% effort
  19. Determination of the Cost of Illness of Rheumatoid Arthritis; Pfizer Pharmaceuticals; Ward, Marcia M (Principal Investigator)
    - 1994 - 1995
    - Amount: \$119,503.00, 20% effort
  20. Evaluation of Outcomes and Savings from Disease Management Opportunities in Cardiovascular Diseases; Medco Containment Services, Inc.; Ward, Marcia M (Co-Principal), McFate Smith, W (Principal Investigator)
    - 1995
    - Amount: \$75,336.00, 10% effort
  21. Identification of Factors Involved in the Clinical Acceptance of a Novel CT-Scan Contrast Agent; Nycomed, Inc.; Ward, Marcia M (Principal Investigator)
    - 1995

- Amount: \$71,604.00, 10% effort
22. Cost-Effectiveness Analysis of Antidepressants in a Usual Care Trial in an HMO; Eli Lilly; Ward, Marcia M (Director), McFate Smith, W (Principal Investigator)
    - 1992 - 1996
    - Amount: \$153,285.00, 10% effort
  23. Evaluation of the Economic Potential of a New Drug for Chronic Obstructive Pulmonary Disease (COPD); SmithKline Beecham Pharmaceuticals; Ward, Marcia M (Co-Investigator), McFate Smith, W (Principal Investigator)
    - 1995 - 1996
    - Amount: \$87,000.00, 10% effort
  24. Innovation Workshop and Modeling of Disease Pathways for Obsessive-Compulsive Disorder; Pfizer Inc; Ward, Marcia M (Co-Principal), Javitz, Harold S (Principal Investigator)
    - 1995 - 1996
    - Amount: \$258,696.00, 20% effort
  25. Feasibility Study of a Usual Care Trial of Antihypertensives in Managed Care Organizations; Novartis; Ward, Marcia M (Co-Investigator), McFate Smith, W (Principal Investigator)
    - 1996
    - Amount: \$35,000.00, 5% effort
  26. Identification of Cost Drivers for Care of Skin Ulcers; Johnson & Johnson; Ward, Marcia M (Co-Investigator), Javitz, Harold S (Principal Investigator)
    - 1996
    - Amount: \$31,000.00, 5% effort
  27. Identification of New Approaches to the Treatment of Alcoholism; John H. Delantoni Trust; Ward, Marcia M (Collaborator), Humphrey, Daniel C (Principal Investigator)
    - 1996
    - Amount: \$21,500.00, 5% effort
  28. Pipeline Assessment and Development of a Franchise Strategy for an Antipsychotic Drug; Janssen Pharmaceutica; Ward, Marcia M (Collaborator), McDermott, James (Principal Investigator)
    - 1996
    - Amount: \$41,672.00, 5% effort
  29. Ambulatory Blood Pressure and Cognition in the Elderly; NIA; Ward, Marcia M (Co-Investigator), Swan, Gary E (Principal Investigator)
    - AG09341
    - 1995 - 1997
    - Amount: \$944,041.00, 10% effort
  30. Evaluation of Patient Satisfaction with Pharmacotherapy for Benign Prostatic Hyperplasia; Pfizer Pharmaceuticals; Ward, Marcia M (Co-Principal), Javitz, Harold S (Principal Investigator)
    - 1996 - 1997
    - Amount: \$13,098.00, 5% effort
  31. Design and Analysis Consultation on a Usual Care Trial Comparing Treatments for Noninsulin-Dependent Diabetes Mellitus; Pfizer Inc; Ward, Marcia M (Co-Investigator), Javitz, Harold S (Principal Investigator)
    - 1997
    - Amount: \$56,000.00, 5% effort

32. Effect of Brand-to-Generic Switch on Prescribing Practices of a Class of Antihypertensives; Pfizer Inc; Ward, Marcia M (Collaborator), Perri, Jackie (Principal Investigator)
  - 1997
  - Amount: \$12,000.00, 5% effort
33. Evaluation of the Impact of Practice Guidelines for Infectious Diseases; Pfizer Inc; Ward, Marcia M (Collaborator), McDermott, James (Principal Investigator)
  - 1997
  - Amount: \$22,794.00, 5% effort
34. Identification of the Cost of Treatment of Psoriasis; SmithKline Beecham; Ward, Marcia M (Co-Investigator), Javitz, Harold S (Principal Investigator)
  - 1997 - 1998
  - Amount: \$10,000.00, 2% effort
35. Treatment of Nicotine Dependence in an HMO Setting; NCI; Ward, Marcia M (Co-Principal), Swan, Gary E (Principal Investigator)
  - CA71358
  - 1996 - 1999
  - Amount: \$1,253,807.00, 15% effort
36. Phase III Clinical Trial of a New Pharmacotherapy for Alcoholism; Lipha Pharmaceuticals; Ward, Marcia M (Director), Pfefferbaum, Adolf (Principal Investigator)
  - 1997 - 1999
  - Amount: \$180,000.00, 10% effort
37. Development of a Model of the Benefit of Pharmaceuticals; Pharmaceutical Manufacturers Research Association; Ward, Marcia M (Collaborator), Javitz, Harold S (Principal Investigator)
  - 1998 - 1999
  - Amount: \$10,000.00, 2% effort
38. Preparation on Three Manuscripts on the Cost of Illness of COPD; SmithKline Beecham; Ward, Marcia M (Principal Investigator)
  - 1998 - 1999
  - Amount: \$24,000.00, 5% effort
39. Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation; Robert Wood Johnson Foundation; Ward, Marcia M (Principal Investigator)
  - 1998 - 2000
  - Amount: \$345,597.00, 30% effort
40. An Assessment of the Mental/Behavioral Health Needs and Services within the Iowa Department of Corrections; Iowa DOC; Ward, Marcia M (Co-Investigator), Anderson, Rachel (Principal Investigator)
  - 2001 - 2002
  - Amount: \$95,378.00, 7% effort
41. Determinants of Clinical Guidelines Implementation Effectiveness; Department of Veterans Affairs; Ward, Marcia M (Co-Investigator), Doebbeling, Bradley (Principal Investigator)
  - 1999 - 2003
  - Amount: \$750,000.00, 12% effort
42. Epidemiology and Control of Antimicrobial Resistance in Hospitals; Department of Veterans Affairs; Ward, Marcia M (Co-Investigator), Doebbeling, Bradley (Principal Investigator)
  - 1999 - 2003

- Amount: \$750,000.00, 10% effort
43. Improving the Research Infrastructure of FM and GIM; HRSA; Ward, Marcia M (Consultant), Johnson, Cynda (Principal Investigator)
    - 2000 - 2003
    - Amount: \$250,000.00, 5% effort
  44. Evaluation of the Implications of Implementing the Leapfrog Group's Patient Safety Standards in Iowa Hospitals; Iowa Department of Public Health/CDC; Ward, Marcia M (Co-Principal), Wakefield, Douglas (Principal Investigator)
    - 2002 - 2003
    - Amount: \$99,980.00, 10% effort
  45. Intervention for Pregnant Smokers; Iowa Attorney General; Ward, Marcia M (Co-Investigator), Lowe, John (Principal Investigator)
    - 2001 - 2004
    - Amount: \$350,000.00, 10% effort
  46. Cost-of-Illness Analysis of Stable Angina in the U.S.; CV Therapeutics; Ward, Marcia M (Principal Investigator)
    - 2003 - 2004
    - Amount: \$52,000.00, 20% effort
  47. Enhancing Performance on CMS Hospital Quality Indicators; VHA Upper Midwest; Ward, Marcia M (Principal Investigator)
    - 2004 - 2005
    - Amount: \$3,000.00, 1% effort
  48. Center for Research in the Implementation of Innovative Strategies in Practice (CRIISP); Veterans Administration Health Services Research and Development; Ward, Marcia M (Supporting), Rosenthal, Gary (Principal Investigator)
    - 2004 - 2007
    - Amount: \$1,500,000.00, 62% effort
  49. Rural Iowa Redesign of Care Delivery with EHR Functions; Mercy North Iowa and Trinity Health; Ward, Marcia M (Principal Investigator), Wakefield, Douglas S (Principal Investigator)
    - 2004 - 2007
    - Amount: \$344,680.00, 15% effort
  50. Health Information Technology Value in Rural Hospitals; Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator)
    - 2004 - 2008
    - Amount: \$891,955.00, 30% effort
  51. AHRQ Safety and Quality Indicators; Iowa Healthcare Collaborative; Ward, Marcia M (Principal Investigator)
    - 2005 - 2008
    - Amount: \$75,000.00, 5% effort
  52. Collaborative EHR Implementation to Bridge the Continuum of Care in Rural Iowa; Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator), O'Brien, John (Principal Investigator)
    - 2006 - 2009
    - Amount: \$1,474,176.00, 15% effort

53. Reducing Hospital Acquired Infections (HAI); Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator)
  - 2007 - 2009
  - Amount: \$399,905.00, 10% effort
54. TeamSTEPPS: Adoption in ACTION; Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator)
  - 2007 - 2009
  - Amount: \$249,994.00, 5% effort
55. ACTION - Accelerating Changes and Transformation in Organizations and Networks; Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator)
  - 2006 - 2013
  - 0% effort
56. ASCO Study of Geographical Access to Oncology Care; American Society of Clinical Oncology; Ward, Marcia M (Principal Investigator)
  - 2010 - 2013
  - Amount: \$225,832.00, 20% effort
57. Optimizing Pre-Operative Antibiotics; Agency for Healthcare Research and Quality; Ward, Marcia M (Co-Investigator), Herwaldt, Loreen (Principal Investigator)
  - 2010 - 2013
  - Amount: \$455,935.00, 5% effort
58. Upper Midwest Preparedness and Emergency Response Learning Center; Centers for Disease Control and Prevention; Ward, Marcia M (Co-Investigator), Uden-Holman, Tanya M (Principal Investigator)
  - 2010 - 2013
  - Amount: \$4,688,285.00, 10% effort
59. Upper Midwest Public Health Training Center; HRSA; Ward, Marcia M (Co-Investigator), Uden-Holman, Tanya M (Principal Investigator)
  - 2011 - 2013
  - Amount: \$2,600,000.00, 10% effort
60. Program Evaluation of AHA's STEMI Program in South Dakota; American Heart Association - Midwest Affiliate; Ward, Marcia M (Principal Investigator)
  - Dec 2012 - Mar 2014
  - Amount: \$150,000.00, 15% effort
61. Program Evaluation of AHA's STEMI Program in North Dakota; American Heart Association - Midwest Affiliate; Ward, Marcia M (Principal Investigator)
  - Mar 2012 - Aug 2014
  - Amount: \$110,000.00, 10% effort
62. Evaluation of TeamSTEPPS Training for Iowa CAHs; Telligen; Ward, Marcia M (Principal Investigator)
  - Jul 2012 - Sep 2014
  - Amount: \$20,000.00, 5% effort
63. Assessing the Impact of e-Health Services in Rural Settings; Helmsley Charitable Trust; Ward, Marcia M (Principal Investigator)
  - Jan 2011 - Dec 2014
  - Amount: \$987,791.00, 25% effort

64. Program Evaluation of AHA's STEMI Program in Wyoming; American Heart Association - Southwest Affiliate; Ward, Marcia M (Principal Investigator)
  - Jul 2013 - Jun 2015
  - Amount: \$130,000.00, 10% effort
65. Rural Health Systems Analysis and Technical Assistance; USDHHS - FORHP; Ward, Marcia M (Co-Investigator), Mueller, Keith J (Principal Investigator)
  - Oct 2012 - Sep 2015
  - Amount: \$1,800,000.00, 10% effort
66. Developing Outcome Measures and Associated Data Elements for Emergency Medical Services Using Telehealth Technology; USDHHS - FORHP; Ward, Marcia M (Principal Investigator)
  - HSH250201300081
  - Oct 2014 - Dec 2015
  - Amount: \$82,020.00, 15% effort
67. Program Evaluation of AHA's STEMI Program in Minnesota; American Heart Association - Midwest Affiliate; Ward, Marcia M (Principal Investigator)
  - Jul 2013 - Mar 2016
  - Amount: \$170,000.00, 10% effort
68. Evaluation of TeamSTEPPS Implementation for Community Hospital Patient Safety; Agency for Healthcare Research and Quality; Ward, Marcia M (Principal Investigator)
  - 5R18HS018396-05
  - Sep 2010 - Aug 2016
  - Amount: \$1,692,436.00, 30% effort
69. Rural Health Research Center - Cooperative Agreement Program; USDHHS - FORHP; Ward, Marcia M (Co-Investigator), Mueller, Keith J (Principal Investigator)
  - 5 U1 CRH20419-02
  - Sep 2012 - Aug 2016
  - Amount: \$2,640,000.00, 10% effort
70. Avera EB TNGP Evaluation; Avera Health; Ward, Marcia M (Principal Investigator)
  - G01RH27868
  - Sep 2016 - Aug 2019
  - Amount: \$468,714.00, 20% effort
71. Rural Telehealth Research Center; USDHHS - FORHP; Ward, Marcia M (Principal Investigator)
  - 6 U1CRH29074-0101
  - Sep 1, 2015 - Aug 31, 2020
  - Amount: \$3,000,000.00, 25% effort
  - Total Amount Requested: \$3,000,000.00
72. Avera Helmsley eBehavioral Health; Avera Health; Ward, Marcia M (Principal Investigator)
  - I408300-CG
  - Oct 1, 2018 - Sep 30, 2022
  - Amount: \$450,000.00, 20% effort
73. Rural Telehealth Research Center; USDHHS-HRSA; Ward, Marcia M (Principal Investigator initially; Co-Investigator currently)
  - 6 U1CRH11318800
  - Sep 1, 2020 - Aug 31, 2025
  - Amount: \$3,800,000.00, 25% effort

74. Remote care and Telehealth Research Center; USDHHS-HRSA; Mohr, Nicholas (Principal Investigator)

- 6 U1CRH29074-0101
- Sep 1, 2025 - Aug 31, 2030
- Direct Cost: \$775,000.00, 20% effort

## Presentations

### Invited Lectures

- 2004 Ward, M. M. Leapfrog Group Standards: Implications for Iowa. Presented at Iowa Hospital Association.
- 2005 Ward, M. M. AHRQ Quality Indicators for Iowa Hospitals. Presented at Iowa Healthcare Collaborative.
- 2005 Ward, M. M. Information Technology Capacity in Iowa's Hospitals. Presented at Iowa Health Information Management Systems Society, Des Moines, Iowa.
- 2005 Ward, M. M. IT Capability in Iowa's Critical Access Hospitals. Presented at Iowa CAH Users Group, Des Moines, Iowa.
- 2005 Ward, M. M. Leapfrog Group Standards: Implications for Iowa. Presented at Iowa Healthcare Buyers Alliance.
- 2005 Ward, M. M. Physician Adherence to Diabetes Management Guidelines: Roles of Organizational and Population Characteristics. Presented at University of Pittsburgh School of Nursing, Pittsburgh, Pennsylvania.
- 2005 Ward, M. M. Severity (Risk) Adjustment is Necessary, But Not Sufficient. Presented at Iowa Healthcare Buyers Alliance.
- 2006 Ward, M. M. Rural Versus Urban AMI Mortality. Presented at IHA 2006 Critical Access Hospital Forum, Des Moines, Iowa.
- 2006 Ward, M. M. Taking the Pulse of Medicare and Medicaid. Presented at CPH Community Outreach Series, Des Moines, Iowa.
- 2006 Ward, M. M. AHRQ Health Information Technology Survey Results. Presented at Iowa CAH User Group, Des Moines, Iowa.
- 2006 Ward, M. M. Analysis of AHRQ Quality Indicators in Iowa Hospitals. Presented at Agency for Healthcare Research and Quality, Rockville, Maryland.
- 2006 Ward, M. M. Effect of Critical Access Hospital Conversion on Patient Safety in Iowa Rural Hospitals. Presented at Iowa CAH User Group, Des Moines, Iowa.
- 2006 Ward, M. M. HIT Survey of Iowa Hospitals. Presented at IHA Council on Membership Services, Des Moines, Iowa.
- 2006 Ward, M. M. HIT, Patient Safety, and Quality in Iowa Hospitals. Presented at Iowa Medical Society Public Health Council, Iowa City, Iowa.
- 2006 Ward, M. M. IHC Data Workgroup. Presented at Iowa Healthcare Collaborative, Des Moines, Iowa.
- 2006 Ward, M. M. IT Capacity in Iowa's Critical Access Hospitals. Presented at Iowa CAH User Group, Des Moines, Iowa.

- Oct 2006 Li, P., Schneider, J. E. & Ward, M. M. Effect of Critical Access Hospital Conversion on Patient Safety. Presented at Iowa Critical Access Hospital Peer User Group Meeting, Des Moines, Iowa.
- May 2007 Ward, M. M. Analysis of Quality Indicators for Iowa Hospitals. Presented at Iowa Medical Society Public Health Council, Iowa City, Iowa.
- 2008 Ward, M. M. CAH Strategies for Addressing IT Needs. Presented at Iowa CAH HIT Interest Group, West Des Moines, Iowa.
- Mar 2008 Ward, M. M. Iowa Rural Hospital Conversion to CAH from 1997 to 2006: Factors and Effects. Presented at Iowa Hospital Association CAH Forum, Johnston, Iowa.
- Jul 2008 Ward, M. M. Rural Hospital IT Implementation and Other Efforts to Enhance Patient Quality and Safety. Presented at UIHC Rural Health Scholars Summer Research Forum, Iowa City, Iowa.
- Mar 2009 Ward, M. M. Lessons Learned in Implementing Organizational Change with TeamSTEPPS. Presented at Iowa Hospital Association Annual Meeting, Des Moines, Iowa.
- Nov 2010 Ward, M. M. Analyses Using AHRQ Data and Tools to Examine Hospital Patient Safety. Presented at National School of Public Health, New University of Lisbon, Lisbon, Portugal.
- May 2011 Ward, M. M. Organizational Factors affecting Hospital quality and Patient Safety. Presented at National School of Public Health, New University of Lisbon, Lisbon, Portugal.
- Mar 2012 Ward, M. M. Implementation of TeamSTEPPS: Lessons Learned from Iowa Critical Access Hospitals. Presented at Critical Access and Rural Hospital Forum, Iowa Hospital Association, Des Moines, Iowa.
- Apr 2012 Ward, M. M. Implementation of TeamSTEPPS in Iowa Critical Access Hospitals. Presented at MBQIP Workshop, IDPH FLEX - Telligan, Des Moines, Iowa.
- Jun 2012 Ward, M. M. Team Training to Improve Healthcare Quality and Safety. Presented at National School of Public Health, New University of Lisbon, Lisbon, Portugal.
- Jul 2012 Ward, M. M. Quality Improvement Lessons Learned from TeamSTEPPS. Presented at CAH QI Coordinator Meeting, IDPH FLEX - Telligan, Des Moines, Iowa.
- Feb 2013 Ward, M. M. Geographic Access to Oncology Care. Presented at National School of Public Health, New University of Lisbon, Lisbon, Portugal.
- Apr 2013 Ward, M. M. TeamSTEPPS in Iowa CAHs: Who Makes It Happen?. Presented at CAH QIC Coordinator Meeting, IDPH, Des Moines, Iowa.
- Apr 2014 Ward, M. M. TeamSTEPPS in Iowa CAHs: Importance of Preparedness. Presented at CAH QIC Coordinator Meeting, IDPH, Des Moines, Iowa.
- Oct 2014 Ward, M. M., Mueller, K. J., Potter, A. J. & MacKinney, A. C. Innovations in Telemedicine: Use of Tele-Emergency to Enhance Coordination of Care. Presented at American College of Emergency Physicians Annual Meeting, Chicago, Illinois.
- Dec 2014 Ward, M. M. Program, Qualitative, and Mixed-Methods Evaluation. Presented at University of Iowa Hospitals and Clinics, Leadership Academy, Coralville, Iowa.
- Dec 2015 Ward, M. M. Program, Qualitative, and Mixed-Methods Evaluation. Presented at University of Iowa Hospitals and Clinics, Leadership Academy, Coralville, Iowa.

- 2016 Building a Broad-based Evidence Base for Tele-emergency Care: Efforts to Identify a Standardized Set of Outcome Measures. Presented at NRHA Rural Quality and Clinical Conference, National Rural Health Association, Oakland, California.
- 2016 Program, Qualitative, and Mixed-Methods Evaluation. Presented at Executive Leadership Academy, University of Iowa Hospitals and Clinics, Coralville, Iowa.
- Apr 2016 Ward, M. Innovating for Quality in Critical Access Hospitals. Presented at 4th Annual Quality Improvement and Patient Safety Symposium, University of Iowa Health Care, Iowa City.
- Mar 24, 2017 Ward, M. M. Telehealth in the Emergency Department: Applications, Utilization, and Effects. Presented at Health Systems Research Seminar Series, University of Ottawa, Ottawa, Canada.
- May 2017 Ward, M. M. Telehealth in the Emergency Department (TeleED): Services and Issues. Presented at Iowa Rural Health and Primary Care Advisory Committee, Iowa City, Iowa.
- Aug 2017 Ward, M. M. Telehealth in the Rural Emergency Department: Using Mixed Methods to Explore Benefits. Presented at Distinguished Faculty Lecture, College of Public Health, Iowa City, Iowa.
- Jul 2020 Ward, M. M. Contributing to the Telehealth Evidence Base to Inform Policy. WWAMI.
- Sep 2020 Ward, M. M. ED Telehealth and Access: Research across Six Tele-ED Networks. Presented at Society for Academic Emergency Medicine Consensus Conference 2020.
- Dec 2020 Ward, M. M. Quality Measures in Telehealth. Rural HIT Coalition.

Oral Presentations

- 1984 Ward, M. M. Constant Sampling of Plasma Epinephrine and Norepinephrine Responses to Stress. Presented at The Palo Alto Medical Foundation Research Institute.
- 1989 Ward, M. M. Ambulatory Blood Pressure and Heart Rate Monitoring. Presented at SRI International, Center for Health, Education, and Social Sciences Research.
- 1989 Ward, M. M. Cardiovascular Reactivity. Presented at SRI International, Engineering Division.
- 1989 Ward, M. M. Methods for Measuring Ambulatory Blood Pressure and Heart Rate in Men and Women. Presented at The Stanford Center for Research in Disease Prevention.
- 1989 Ward, M. M. Studies of Cardiovascular Reactivity. Presented at SRI International, Center for Health, Education, and Social Sciences Research.
- 1991 Ward, M. M. The Northern California Stop Smoking Study: A Progress Report. Presented at The Stanford Center for Research in Disease Prevention.
- 1994 Swan, G. E., Ward, M. M., Carmelli, D. & Jack, L. M. The Identification of Subgroups with Differential Rates of Relapse After the Cessation of Smoking: Implications for Alcohol Treatment Research. Presented at NIAAS Alcohol and Tobacco Research Meeting, San Diego, California.
- 1997 Ward, M. M. Cost of Illness Analysis: Methods and Applications. Presented at Graduate Program in Hospital and Health Administration, University of Iowa, Iowa City, Iowa.

- Oct 2006 James, P. A., Li, P. & Ward, M. M. Comparing Mortality Rates in Rural and Urban Hospitals for Patients with Myocardial Infarction: Rethinking Measures of Quality of Care. Presented at North American Primary Care Research Group (NAPCRG) Annual Meeting, Tucson, Arizona.
- Oct 2015 Ward, M. M., Jaana, M. & Natafji, N. Systematic Review of Telemedicine Applications in the Emergency Room. Presented at APHA 143rd Annual Meeting, American Public Health Association, Chicago, Illinois.
- Dec 2015 Baloh, J., Zhu, X. & Ward, M. M. Facilitation Activities of Critical Access Hospitals during TeamTEPPS Implementation. Presented at 8th Annual Conference on the Science of Dissemination and Implementation in Health, AcademyHealth, Washington DC, District of Columbia.
- Apr 4, 2017 Ward, M. M. Assessing Quality in Telehealth Initiatives. Presented at MATRC Summit 2017, Lansdowne, Virginia.
- Apr 5, 2017 Ward, M. M. Identifying Measures for Evaluating Telehealth. Presented at SEARCH Telehealth Research Symposium, Leesburg, Virginia.
- Apr 2018 Ward, M. M. Building the Telehealth Evidence Base: Collaborations across Research Grantees. Presented at American Telemedicine Association annual meeting, Chicago, Illinois.
- May 2018 Mohr, N. M. Telemedicine is Associated with Faster Diagnostic Testing for Rural ED Patients. Presented at Society for Academic Emergency Medicine annual meeting, Indianapolis, Indiana.
- Jun 2018 Natafji, N., Mohr, N. M., Wittrock, A., Bell, A. & Ward, M. M. Impact of Telemedicine on Emergency Department (ED) Disposition: A Pre-post Study Design of an ED-based Telemedicine Program in Critical Access Hospitals. Presented at Health Information Technology Interest Group, Academy Health, Washington, District of Columbia.
- Nov 2018 Natafji, N., Mohr, N. M., Wittrock, A., Bell, A. & Ward, M. M. Impact of Telemedicine on Emergency Department (ED) Disposition: A Pre-post Study Design of an ED-based Telemedicine Program in Critical Access Hospitals. Presented at American Public Health Association annual meeting, San Diego, California.
- Apr 2019 Ward, M. M. Identifying Measures to Build the Evidence Base for Telehealth. Presented at American Telemedicine Association annual meeting, New Orleans, Louisiana.
- May 2019 Zhu, X., Merchant, K., Mohr, N. M., Wittrock, A., Bell, A. & Ward, M. Continuing Professional Education in Rural Emergency Departments Using Telemedicine. Presented at Society for Academic Emergency Medicine annual meeting, Las Vegas, Nevada.
- May 2019 Vakkalanka, P., Harland, K., Wittrock, A., Schmidt, M., Mack, L., Nipe, M., Bell, A., Himadi, E., Ward, M. & Mohr, N. M. Telemedicine is Associated with Rapid Transfer and Few Involuntary Holds among Patients with Suicidal Ideation. Presented at Society for Academic Emergency Medicine annual meeting, Las Vegas, Nevada.

## Posters

- 1978 LeBaron, S., Feuerstein, M. & Ward, M. Neuropsychological Assessment of the Learning Disabled and Hyperactive Child. Presented at Annual Meeting, American Psychological Association, Toronto, Canada.

- 1979 Veith, J. L., Ward, M. M., Shulman, H. & Sandman, C. A. Effects of an ACTH 4-9 Analog on Human Attention and Memory. Presented at Annual Meeting, American Psychological Association, New York, New York.
- 1979 Swan, G. E., Chesney, M. A., Black, G. W., Ward, M. M. & Rosenman, R. H. Life Events—Physiological Relationships: Mediated by Coronary Prone Behavior?. Presented at Annual Meeting, American Psychological Association, New York, New York.
- 1979 Chesney, M. A., Ward, M. M., Black, G. W., Swan, G. E., Chadwick, J. H. & Rosenman, R. H. Type A/B and Environmental Control: Too Much or Too Little?. Presented at Annual Meeting, American Psychological Association, New York, New York.
- 1983 Ward, M. M., Parker, S. D., Chesney, M. A. & Mefford, I. N. Catecholamine Levels in Continuously Collected Plasma During Mental Arithmetic, Handgrip, and Cold Pressor. Presented at International Symposium on Catecholamines as Hormone Regulators, Indianapolis, Indiana.
- 1983 Ward, M. M., Mefford, I. N., Parker, S. D. & Chesney, M. A. Plasma Epinephrine and Norepinephrine Responses and Recovery to a Series of Stressors in Humans. Presented at Annual Meeting of the Western Psychological Association, San Francisco, California.
- 1983 Peters, J. T., Chesney, M. A., Black, G. W. & Ward, M. M. Social Interaction and Cardiovascular Reactivity of Type A and Type B Men. Presented at Annual Meeting of the American Psychological Association, Anaheim, California.
- 1984 Chesney, M. A., Carmelli, D., Ward, M. M. & Rosenman, R. H. Cardiovascular Stress Responses in Twins. Presented at Annual Meeting of the American Psychological Association, Toronto, Canada.
- 1985 Ward, M. M., Carmelli, D. & Welch, C. Ambulatory Blood Pressure and Heart Rate in Exercisers and Nonexercisers. Presented at Annual Meeting of the Society of Behavioral Medicine, New Orleans, Louisiana.
- 1985 Chesney, M. A., Ward, M. M. & Carmelli, D. Genetic Factors in Cardiovascular Reactivity to Stress. Presented at Annual Meeting of the Society of Behavioral Medicine, New Orleans, Louisiana.
- 1986 Ward, M. M., McElroy, M. R. & Rosenman, R. H. Comparison of Cardiovascular Responses to Caffeine Intake in the Laboratory and in the Natural Setting in Untreated Hypertensives. Presented at Annual Meeting of the Society of Behavioral Medicine, San Francisco, California.
- 1987 Thoresen, C. E., Eagleston, J. R., Thoresen, K. E. & Ward, M. M. Cardiovascular Reactivity in High and Low Type A Children and Adolescents. Presented at Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia.
- 1987 Rosenman, R. H., Ward, M. M., Blumlein, S. L., McElroy, M. R., Carmelli, D. & Swan, G. E. New Considerations, Concepts and Findings on Cardiovascular Reactivity. Presented at Mild-to-Moderate Hypertension: Clinical Issues and Therapeutic Options Symposium, Scottsdale, Arizona.
- 1988 Rosenman, R. H. & Ward, M. M. The Changing Concept of Cardiovascular Reactivity. Presented at Conference of the International Society for the Investigation of Stress, Munich, Germany.

- 1989 Carmelli, D., Ward, M., Reed, T., Harshfield, G., Grimm, C. & Christian, J. Blood Pressure and Heart Rate Reactivity in Adult Male Twins. Presented at 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology, Washington, District of Columbia.
- 1990 Ward, M. M., Swan, G. E. & Jack, L. M. Changes in Blood Pressure and Heart Rate Reactivity Following Smoking Cessation. Presented at Annual Meeting of the Society of Behavioral Medicine, Chicago, Illinois.
- 1991 Ward, M. M., Swan, G. E., Carmelli, D. & Denk, C. D. Components of Variation in Ambulatory Blood Pressure and Heart Rate Data: Theoretical and Conceptual Issues. Presented at Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia.
- 1991 Ward, M. M., Swan, G. E. & Jack, L. M. Correlates of Cardiovascular Reactivity During Cognitive Challenge in an Elderly Sample. Presented at Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia.
- 1991 Ward, M. M., Swan, G. E. & Jack, L. M. Correlates of Heart Rate Decline Following Smoking Cessation. Presented at Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia.
- 1991 Ward, M. M., Swan, G. E., Carmelli, D. & Jack, L. M. Early Weight Gain Following Smoking Cessation in Males and Females. Presented at Annual Meeting of the American Psychological Association, San Francisco, California.
- 1991 Swan, G. E., Ward, M. M., Carmelli, D. & Jack, L. Gender Differences in the Rate of Relapse Following Smoking Cessation. Presented at Annual Meeting of the American Psychological Association, San Francisco, California.
- 1991 Swan, G. E., Ward, M. M. & Jack, L. The Fagerstrom Tolerance Questionnaire: Psychometric findings. Presented at Annual Meeting of the Society of Behavioral Medicine, Washington, District of Columbia.
- 1993 Jack, L. M., Swan, G. E. & Ward, M. M. Changes in Smoking Patterns Following a Major Stressful Event: The Loma Prieta Earthquake. Presented at Annual Meeting of the Society of Behavioral Medicine, San Francisco, California.
- 1993 Ward, M. M., Swan, G. E. & Jack, L. M. Laboratory and Ambulatory Assessment of Smoking Withdrawal. Presented at Annual Meeting of the Tobacco Related Disease Research Program, San Francisco, California.
- 1993 Ward, M. M., Swan, G. E., Jack, L. M. & Javitz, H. S. Predictors of Relapse in the First Week After Smoking Cessation. Presented at Annual Meeting of the Society of Behavioral Medicine, San Francisco, California.
- 1998 Jack, L. M., Swan, G. E. & Ward, M. M. Change in Depression and Differing Rate of Success in Quitting Smoking. Presented at First International Meeting of the Society for Research on Nicotine and Tobacco, Copenhagen.
- 1998 Ward, M. M., Doebbeling, B. E., Vaughn, T. E. & Woolson, R. F. Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation. Presented at Robert Wood Johnson Foundation Substance Abuse Policy Investigator's Meeting, Charleston, South Carolina.
- 1998 Ward, M. M., Javitz, H. S., Smith, W. M., Bakst, A. & Orzolek, W. S. The Cost of Hospitalization for COPD: A Comparison of Three Methods of Attributing Cost by Diagnosis. Presented at Annual Meeting of the Association for Health Services Research, Washington, District of Columbia.

- 1999 Ward, M. M., Javitz, H. S., Smith, W. M., Bakst, A. & Orzolek, W. Direct Medical Cost of Chronic Obstructive Pulmonary Disease (COPD) Exceeds \$8 Billion in the United States. Presented at Annual Meeting of the American Thoracic Society, San Diego, California.
- 1999 Ward, M. M., Vaughn, T. E., Doebbeling, D. N., Jones, M. F., Woolson, R. F., Bross, D. S. & Branch, L. G. Effect of Smoking Cessation Guidelines on Provider Practice Patterns and Patient Outcomes. Presented at Annual Meeting of the Association for Health Services Research, Chicago, Illinois.
- 1999 Ward, M. M., Vaughn, T. E., Doebbeling, B. N., Woolson, R. F., Clarke, W. R. & Uden-Holman, T. Effectiveness of Clinical Practice Guideline Implementation on Smoking Cessation. Presented at Robert Wood Johnson Foundation Substance Abuse Policy Investigator's Meeting, Savannah, Georgia.
- 1999 Ward, M. M., Javitz, H. S., Smith, W. M., Bakst, A. & Orzolek, W. Cost of Hospitalizations for COPD is Higher When Allocation Approach Includes Relevant Co-morbidities. Presented at Annual Meeting of the American Thoracic Society, San Diego, California.
- 1999 Whan, M. A., Doebbeling, D. N., Vaughn, T. E., Hansen, M. D., Woolson, R. F., Ward, M. M., Branch, L. G. & Bross, D. S. 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?. Presented at Annual Meeting of the Association for Health Services Research, Chicago, Illinois.
- 2000 Franciscus, C. J., Vaughn, T. E., Ward, M. M., Diekema, D. J., Woolson, R. F., BootsMiller, B. J. & Doebbeling, B. N. Epidemiology and Control of Antimicrobial Resistance (AMR) in VA and Non-VA Hospitals. Presented at VHA Emerging Pathogens Meeting, Washington, District of Columbia.
- Feb 2001 Vaughn, T. E., Ward, M. M., Doebbeling, B. N., Clarke, W. R., Uden-Holman, T. & Letuchy, E. Organizational and Physician Factors Associated with Physician Adherence to Smoking Cessation Guidelines. Presented at VA Health Services Research 19th Annual Meeting, Washington, District of Columbia.
- Mar 2001 Vaughn, T. E., Ward, M. M., Doebbeling, B. N., Clarke, W. R., Uden-Holman, T. M. & Woolson, R. F. Organizational and Physician Factors Fostering Smoking Cessation Counseling. Presented at Society of Behavioral Medicine, Annual Scientific Sessions.
- Sep 2001 Diekema, D. J., Franciscus, C. J., Vaughn, T. E., Ward, M. M., Woolson, R. F., Pfaller, M., BootsMiller, B. J. & Doebbeling, B. N. Clinical Microbiology Laboratory (CML) Support for Infection Control (IC) and Antimicrobial Resistance (AMR) Control. Presented at 41st Annual ICAAC Meeting, Chicago, Illinois.
- Oct 2001 Nora, J. J., Diekema, D. J., Vaughn, T. E., Ward, M. M., BootsMiller, B. J., Franciscus, C. J., Woolson, R. F. & Doebbeling, B. N. Antimicrobial Resistance (AMR) in Epidemiologically-Important Organisms in US Hospitals. Presented at Annual IDSA Meeting, San Francisco, California.
- Oct 2001 Nora, J. J., Diekema, D. J., Vaughn, T. E., Ward, M. M., Franciscus, C. J., BootsMiller, B. J., Woolson, R. F. & Doebbeling, B. N. Implementation of Guidelines to Control Antimicrobial Resistance (AMR) in US Hospitals. Presented at 39th Annual IDSA Meeting, San Francisco, California.

- Feb 2002 Doebbeling, B. N., Vaughn, T. E., Letuchy, E., Branch, L. G., Ward, M. M., Woolson, R. F., BootsMiller, B. J., Tripp-Reimer, T. & Peloso, P. M. Benchmarking VAMCs in Delivery of Evidence-Based Clinical Preventive Services. Presented at VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia.
- Feb 2002 Sorofman, B. N., Tripp-Reimer, T., DeWitt, J., BootsMiller, B. J., Vaughn, T. E., Ward, M. M. & Doebbeling, M. M. Differing Views of Clinical Practice Guidelines: Variation by Role Responsibility. Presented at VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia.
- Feb 2002 Vaughn, T. E., Welke, K. F., Ward, M. M., McCoy, K. D., BootsMiller, B. J., Woolson, R. F. & Doebbeling, B. N. Organizational Structures Support Implementation and Adherence to VA Clinical Practice Guidelines. Presented at VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia.
- Feb 2002 BootsMiller, B. J., Welke, K. F., McCoy, K. D., Vaughn, T. E., Ward, M. M., Woolson, R. F. & Doebbeling, B. N. Strategies that Improved Knowledge of the VA CHF Practice Guideline Did Not Increase Compliance. Presented at VA Health Services Research and Development 20th Annual Meeting, Washington, District of Columbia.
- Oct 2002 Diekema, D. J., BootsMiller, B. J., Vaughn, T. E., Ward, M. M., Ernst, E. J., Flach, S. D., Nora, J. J., Woolson, R. F., Franciscus, C. J., Acosta, E., Pfaller, M. A. & Doebbeling, B. N. Antimicrobial Resistance Trends and Outbreak Frequency in United States Hospitals. Presented at 40th Annual IDSA Meeting.
- Feb 2003 Yankey, J. W., Ward, M. M., Pendergast, J. F., Flach, S. D., Vaughn, T. E., BootsMiller, B. J., Perlin, J. B. & Doebbeling, B. N. Provider Factors Relating to EPRP Diabetes Performance. Presented at Veterans Affairs Health Services Research and Development Service 21st Annual National Meeting, Washington, District of Columbia.
- Feb 2003 Doebbeling, B. N., Vaughn, T. E., Woolson, R., Peloso, P., Ward, M. M., Letuchy, E., BootsMiller, B. J., Tripp-Reimer, T. & Branch, L. G. VA Facilities Show Wide Variation in Their Leads of Delivery Across Multiple Performance Indicators. Presented at Special Poster Session/Reception for Network Directors in association with the HSR&D 21st Annual National Meeting, Washington, District of Columbia.
- Apr 2003 Diekema, D. J., BootsMiller, B. J., Ernst, E. J., Flach, S. D., Franciscus, C. J., Pfaller, M. A., Vaughn, T. E., Ward, M. M., Woolson, R. F., Yankey, J. W. & Doebbeling, B. N. 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). Presented at Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia.
- Apr 2003 Doebbeling, B. N., Diekema, D. J., Vaughn, T. E., Ward, M. M., Yankey, J. W., BootsMiller, B. J., Ernst, E. J., Flach, S. D., Pfaller, M. A., Franciscus, C. J. & Acosta, E. Are US Hospitals Following Antimicrobial Resistance Prevention and Control Guidelines?. Presented at Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia.
- Apr 2003 Ernst, E. J., Yankey, J. W., Diekema, D. J., Pfaller, M. A., BootsMiller, B. J., Vaughn, T. E., Ward, M. M., Flach, S. D., Franciscus, C. J., Acosta, E. & Doebbeling, B. N. Are US Hospitals Following National Guidelines for the Analysis and Presentation of Antibiogram Data?. Presented at Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia.

- Apr 2003 Flach, S. D., McCoy, K. D., Vaughn, T. E., BootsMiller, B. J., Ward, M. M., Peloso, P., Franciscus, C. J., Tripp-Reimer, T. & Doebbeling, B. N. Can Information Technology Reduce Time Pressure in the Clinic?. Presented at Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada.
- Apr 2003 Yankey, J. W., Diekema, D. J., Vaughn, T. E., Ernst, E. J., BootsMiller, B. J., Flach, S. D., Ward, M. M., Pendergast, J. F. & Doebbeling, B. N. Development and Validation of a Novel Index to Compare Antimicrobial Resistance Across Types of Hospitals. Presented at Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia.
- Apr 2003 Doebbeling, B. N., Vaughn, T. E., McCoy, K., BootsMiller, B. J., Flach, S. D., Ward, M. M., Franciscus, C. J., Forman, V. & Peloso, P. Dissemination of Information Technology in Hospitals to Improve Quality of Care. Presented at Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada.
- Apr 2003 Flach, S. D., Vaughn, T. E., McCoy, K. D., BootsMiller, B. J., Ward, M. M. & Doebbeling, B. N. Does Patient-Centered Care Improve Provision of Preventive Services?. Presented at Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada.
- Apr 2003 Flach, S. D., Yankey, J. W., Diekema, D. J., Vaughn, T. E., BootsMiller, B. J., Ward, M. M., Ernst, E. J. & Doebbeling, B. N. Hospitals' Use of Laboratory Procedures to Control Antimicrobial Resistance. Presented at Society for Healthcare Epidemiology of America Annual Meeting, Arlington, Virginia.
- Apr 2003 Flach, S. D., Welke, K., McCoy, K., BootsMiller, B. J., Vaughn, T. E., Ward, M. M., Perlin, J. & Doebbeling, B. N. How Can We Improve Compliance with a Congestive Heart Failure Guideline?. Presented at Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada.
- Apr 2003 Jaana, M., Wakefield, D. S., Ward, M. M., Ohsfeldt, R. L., Lei, Y. & Miller, T. Information Technology in Rural Hospitals in Iowa: An Assessment of Three Dimensions of IT Sophistication. Presented at 5th Annual Student Interdisciplinary Health Research, University of Iowa, Iowa City, Iowa.
- Apr 2004 Wilson, S. J., Yankey, J. W., Vaughn, T. E., Diekema, D. J., Flach, S. D., Ward, M. M. & Doebbeling, B. N. Institutional Factors Associated With a Novel Antimicrobial Resistance Index. Presented at Society for Healthcare Epidemiology of America Annual Meeting.
- May 2005 McQuistan, M. R., Kuthy, R. A., Damiano, P. C. & Ward, M. M. General Dentists' Referral of Children Less Than 3 Years to Pediatric Dentists. Presented at National Oral Health Conference, Pittsburgh, Pennsylvania.
- May 2005 Cloughbaugh, G. & Ward, M. M. Methodology Employed in Cost of Illness Studies in the Research Literature. Presented at College of Medicine/College of Public Health Research Week, University of Iowa, Iowa City, Iowa.
- Mar 2006 McQuistan, M. R., Kuthy, R. A., Damiano, P. C. & Ward, M. M. Predictors of One Percentage of Children in General Dental Offices. Presented at Interventional Association for Dental Research & American Association for Dental Research, 32nd Annual Meeting, San Antonio, Texas.
- Jun 2006 Ward, M. M., Bahensky, J., Wakefield, D. S. & Pengxiang, L. Statewide Efforts to Enhance HIT in Critical Access Hospitals. Presented at AHRQ Annual Patient Safety Conference, Washington, District of Columbia.

- Jun 2007 Li, P., Schneider, J. E. & Ward, M. M. Changes in Patient Safety Indicators after Critical Access Hospital Conversion. Presented at AcademyHealth Annual Research Meeting, Orlando, Florida.
- Sep 2007 Ward, M. M., Vartak, S., Roberts, L., Li, P. & Allareddy, V. Factors Contributing to Hospital Variation in Medical Complication Rates. Presented at Patient Safety Research Conference, Porto, Portugal.
- Sep 2007 Ward, M. M., Roberts, L., Vartak, S., Allareddy, V. & Li, P. Factors Contributing to Variation in Hospital Complication Rates. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Sep 2007 Li, P., Schneider, J. E. & Ward, M. M. The Effects of Critical Access Hospital Conversion on Patient Safety. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Oct 2007 Li, P., Schneider, J. E. & Ward, M. M. Effect of Critical Access Conversion on Operating Cost in Iowa Rural Hospitals. Presented at North American Primary Care Research Group (NAPCRG) Annual Meeting, Vancouver, Canada.
- Nov 2007 Ward, M. M., Li, P. & Roberts, L. How Does Iowa Compare on Hospital Quality and Patient Safety Indicators? And Why?. Presented at Iowa Healthcare Collaborative Annual Meeting, Ames, Iowa.
- Sep 2008 Roberts, L., Ward, M. & Evans, T. Hospital Leaderships' Perceptions of National Quality Forum Safe Practices in Iowa. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Sep 2008 Li, P., Ward, M. M., James, P. & Schneider, J. E. Hospital Quality Indicators and Iowa Rural Hospitals. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Sep 2008 Ward, M. M., Vartak, S. & Vaughn, T. Patient Safety Indicators in U.S. Urban and Rural Hospitals. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Jun 2009 Ward, M. M., Bahensky, J., Nyarko, K. & Li, P. HIT Implementation in Critical Access Hospitals: Extent of implementation and Business Strategies Supporting IT Use. Presented at AcademyHealth Annual Meeting, Chicago, Illinois.
- Jun 2009 Vartak, S., Ward, M. M. & Vaughn, T. E. Patient Safety Outcomes in Small Urban and Small Rural Hospitals. Presented at AcademyHealth Annual Meeting, Chicago, Illinois.
- Sep 2009 O'Brien, J., Ward, M. M., Wakefield, D. S. & Loes, J. L. Implementing an EHR to Connect a Rural Health Network. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Sep 2009 Wakefield, D. S., Ward, M. M., Loes, J. L. & O'Brien, J. Implementing Shared Formulary and E-based Medication Order Review as Essential Steps in Developing "Closed Loop" Medication Process in Critical Access Hospitals. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Sep 2009 Loes, J. L., Ward, M. M., Wakefield, D. S. & O'Brien, J. Staff Perception Survey Before and After EHR/CPOE Implementation. Presented at AHRQ Annual Meeting, Bethesda, Maryland.
- Nov 2010 Vartak, S., Ward, M. M. & Vaughn, T. E. Patient Safety Outcomes in Small Rural and Small Urban Hospitals. Presented at Midwest Rural Health Forum, Iowa Center for Agricultural Safety and Health, Iowa City, Iowa.
- Jun 2012 Jaana, M., Vartak, S. & Ward, M. M. What Do We Know about Evidence-Based Management in Health Care? A Systematic Review. Presented at Annual Meeting, Academy Health, Orlando, Florida.

- Jun 2014 Zhu, X., Baloh, J. & Ward, M. M. Strategies for Preparing Rural Hospitals for TeamSTEPPS Implementation. Presented at AcademyHealth Annual Meeting, San Diego, California.
- Jul 2015 Manges, K., Scott-Cawiezell, J. & Ward, M. Healthcare Leader's Role in Developing High Performing Teams: A Case Study using the Tuchman's Model of Team Development. Presented at Collaborating Across Borders V, Roanoke, Virginia.
- Aug 2015 Manges, K. A., Scott-Cawiezell, J. & Ward, M. Cultivating High-Performing Quality Improvement Teams: A Case Study Using the Tuckman Model of Team Development. Presented at VA Quality Scholars Summer Institute, Veterans Health Affairs, Nashville, Tennessee.
- Apr 2016 Natafagi, N., Baloh, J., Weigel, P., Ullrich, F. & Ward, M. M. Surgical Patient Safety Outcomes in Critical Access Hospitals (CAH). Presented at Research Week, University of Iowa College of Public Health, Iowa City, Iowa.

### Seminars

- 2000 IDPH-CPH Essential Services of Public Health - Evaluate Personal and Population-Based Health Services. College of Public Health, University of Iowa.
- 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.
- 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.
- 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.
- 2002 Infrastructure Subcommittee Report for Patient and Populations Oriented Research at UI. Patient and Population Oriented Research Retreat, University of Iowa.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 2015 Merchant, K. & Ward, M. Mission Lifeline. AHA System of Care for STEMI. Evaluation in Three Rural States. Presented at Center for Health Policy and Research, Department of Health Management and Policy, College of Public Health, University of Iowa, Iowa City, Iowa.

## Service

### Professional Service

#### Professional Organizations

- 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 - 2001 Awards Committee, Society of Behavioral Medicine, 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
- 2006 - 2009 Finance Committee, AUPHA, Member
- 2006 - 2010 Finance Committee, Society for Research on Nicotine and Tobacco, Member

Journal Reviews/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

Addiction, 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

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

#### Review Panels

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
2017	USDA SBIR, Reviewer, Grant Proposals

#### Organize Conferences, Sessions, etc.

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

### National/International Committees

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 the Advancement of Research in Connected Health (SEARCH), Member
2020 - 2021	Rural Telehealth and Healthcare System Readiness Committee, National Quality Forum, Co-Chair

### State/Local Committees

2004 - 2005	Healthy Iowa 2010 Rewrite Committee, Member
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### Professionally Relevant Community Involvement

1983 - 1984	Bay Area Hypertension Council Advisory Committee, Member
1983 - 1986	Health in Youth Project Center for Educational Research at Stanford, Stanford University, Advisor
1989 - 1992	Exercise and Stress-Related Responses in Older Adults Project, Stanford Center for Research in Disease Prevention, Stanford University, Advisor
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
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
2009 - 2013	Provider Advisory Committee, Iowa Healthcare Collaborative, Member
2013 - 2016	Cluj School of Public Health, Romania, Board of Advisors

### Other

2004 - 2006	Nicotine & Tobacco Research, Associate Editor
2023 - Present	Telemedicine and e-Health, Editorial Board

### **University, College, Department Service**

#### University

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	Head Search Committee, Department of Community and Behavioral Health, Member
2000	New Investigator Research Award Review Committee, College of Public Health/College of Medicine, Member
1999 - 2001	Faculty Search Committee, Department of Health Management and Policy, Member

2000 - 2001 Head Search Committee, Department of Biostatistics, Member

2001 Infrastructure Subcommittee, Patient & Population Oriented Research Retreat, College of Medicine, Chair

2000 - 2002 Faculty Search Committee, Department of Community and Behavioral Health, Member

1999 - 2003 Research Advisory Council, College of Public Health and College of Medicine, Member

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

2007 - 2008 Faculty Search Committee, Department of Health Management and Policy, Chair

2008 - 2009 DEO Search Committee, Department of Health Management and Policy, Member

2009 - 2010 Senior Associate Director for Nursing Research and Evidence-Based Practice Search Committee, University of Iowa Hospitals and Clinics, Member

2010 DEO Search Committee, Department of Occupational and Environmental Health, Member

2010 - 2011 University Senior VP and Provost Search Committee, University of Iowa, 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

2000 - 2012 PhD Admissions Committee, Department of Health Management and Policy, Chair

2010 - 2012 Faculty Search Committee, Department of Health Management and Policy, Chair

2011 - 2012 Decanal Review Committee, College of Nursing, University of Iowa, Member

2012 OEH Department Review Committee, College of Public Health, College of Public Health, Member

2006 - 2013 Promotion and Tenure Committee, College of Public Health, Member

1999 - 2014 Research Council, College of Public Health, Member

2012 - 2014 PhD Program Quality Improvement Committee, Department of Health Management and Policy, Chair

2013 - 2014 Curricular Innovations Committee, College of Public Health, University of Iowa, Member

2008 - 2015 Interdisciplinary Graduate Program in Health Informatics Advisory Board, University of Iowa, Member

2012 - 2015 Center Leadership Committee, College of Public Health, Member

2014 - 2015 Faculty Search Committee, Department of Health Management and Policy, Member

2015 Biostatistics Department Review Committee, College of Public Health, Member

2014 - 2017 Faculty Council, College of Public Health, University of Iowa, Member

2014 - 2017 Promotion and Tenure Committee, College of Public Health, Chair

2015 - 2017 PhD Program Quality Improvement Committee, Department of Health Management and Policy, Member

- 2016 - 2018 Interdisciplinary Graduate Program in Health Informatics Admission Committee, Member
- 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 DEO Search Committee, Department of Community and Behavioral Health, Member
- 2009 - 2021 Awards Committee, College of Public Health, Member

College

- 2012 - 2016 Interdisciplinary Graduate Program in Health Informatics Admission Committee, Chair

Department

- 2016 - 2017 Faculty Search Committee, Department of Community and Behavioral Health, Member
- 2018 - 2019 Colloton Chair Search Committee, Department of Health Management and Policy, Member