

IRA STEVEN MOSCOVICE, Ph.D.
Curriculum Vitae

TITLE Mayo Professor and Head
Division of Health Policy and Management
School of Public Health
University of Minnesota

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School of Public Health
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Minneapolis, MN 55455
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EDUCATION

Yale University	Ph.D. Administrative Sciences	1976
Columbia University	M.S. Operations Research	1971
City College of New York	B.S.E.E. Electrical Engineering	1969

POSITIONS

Mayo Professor and Division Head	2008 - present
Professor and Director, Rural Health Research Center	1992 - present
Interim Division Head	2005 - 2007
Acting Director	1991 - 1992
Professor and Associate Director	1988 - 1996
Associate Professor and Associate Director	1984 - 1988
Associate Professor	1981 - 1984

Division of Health Policy and Management
School of Public Health, University of Minnesota

Visiting Professor Department of Family Medicine School of Medicine, University of Washington	1997-1998
Visiting Professor School of Public Health and Community Medicine Hadassah Hebrew University Medical Center	1990
Adjunct Assistant Professor, Department of Family Medicine School of Medicine, University of Washington	1979 - 1981
Visiting Scientist, Health and Population Study Center Human Affairs Research Centers, Battelle Memorial Institute	1979 - 1981
Assistant Professor Research Associate Department of Health Services and Center for Health Services Research School of Public Health and Community Medicine University of Washington	1978 - 1981 1976 - 1978
Systems Engineer, Bell Laboratories Holmdel, New Jersey	1969 - 1972

HONORS

Article of the Year, Public Health Systems Research, AcademyHealth, 2009
 Mayo Professor of Public Health, School of Public Health, University of Minnesota, 2008
 Distinguished Lecturer, University of Illinois, Campus-wide Initiative on Distributive Justice and Disparities
 in Rural America, 2005
 Robert Wood Johnson Foundation Investigator Award in Health Policy Research, 2002
 Distinguished Researcher Award, National Rural Health Association, 1992
 Delta Omega Honorary Public Health Society
 NSF Doctoral Dissertation Research Grant
 Connecticut State Scholarship Award
 Public Health Service Traineeship
 Eta Kappa Nu

COMMITTEE AND PROFESSIONAL MEMBERSHIP

Rural Healthy People 2020 Expert Advisory Board
 Partnership for Patients, Rural Affinity Group Member
 The Joint Commission, CAH Technical Advisory Panel
 National Quality Forum, Measure Applications Partnership Coordinating Committee and Population Health

Task Force

The Future of Rural Health Care Panel, Institute of Medicine, National Academies

COMMITTEE AND PROFESSIONAL MEMBERSHIP (continued)

Health Services Research Study Section, Agency for Healthcare Research and Quality, USDHHS

Rural NQF Safe Practices Advisory Committee, Leapfrog

Education Committee, National Rural Health Association

Advisory Committee, National Rural Health Resource Center – TASC

National Advisory Committee, The Coming Home Program, Robert Wood Johnson Foundation

Advisory Committee, Negotiating Managed Care for Rural New York, New York State Department of Health

Co-chair, Developing a Rural Health Research Agenda Committee, Federal Office of Rural Health Policy and National Rural Health Association

CDC Centers for Research and Demonstration of Health Promotion and Disease Prevention Review Committee, Institute of Medicine, National Academy of Sciences

Advisory Committee, Community Care Network Evaluation, American Hospital Association

Medicare Beneficiary Access to Care Panel, Physician Payment Review Commission

Access to Health Care Services Monitoring Panel, Institute of Medicine, National Academy of Sciences

Program Advisory Committee, National Rural Health Association

National Review Committee for Health Care Financing and Organization Initiative, Robert Wood Johnson Foundation

National Rural Technical Advisory Panel, Health Care Financing Administration

Rural Health Care Advisory Panel, Minnesota Department of Health

Advisory Board, Access to Care among the Indigent in Nebraska, University of Nebraska

National Advisory Committee for Demonstration and Research on Health Care Costs, Robert Wood Johnson Foundation

National Advisory Committee on Affordable Rural Coalition for Health, W.K. Kellogg Foundation

Advisory Committee, Rural Health Transition Demonstration Project, Blandin Foundation

Health Task Force, Minnesota Non-Tax Revenue Commission

Hospital Prospective Reimbursement for Medicaid, Implementation Committee, State of Minnesota Department of Public Welfare

Health Manpower Data Committee, Washington State Center for Health Statistics

Rural Health Working Committee, State of Washington, Chairman

Medical Care Program Committee, American Public Health Association

Operations Research Society of America

American Public Health Association

National Rural Health Association

AcademyHealth

International Health Economics Association

CONSULTANT

Medicare Payment Advisory Commission

Physician Payment Review Commission

Agency for Health Care Policy and Research
Health Care Financing Administration
Office of Rural Health Policy, DHHS
Health Resources and Services Administration
CONSULTANT (continued)

Veterans Administration Health Services Research and Development Service
Foundation for Health Services Research
Robert Wood Johnson Foundation
Commonwealth Fund
Colorado Trust
James Irvine Foundation
Kansas Health Foundation
American Enterprise Institute
American Association of Retired Persons
National Rural Health Association
National Rural Health Resource Center
National Institute for Health Care Management
Lewin and Associates
Health Systems Research
Mountain States Group
United Health Group
Premier Inc.
Applied Management Sciences
Alpha Center
Systemetrics
LECG
Battelle Human Affairs Research Center
Blandin Foundation
Rural Healthcare Quality Network
New York State Hospital Association
Northern Lakes Health Care Consortium
Western Center for Health Planning
Health Systems Agency Technical Assistance Center, DHEW Region X
Washington Area Health Education Center
Washington State Department of Social and Health Services
Western Interstate Commission for Higher Education
Rural America
Puter Associates
WAMI
Council for Post-secondary Education, State of Washington
Legal Aid Society of Minneapolis

JOURNAL REFEREE

Health Affairs
Medical Care
American Journal of Public Health
Milbank Memorial Fund Quarterly
Health Services Research
JOURNAL REFEREE (continued)

Journal of Health Politics, Policy and Law
Inquiry
Health Care Financing Review
Gerontologist
Journal of the American Medical Association
Journal of Community Health
Journal of Family Practice
Hospital and Health Services Administration
Journal of Rural Health

EDITORIAL BOARDS

Health Administration Press
Journal of Rural Health
Journal of Health Administration Education
International Journal of Rural and Remote Health

PUBLICATIONS

1. Moscovice, I., "A Method for Analyzing Resource Use in Ambulatory Care Settings." Medical Care 15:1024-1044, 1977.
2. Moscovice, I., P. Armstrong, S. Shortell, et al., "Health Services Research for Decision-Makers: The Use of the Delphi Technique to Determine Health Priorities." Journal of Health Politics, Policy and Law 2:388-404, 1977.
3. Moscovice, I., "The Influence of Training Level and Practice Setting on Primary Care Provided by Nursing Personnel." Journal of Community Health 4:4-14, 1978.
4. Rosenblatt, R. and I. Moscovice, "The Growth and Evolution of Rural Primary Care Practice: The National Health Service Corps Experience in the Northwest." Medical Care 16:21-29, 1978.
5. Rosenblatt, R. and I. Moscovice, "Establishing New Rural Family Practices: Some Lessons from a Federal Experience." Journal of Family Practice 7:755-763, 1978.
6. Moscovice, I. and R. Rosenblatt, "The Viability of Mid-Level Practitioners in Isolated Rural

Communities." American Journal of Public Health 59:503-505, 1979.

7. Moscovice, I., C. Schwartz and S. Shortell, "Referral Patterns of Family Physicians in an Underserved Rural Area." Journal of Family Practice 9:677-682, 1979.
8. Williams, S.J., D. Belcher, I. Moscovice and T. Inui, "Regionalization in the Veterans Administration Health Care System: Rhetoric and Realities." Journal of Health, Politics, Policy and Law 5:98-119, 1980.

PUBLICATIONS (continued)

9. Rosenblatt, R. and I. Moscovice, "The National Health Service Corps: Rapid Growth and Uncertain Future." Milbank Memorial Fund Quarterly 58:283-309, 1980.
10. Dolan, A. and I. Moscovice, "A Comparison of Hospital and State Agency Efficiency in Processing Medicaid Claims in Washington State." Health Services Research 15:93-104, 1980.
11. Moscovice, I. and M. Nestegard, "The Influence of Values and Background on the Location Decision of Nurse Practitioners." Journal of Community Health 5:244-253, 1980.
12. Moscovice, I. and R. Rosenblatt, Physician Maldistribution and the National Health Services Corps. National Center for Health Services Research, Hyattsville, MD, 1981.
13. Rosenblatt, R. and I. Moscovice, Rural Health Care, J. Wiley and Sons, New York, 1982.
14. Moscovice, I. and R. Rosenblatt, The Viability of the Rural Hospital, National Center for Health Services Research, Hyattsville, MD, 1982.
15. Moscovice, I. and R. Rosenblatt, "Rural Health Care Delivery Amidst Federal Retrenchment: Lessons from the Robert Wood Johnson Foundation's Rural Practice Project." American Journal of Public Health 72:1380-1385, 1982.
16. Moscovice, I., "Policy Approaches for Improving the Distribution of Physicians." Health Services Research 18:270-274, 1983.
17. Greenwald, H., M. Peterson, I. Moscovice, et al., "Interspecialty Variation in Office-Based Care." Medical Care 22:14-29, 1984.
18. Moscovice, I., "Health Care Personnel" Chapter 10 (pp.305-399), in Introduction to Health Services (S. Williams and P. Torrens, eds), John Wiley and Sons, New York, NY, 1984.
19. Moscovice, I., "Rural Health Care: Challenges Facing Policymakers in the 1980's," Proceedings of the First Statewide Legislative Symposium on Rural Development, New York State Legislative Commission on Rural Resources, 1984.
20. Rosenblatt, R. and I. Moscovice, "The Physician as Gatekeeper: Determinants of Physicians' Hospitalization Rates." Medical Care 22:150-159, 1984.
21. Moscovice, I. and W. Craig, "The Omnibus Budget Reconciliation Act and the Working Poor." Social Service Review 58:49-62, 1984.
22. Moscovice, I. and R. Rosenblatt, "A Prognosis for the Rural Hospital - Part I: What Is the Role of the Rural Hospital?" The Journal of Rural Health 1:29-40, 1985.

PUBLICATIONS (continued)

23. Moscovice, I. and R. Rosenblatt, "A Prognosis for the Rural Hospital - Part II: Are Rural Hospitals Economically Viable?" The Journal of Rural Health 1:11-33, 1985.
24. Rosenblatt, R. and I. Moscovice, "The Hospital Role of Family Physicians." Western Journal of Medicine 143:537-540, 1985.
25. Moscovice, I., "Health Services Research and the Policymaking Process: State Response to Federal Cutbacks in Programs Affecting Child Health," in From Research Into Policy -- Improving the Link for Health Services (M. Lewin, ed.), American Enterprise Institute, Washington, DC, 1986.
26. Trivedi, V., I. Moscovice, R. Bass, and J. Brooks, "A Semi-Markov Model for Primary Health Care Manpower Supply Prediction." Management Science 33:149-160, 1987.
27. Moscovice, I. and G. Davidson, "Health Care and Insurance Loss of Working AFDC Recipients." Medical Care 25:413-425, 1987.
28. Moscovice, I. and W. Craig, "Meeting the Basic Needs of the Working Poor." Social Science Review 61:420-431, 1987.
29. Moscovice, I., "Health Care Professionals," in Introduction to Health Services, 2nd edition (S. Williams and P. Torrens, eds.), John Wiley and Sons, New York, NY, 1988.
30. Moscovice, I., "The Future of Rural Hospitals," in Financing Rural Health Care (N. Walzer and L. Straub, eds.), Praeger, New York, NY, 1988.
31. Christianson, J., N. Lurie, M. Finch, and I. Moscovice, "Mandatory Enrollment of Medicaid -Eligible Mentally Ill Persons in Prepaid Health Plans-The Minnesota Demonstration Project." Administration and Policy in Mental Health 16:51-64, 1988.
32. Moscovice, I., G. Davidson and D. McCaffrey, "Substitution of Formal and Informal Care for the Community Based Elderly." Medical Care 26:971-981, 1988.
33. Moscovice, I., M. Finch and N. Lurie, "Plan Choice by the Mentally Ill in Medicaid Prepaid Health Plans." Advances in Health Economics and Health Services Research, 10:265-280, 1989.
34. Christianson, J., N. Lurie, M. Finch and I. Moscovice, "Mainstreaming the Mentally Ill in HMO's." in New Directions for Mental Health Services, Paying for Services: Promises and Pitfalls of Capitation, (D. Mechanic and L. Aiken, eds.), Jossey Bass, San Francisco, CA, 1989.
35. Moscovice, I., "Rural Hospitals: A Literature Synthesis and Health Services Research Agenda." Health Services Research 23:891-930, 1989.

36. Davidson, G., I. Moscovice and D. McCaffrey, "Allocative Efficiency of Case Managers for the Elderly." Health Services Research 24:539-554, 1989.

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37. Moscovice, I., "Strategies for Promoting a Viable Rural Health Care System." Journal of Rural Health 5:216-230, 1989.
38. Davidson, G. and I. Moscovice, "Health Insurance and Welfare Re-Entry." Health Services Research 24:599-614, 1989.
39. Christianson, J., I. Moscovice, A. Wellever and T. Wingert, "Institutional Alternatives to the Rural Hospital." Health Care Financing Review 11:87-98, 1990.
40. Christianson, J., I. Moscovice, J. Johnson, J. Kralewski and C. Grogan, "Evaluating Rural Hospital Consortia." Health Affairs 9:135-147, 1990.
41. Kane, R., J. Penrod, G. Davidson, I. Moscovice and E. Rich, "What Cost Case Management in Long-Term Care?" Social Service Review 65:281-303, 1991.
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46. Lurie, N., M. Popkin, M. Dysken, I. Moscovice, and M. Finch, "Accuracy of Diagnoses of Schizophrenia in Medicaid Claims." Hospital and Community Psychiatry 43:69-71, 1992.
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48. Finch, M., N. Lurie, J. Christianson, and I. Moscovice, "The Treatment of Alcohol and Drug Abuse among Mentally Ill Medicaid Enrollees: The Utilization of Services in Prepaid Plans versus Fee-for-Service Care," in Economics of Mental Health, (R. Frank and W. Manning, Jr., eds.) Johns Hopkins University Press, Baltimore, MD, 292-306, 1992.

49. Mick, S. and I. Moscovice, "Health Care Professionals," in Introduction to Health Services, 3rd Edition (S. Williams and P. Torrens, eds.) John Wiley and Sons, New York, NY, 1993.
50. Christianson, J., I. Moscovice, and G. Tao, "A Program to Support Small Rural Hospitals." Health Affairs 12:152-161, 1993.

PUBLICATIONS (continued)

51. Kralewski, J., I. Moscovice, J. Christianson, J. Johnson, and B. Chan, "Organizational and Administrative Factors Influencing the Adoption of Consortia Programs By Rural Hospitals." Hospital and Health Services Administration 38:307-328, 1993.
52. Christianson, J., and I. Moscovice, "Health Care Reform and Rural Health Networks." Health Affairs 12:58-75, 1993.
53. Moscovice, I., N. Lurie, J. Christianson, et al., "Access and Use of Health Services by Chronically Mentally Ill Medicaid Beneficiaries." Health Care Financing Review, 14:75-87, 1993.
54. Moscovice, I., A. Wellever, A. Sales, et al., "A Clinically-Based Service Limitation Option for Alternative Model Rural Hospitals." Health Care Financing Review, 15:103-119, 1993.
55. Lurie, N., J. Christianson, M. Finch, and I. Moscovice., "The Effects of Capitation on Health and Functional Status of Medicaid Elderly: A Randomized Trial." Annals of Internal Medicine, 120:506-511, 1994.
56. Nelson, D., D. Hartley, J. Christianson, I. Moscovice, and M. Chen, "The Use of New Technologies by Rural Family Physicians." Journal of Family Practice, 38:479-486, 1994.
57. Kukulka, G., J. Christianson, I. Moscovice, and R. DeVries, "Community-Oriented Primary Care: Implementation of a National Rural Demonstration." Archives of Family Medicine, 3:495-501, 1994.
58. Dowd, B., I. Moscovice, R. Feldman, M. Finch, C. Wisner, and S. Hillson, "Health Plan Choice in the Twin Cities Medicare Market." Medical Care, 32:1019-1039, 1994.
59. Moscovice, I. J. Christianson, and A. Wellever, "Measuring and Evaluating the Performance of Vertically Integrated Rural Health Networks," The Journal of Rural Health, 11:9-21, 1995.
60. Moscovice, I., J. Christianson, J. Johnson, J. Kralewski, and W. Manning, Building Rural Hospital Networks, Health Administration Press, Ann Arbor, 1995.
61. Christianson, J., I. Moscovice, and A. Wellever, "The Structure of Strategic Alliances: Evidence From Rural Hospital Networks," in Partners for the Dance: Forming Strategic Alliances in Health Care (A. Kuluzny, H. Zuckerman, and T. Ricketts, eds.), Health Administration Press, Ann Arbor, 99-118, 1995.
62. Sales, A., N. Lurie, and I. Moscovice, "Is Quality in the Eye of the Beholder?" The Joint Commission Journal on Quality Improvement, 21:219-225, 1995.
63. Coffey, E., I. Moscovice, M. Finch, J. Christianson, and N. Lurie, "Capitated Medicaid and the Process of Care of Elderly Hypertensives and Diabetics: Results From a Randomized Trial,"

American Journal of Medicine, 8:531-536, 1995.

PUBLICATIONS (continued)

64. Yawn, B., A. Wellever, D. Hartley, M. Casey, S. Krein, and I. Moscovice, "Availability of Rural Obstetrical Services: Is It a Problem?" Journal of Rural Health, 11:192-203, 1995.
65. Moscovice, I., J. Christianson, J. Johnson, J. Kralewski, and W. Manning, "Rural Hospital Networks: Implications for Rural Health Reform," Health Care Financing Review, 17:53-67, 1995.
66. Hartley, D., I. Moscovice and J. Christianson, "Mobile Technology in Rural Hospitals," Health Services Research, 31:213-234, 1996.
67. Hartley, D. and I. Moscovice. "The Mobile Hospital Technology Industry: Focus on the Computerized Tomography Scanner," Journal of Rural Health, 12:225-234, 1996.
68. Dowd, B., R. Feldman, I. Moscovice, C. Wisner, P. Bland, and M. Finch, "An Analysis of Selectivity Bias in the Medicare AAPCC," Health Care Financing Review, 17:35-57, 1996.
69. Moscovice, I., A. Wellever, J. Christianson, M. Casey, B. Yawn, and D. Hartley, Rural Health Networks: Concepts, Cases, and Public Policy, Office of Rural Health Policy, U.S.D.H.H.S., Rockville, MD, 1996.
70. Sales, A., I. Moscovice, and N. Lurie, "Measuring Seriousness of Hospital Quality of Care Issues," The Joint Commission Journal on Quality Improvement, 22: 811-816, 1996.
71. Casey, M., A. Wellever, and I. Moscovice, "Rural Health Network Development: Public Policy Issues and State Initiatives," Journal of Health Politics, Policy and Law, 22:23-47, 1997.
72. McGovern, P., B. Dowd, D. Gjerdingen, I. Moscovice, L. Kochevar, and W. Lohman, "Time Off Work and the Postpartum Health of Employed Women," Medical Care, 35: 507-521, 1997.
73. Yawn, B., S. Krein, J. Christianson, D. Hartley, and I. Moscovice, "Rural Radiology: Who Is Producing Images and Who Is Reading Them," Journal of Rural Health, 13:136-144, 1997.
74. Moscovice, I., A. Wellever, J. Christianson, M. Casey, B. Yawn, and D. Hartley, "Understanding Integrated Rural Health Networks," The Milbank Quarterly, 75:563-588, 1997.
75. Moscovice, I., M. Casey and S. Krein. "Expanding Rural Managed Care: Enrollment Patterns and Prospects," Health Affairs, 17:172-179, 1998.
76. Wellever, A. and I. Moscovice. "The Growing Presence of Managed Care in Rural Areas: Case Study of Rocky Mountain HMO," Journal of Rural Health, 14:211-223, 1998.

77. Casey, M. and I. Moscovice. "The Growing Presence of Managed Care in Rural Areas: Case Study of Regence HMO Oregon," Journal of Rural Health, 14:244-256, 1998.

PUBLICATIONS (continued)

78. Weisgrau, S., L. Buada, M. Campbell, and I. Moscovice. "Developing Rural Integrated Systems: Preparing for Managed Care in Rural California," Health Affairs, 18:237-241, 1999.
79. Moscovice, I and A. Wellever. "Rural Health Networks: An Organizational Strategy for Collaboration," Chapter 17, pp. 261-274, in Textbook of Rural Medicine, (J. Geyman, T. Norris, and G. Hart, eds.), McGraw Hill, New York, NY, 2000.
80. McGovern, P., B. Dowd, D. Gjerdingen, I. Moscovice, L. Kochevar, and S. Murphy "The Determinants of Time off Work after Childbirth," Journal of Health Politics, Policy and Law, 25:527-564, 2000.
81. Moscovice, I. and R. Rosenblatt. "Quality of Care Challenges for Rural Health," Journal of Rural Health, 16:168-177, 2000.
82. Sales, A., I. Moscovice, and N. Lurie. "Implementating Continuous Quality Improvement Projects in Hospitals," The Joint Commission Journal on Quality Improvement, 26:476-487, 2000.
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85. Casey, M., I. Moscovice, and A. Knott. "Medicare Minus Choice: The Impact of HMO Withdrawals on Rural Medicare Beneficiaries," Health Affairs, 21:192-199, 2002.
86. Moscovice, I. and J. Stensland. "Rural Hospitals: Trends, Challenges and a Future Research and Policy Analysis Agenda," Journal of Rural Health, 18S:197-210, 2002.
87. Casey, M., J. Klingner, and I. Moscovice. "Pharmacy Services in Rural Areas: Is the Problem Geographic Access or Financial Access?," Journal of Rural Health, 18:467-477, 2002.
88. Stensland, J. and I. Moscovice. "The Future Financial Viability of Rural Hospitals," Health Care Financing Review, 23:175-188, 2002.
89. Gregg, W. and I. Moscovice. "The Evolution of Rural Health Networks: Implications for Health Care Managers," Health Care Management Review, 28:161-178, 2003.
90. Calico, F., C. Dillard, I. Moscovice, and M. Wakefield. "A Framework and Action Agenda for Quality Improvement in Rural Health Care," Journal of Rural Health, 19:226-232, 2003.
91. Radcliff, T., M. Brasure, I. Moscovice, and J. Stensland. "Understanding Rural Hospital Bypass

Behavior," Journal of Rural Health, 19:252-259, 2003.

PUBLICATIONS (continued)

92. Moscovice, I. and W. Gregg. "Quality Assurance and Quality Improvement Strategies in Rural Hospitals: The Initial Experience of Critical Access Hospitals," in Health Systems in the World: From Evidence to Policy (J. Kyriopoulos, ed.), Papazisis Publishers, Athens, Greece, 2004.
93. Virnig, B., I. Moscovice, S. Durham, and M. Casey. "Do Rural Elders Have Limited Access to Medicare Hospice Services?," Journal of the American Geriatrics Society, 52:731-735, 2004.
94. Moscovice, I., Wholey, D., Klingner, J., and Knott, A. "Measuring Rural Hospital Quality," Journal of Rural Health, 20:383-393, 2004.
95. Casey, M. and Moscovice, I. "Quality Improvement Strategies and Best Practices in Critical Access Hospitals," Journal of Rural Health, 20:327-334, 2004.
96. Coburn, A., Wakefield, M., Casey, M., Moscovice, I., Payne, S., and Loux, S. "Assuring Rural Hospital Patient Safety: What Should the Priorities Be?" Journal of Rural Health, 20:314-326, 2004.
97. Wholey, D., Moscovice, I., Hietpas, T., and Holtzman, J. "The Environmental Context of Patient Safety and Medical Errors," Journal of Rural Health, 20:304-313, 2004.
98. Casey, M., Moscovice, I., Virnig, B., and Durham, S. "Providing Hospice Care in Rural Areas: Challenges and Strategies to Address Them," American Journal of Hospital and Palliative Medicine, 22:363-368, 2005.
99. Casey, M., Wakefield, M., Coburn, A., Moscovice, I., and Loux, S. "Prioritizing Patient Safety Interventions in Small Rural Hospitals," The Joint Commission Journal on Quality and Patient Safety, 32:693-702, 2006.
100. Casey, M., Moscovice, I., and Davidson, G. "Pharmacist Staffing, Technology Use, and Implementation of Medication Safety Practices in Rural Hospitals," Journal of Rural Health, 24:321-330, 2006.
101. Moscovice, I. and Boisvert, S. "Quality in Rural Healthcare Settings," Journal for Healthcare Quality, 28:33-36, 2006.
102. Virnig, B., Ma, H., Hartman, L., Moscovice, I., and Carlin, B. "Access to Home-Based Hospice Care for Rural Populations: Identification of Areas Lacking Service," Journal of Palliative Medicine, 9:1292-1299, 2006.
103. Davidson, G., Moscovice, I., and Remus, D. "Hospital Size, Uncertainty, and Pay-for-Performance," Health Care Financing Review, 29:1-13, 2007.

104. Tupper, J., Coburn, A., Loux, S., Moscovice, I., Klingner, J., and Wakefield, M. "Strategies for Improving Patient Safety in Small Rural Hospitals," AHRQ Advances in Patient Safety: New Directions and Alternative Approaches, 2:1-11, 2008.

PUBLICATIONS (continued)

105. Casey, M., Wholey, D., and Moscovice, I. "Rural ED Staffing and Participation in Emergency Certification and Training Programs," Journal of Rural Health, 24:253-262, 2008.
106. Wholey, D., Gregg, W., and Moscovice, I. "Public Health Systems: A Social Networks Perspective," Health Services Research, 44:1842-1862, 2009.
107. Klingner, J., Moscovice, I., Tupper, J., Coburn, A., and Wakefield, M. "Implementing Patient Safety Initiatives in Rural Hospitals," Journal of Rural Health, 25:352-357, 2009.
108. McCullough, J., Casey, M., Moscovice, I., and Prasad, S. "The Effect of Health Information Technology on Quality in U.S. Hospitals," Health Affairs, 29:647-654, 2010.
109. Davidson, G., Belk, K., and Moscovice, I. "The Impact of Nurse Staffing on Hospital Quality," (pp. 167-189) in The Performance of a National Health Workforce, (J. Moore et al., Eds), World Health Organization and the European Commission, Paris, France, 2010.
110. Hofer, A., Abraham, J., and Moscovice, I. "Coverage Expansion Under PPACA and Primary Care Utilization," The Milbank Quarterly, 89:69-89, 2011.
111. McCullough, J., Casey, M., Moscovice, I., and Burlew, M. "Meaningful Use of Health Information Technology by Rural Hospitals," Journal of Rural Health, 27:329-337, 2011
112. Moscovice, I. and Casey, M. "Quality of Care in Critical Access Hospitals," JAMA, 306:1653-1654, 2011.
113. Klingner, J. and Moscovice, I. "Development and Testing of Emergency Department Patient Transfer Communication Measures," Journal of Rural Health, 28:44-53, 2012.
114. Casey, M., Prasad, S., Klingner, J., and Moscovice, I. "Are the CMS Hospital Outpatient Measures Relevant for Rural Hospitals," Journal of Rural Health, 28:248-259, 2012.
115. Casey, M., Moscovice, I., Klingner, J., and Prasad, S. "Rural Relevant Quality Measures for Critical Access Hospitals," Journal of Rural Health, 29:159-171, 2013.
116. Casey, M., Moscovice, I., and McCullough, J. "Rural Primary Care Practices and Meaningful Use of Electronic Health Records: The Role of Regional Extension Centers," Journal of Rural Health. Article first published online : 30 SEP 2013, DOI: 10.1111/jrh.12050.

117. Moscovice, I., Casey, M., and McCullough, J. "Mortality Trends in Critical Access Hospitals," JAMA, 310:428-429, 2013.
118. Kozhimannil, K., Hung, P., Prasad, S., Casey, M., and Moscovice, I. "Rural-Urban Differences in Obstetric Care, 2002-2010 and Implications for the Future," Medical Care, 52:4-9, 2014.

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119. Kozhimannil, K., Hung, P., Prasad, S., Casey, M., McLellan, M., and Moscovice, I. "Birth Volume and the Quality of Obstetric Care in Rural Hospitals," Journal of Rural Health, first published online: 1 Feb, 2014, DOI: 10.1111/jrh.12061.
120. Casey, M., Hung, P., Moscovice, I., and Prasad, S. "The Use of Hospitalists by Small Rural Hospitals: Results of a National Survey," Medical Care Research and Review, first published online 14 May, 2014, DOI: 10.1177/1077558714533822.

SELECTED PRESENTATIONS

Improving CAH Performance Using Hospital Compare Data, presented at the NRHA Annual Rural Health Conference, April 22, 2014, Las Vegas, NV.

Rural Health Response to the Challenges of Health Care Reform, keynote presentation at the 29th Annual Rural Health Care Symposium of the California Hospital Association, February 27, 2014, San Diego, CA.

Teaching Health Economics and Management to Executive MHA Students at the University of Minnesota, presented at the Center for Health Economics and Management Seminar, Charles University, November 14, 2013, Prague, Czech Republic.

MBQIP Target Setting: A Pilot Project to Improve CAH Quality, presented at the NRHA CAH Conference, October 4, 2013, Austin, TX.

Critical Access Hospitals: Innovations in Quality Improvement, presented at the NRHA CAH Conference, October 3, 2013, Austin, TX.

Identifying High Quality Rural Hospitals and the Role of Service Line Specialization, presented at the 9th World Congress on Health Economics, July 8, 2013, Sydney, Australia.

CAH Quality Improvement — What Works, presented at the Eleventh Annual Western Region Flex Conference, June 12, 2013, Waikoloa, HI.

Rural Health Quality: Where Art Thou?, presented at the NRHA Annual Rural Health Conference, May 7, 2013, Louisville, KY.

The Impact of Health Care Reform on Rural Health, keynote presentation at the 19th Conference on the Small City and Regional Community, University of Wisconsin-Stevens Point, April 18, 2013, Stevens Point, WI.

Emerging Rural Health Issues in Minnesota, presented at SPH Diversity Matters Forum, February 14, 2013, Minneapolis, MN.

The Potential Impact of Health Reform on Rural Health Care, presented at the Joint Degree Program Proseminar, November 14, 2012, Minneapolis, MN.

SELECTED PRESENTATIONS (continued)

Understanding the Policy and Politics of U.S. Health Care Reform, presented at Renmin University, October 30, 2012, Beijing, China.

Innovations in Rural Health Care, presented at Farm Fest forum, August 9, 2012, Gilfallen, MN.

The Rural Context for Bundling and ACOs, presented to the Colorado Network, July 20, 2012, Salida, CO.

HRSA Rural Health Research Priorities, presented at AcademyHealth Annual Meeting, June 26, 2012, Orlando, FL.

Relevant Rural Hospital Quality Measures, presented to the NRHA/AHA Rural Hospital Issues Group, June 7, 2012, Chicago, IL.

Health Care Reform and the Quality of Rural Health Care, presented to the Medical Student Track at the NRHA Annual Conference, April 18, 2012, Denver, CO.

Will Bundling and ACOs Work in Rural America?, presented at the AHA Annual Rural Health Leadership Conference, February 8, 2012, Phoenix, AZ.

Rural Health System Growth and Consolidation, presented at the Minnesota Rural Health Advisory Committee meeting, January 13, 2012, St. Paul, MN.

Is Bigger Better?, The Quality of Rural Health Care, Mayo Lecture, November 10, 2011, Minneapolis, MN.

Strengthening Health Care in Rural America, presented at the National Press Club, July 27, 2011, Washington, DC.

CAH Quality Measurement and Evidence-Based Quality Improvement, presented at the National Conference of State Flex Programs, July 12, 2011, Portland, ME.

Rural-Relevant Quality Measures for CAHs, presented at the Minnesota Rural Health Conference, June 27, 2011, Duluth, MN.

Rural Hospital ED Quality Measurement, presented at the NRHA Annual Conference, May 5, 2011, Austin, TX.

CAHs Quality Measurement and MBQIP, presented at the NRHA Annual Conference, May 5, 2011, Austin, TX.

Health Care Reform, Health Information Technology and Rural Health Quality, presented at a seminar at the Division of Health Policy and Outcomes Research, University of Rochester Medical School, February 11, 2011, Rochester, NY.

SELECTED PRESENTATIONS (continued)

Top 10 Factors Affecting CAH Quality, presented at the Quality Leadership Summit, December 9, 2010.

Measuring Rural Hospital ED Quality, presented at the annual New York/Pennsylvania Joint CAH Conference, October 22, 2010, Elmira/Corning, NY.

HIT, Quality and Health Reform, presented at the 2010 National Conference of State Flex Programs, July 13, 2010, Bloomington, MN.

The Quality Challenge for Critical Access Hospitals, presented at the 8th Annual Western Region Flex Conference, June 11, 2010, Tucson, AZ.

Opportunities to Strengthen Rural Health Network Development, presented at the NRHA Annual Health Conference, May 20, 2010, Savannah, GA.

Leveraging HIT in Rural America, presented at the AHIMA National HIT Stakeholder Summit, April 23, 2010, Alexandria, VA.

Health Care Reform: A Trillion Reasons Why You Should Care, presented at the Winter College, School of Health Management and Policy, Arizona State University, March 1, 2010, Tempe, AZ.

Relevant Quality Metrics for Small Rural Hospitals, presented at NRHA Forum on Measurement of Quality in Rural Hospitals, January 27, 2010, Washington, DC.

Rural Hospital Network Development in the U.S., presented at the Network Summit Meeting, December 15, 2009, Bloomington, MN.

Quality Issues and Health Care Reform, presented at the Federal ORHP Rural Hospital Issues Group, December 7, 2009, Washington, DC.

Quality Leadership for CAHs in Turbulent Times, presented at the 26th Annual Oregon Rural Health Conference, November 5, 2009, Gleneden Beach, OR.

Nursing Workforce Impact on Performance Improvement in the CMS/Premier HQID Project, presented at the WHO Performance of a National Health Workforce symposium, October 14, 2009, Neuchatel, Switzerland.

State and National Quality Issues for Flex Programs, presented at the ORHP-Grantee Partnership meeting, September 2, 2009, Washington, DC.

Health Care Reform: Implications for Rural Quality, presented at the ORHP-Grantee Partnership meeting, August 31, 2009, Washington, DC.

Health Care Reform: Implications for Primary Care, presented at the HealthPartners Division of Geriatrics Educational Forum, August 28, 2009, St. Paul, MN.

SELECTED PRESENTATIONS (continued)

The Rural Context for Health Reform, presented at the Global Health Care Reform Conference at Renmin University, July 16, 2009, Beijing, China.

CAH Quality and Financial Performance in a Value-Based Purchasing Program, presented at the iHEA 7th World Congress on Health Economics, July 14, 2009, Beijing, China.

Rural Hospitals, Health Care Reform, and Quality Measurement and Reporting, presented at the annual Minnesota Rural Health Conference, June 15, 2009, Duluth, MN.

Knowledge Elements for Rural Health Quality, presented at the ORHP State-Hospital Team Workshop, April 27, 2009, Rockville, MD.

Leading during Change in Rural Health Care: Rural Health Quality Mandates, presented at the RHQN CEO Leadership Conference, November 7, 2008, Seattle, WA and Upper Peninsula Health Care Trustee Conference, March 29, 2009, Marquette, MI and the Annual NRHA Conference, May 7, 2009, Miami Beach, FL.

Quality Improvement and Measurement in CAHs, presented at the Ohio Flex CAH Meeting, August 12, 2008, Columbus, OH.

Future Directions for Rural Health Quality Improvement, presented at the Annual NOSORH Conference, July 15, 2008, Minneapolis, MN.

Increasing the Supply of Primary Care Physicians in Rural Minnesota, Minnesota Rural Health Conference, June 24, 2008, Duluth, MN.

The Flex Program at 10 Years: Lessons Learned and Future Directions, Annual NRHA Conference, May 8, 2008, New Orleans, LA (also presented at the National Conference of State Flex Programs, July 1, 2008, Kansas City, MO).

A Strategic Plan for Quality Improvement in Rural Hospitals, presented at the Upper Peninsula Health Care Network Board Meeting, April 11, 2008, Marquette, MI.

The Implications of the CMS Value Based Purchasing Plan for Rural Hospitals, presented to The Rural Hospital Issues Group, December 3, 2007, Washington, DC.

Measuring Quality in Critical Access Hospitals, presented at the annual Maine CAH Forum for Directors of Nursing, October 25, 2007, Bangor, ME.

The Development and Impact of Quality Improvement Networks, presented at the annual Maine CAH Forum for Directors of Nursing, October 25, 2007, Bangor, ME.

Federal Regulations and Rural Hospital Performance Improvement, presented at the Annual NRHA Quality Conference, July 25, 2007, Kansas City, MO.

SELECTED PRESENTATIONS (continued)

Quality Measurement, Quality Improvement, and Pay for Performance in Rural Hospitals, presented at the Annual Minnesota Rural Health Conference, June 19, 2007, Duluth, MN.

Quality in Small Rural Hospitals: A Look at Local, State, and Federal Quality Initiatives, presented at the Annual NRHA Conference, May 15, 2007, Anchorage, AK.

National Impact of the Rural Hospital Flexibility Grant Program, presented at the Annual NRHA Conference, May 14, 2007, Anchorage, AK.

The Implementation of Pay for Performance in Rural Hospitals, presented at the New England Rural Health Roundtable, April 26, 2007, West Lebanon, NH.

The Impact of the Delta RHPI Initiative on Rural Hospitals, presented at the Delta RHPI Project Regional Conference, April 12, 2007, Little Rock, AR.

Quality Measurement and Patient Safety in Rural Hospitals, presented at the 14th Annual Small or Rural Hospital Conference, Tennessee Hospital Association, April 6, 2007, Nashville, TN.

Rural Relevant Quality Reporting, presented at the 5th Annual Northwest CAH Conference, March 21, 2007, Spokane, WA.

Quality Improvement and Pay-for-Performance in Rural Hospitals, presented at Small or Rural Hospital Conference, Maine Hospital Association, February 15, 2007, Bethel, ME.

Implementation of Medicare Hospital Value-Based Purchasing in Rural Hospitals, CMS Listening Session, January 17, 2007, Baltimore, MD.

RESEARCH GRANTS AND CONTRACTS

Medicare Rural Hospital Flexibility Program Evaluation, Federal Office of Rural Health Policy, Principal Investigator, \$5,000,000, 9/13-8/18.

University of Minnesota Rural Health Research Center, Federal Office of Rural Health Policy, Principal Investigator, \$2,640,000, 9/12-8/16.

University of Minnesota Clinical and Translational Science Institute, NIH, Investigator, \$7,452,047, 6/11-2/16.

Hospital Choice, Hospital Quality and Patient Welfare for Rural Residents, AHRQ, Investigator, \$168,000, 7/10-6/12.

Relevant Quality Measures for CAHs in Minnesota, Minnesota Department of Health, Principal Investigator, \$24,000, 5/10-2/11.

RESEARCH GRANTS AND CONTRACTS (continued)

Rural Health Outreach Tracking and Evaluation, National Opinion Research Center, Principal Investigator, \$1,076,000, 08/09-08/14.

Medicare Rural Hospital Flexibility Program Evaluation, Federal Office of Rural Health Policy, Principal Investigator, \$5,000,000, 9/08-8/13.

Upper Midwest Rural Health Research Center, Federal Office of Rural Health Policy, Principal Investigator, \$2,640,000, 9/08-8/12.

VA Midwest Rural Health Resource Center, VA Office of Rural Health, Principal Investigator in Minnesota, \$525,000, 9/08-8/10.

Flex CAH HIT Network Implementation Evaluation, Altarum Institute (HRSA Prime), Principal Investigator, \$69,000, 9/07-8/08.

Nursing Workforce Impact on Performance Improvement in HQID, Robert Wood Johnson Foundation, Principal Investigator, \$300,000, 9/07-8/09.

Public Health System Organization and Performance in Rural Communities, Robert Wood Johnson Foundation, Investigator, \$200,000, 1/07-6/08.

Implementing Patient Safety Interventions in Rural Hospitals, Tennessee Hospital Association, Principal Investigator, \$120,000, 7/05-12/06.

Upper Midwest Rural Health Research Center, Federal Office of Rural Health Policy, Principal Investigator, \$2,000,000, 8/04-8/08.

Medicare Rural Hospital Flexibility Program Evaluation, Federal Office of Rural Health Policy, Principal Investigator, \$5,000,000, 9/03-8/08.

Access to Hospice for Rural and Minority Elders, American Cancer Society, Investigator, \$710,000, 1/04-12/06.

Refining and Field Testing a Relevant Set of Quality Measures for Rural Hospitals, Stratis Health subcontract from the Centers for Medicare and Medicaid Services, Principal Investigator, \$186,000, 9/03-2/05.

Assessing Demand and Capacity for Behavioral Health Services in Northern Minnesota, Generations Health Care Initiatives, Co-Principal Investigator, \$110,000, 9/03-8/04.

A National Study of Hospice Access in Rural America, Federal Office of Rural Health Policy, Investigator, \$150,000, 9/03-8/04.

RESEARCH GRANTS AND CONTRACTS (continued)

Establishing Evidence-Based Safety Standards for Rural Hospitals, Federal Office of Rural Health Policy and the Agency for Healthcare Research and Quality, Principal Investigator, \$70,000, 12/02-7/04.

Rural Models for American Health Care: Is Our Problem the Solution?, Robert Wood Johnson Foundation Investigator Award in Health Policy Research, Co-Principal Investigator, \$135,000, 4/02-3/04.

Evaluation of the Rural Hospital Flexibility Program, sponsored by the Federal Office of Rural Health Policy, Principal Investigator, \$900,000, 9/99-8/03.

Monitoring the Transformation of Rural Health Care Delivery and Finance - Phase II, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$1,700,000, 2/98-1/02.

Dissemination of Chartbooks on Rural Health Care Delivery and Finance, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$81,500, 7/97-6/98.

University of Minnesota Rural Health Research Center, sponsored by the Federal Office of Rural Health Policy, U.S. Department of Health and Human Services, Principal Investigator, \$3,200,000, 10/96-8/04.

Monitoring the Transformation of Rural Health Care Delivery and Finance, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$580,000, 3/96-11/97.

Analysis of Technical Assistance Needs of AHCPR Rural Managed Care Centers, sponsored by the Agency for Health Care Policy and Research, Principal Investigator, \$250,000, 9/94-3/96.

Analysis of Primary Care Workforce Options in Rural Areas, sponsored by the Agency for Health Care Policy and Research, Principal Investigator, \$245,000, 9/94-3/96.

Managed Health Care Reform and Rural Areas, sponsored by the Agency for Health Care Policy and Research, Principal Investigator, \$249,000, 9/93-2/95.

University of Minnesota Rural Health Research Center, sponsored by the Federal Office of Rural Health Policy, Department of Health and Human Services, Principal Investigator, \$1,200,709, 10/92-9/96.

Access to Obstetrical Services in Rural Minnesota, sponsored by the Minnesota Department of Health, Principal Investigator, \$66,492, 11/92-12/93.

Reimbursement and the Use of Mid-Level Practitioners in Rural Minnesota, sponsored by the Minnesota Department of Health, Principal Investigator, \$13,375, 11/92-1/93.

Evaluation of the Robert Wood Johnson Foundation Improving the Quality of Hospital Care Program, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$681,000, 2/92-1/97.

Service Limitation Options for Limited Service Rural Hospitals, sponsored by the Health Care Financing Administration, Principal Investigator, \$50,000, 10/91-4/92.

RESEARCH GRANTS AND CONTRACTS (continued)

Evaluation of the EACH/PCH Program, sponsored by the Health Care Financing Administration, Co-Principal Investigator, \$195,000, 9/91-8/94.

An Assessment of Rural Health Care in the Northwest, sponsored by the Northwest Area Foundation, Principal Investigator, \$293,000, 1/91-12/92.

Montana Medical Assistance Facilities Certification Criteria, sponsored by the Health Care Financing Administration, Co-Principal Investigator, \$44,000, 9/89-6/90.

Montana Medical Assistance Facilities Demonstration Project, sponsored by the Health Care Financing Administration, Co-Principal Investigator, \$55,000, 10/88-8/89.

Capitating Non-Institutionalized Schizophrenic Medicaid Recipients, sponsored by the National Institute of Mental Health, Co-Principal Investigator, \$356,000, 10/88-9/90.

Evaluation of the Robert Wood Johnson Foundation Hospital-Based Rural Health Program, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$1,173,000, 3/88-12/92.

The Impact of Capitation on Non-Institutionalized Aged Medicaid Recipients, sponsored by the Robert Wood Johnson Foundation, Principal Investigator, \$298,000, 10/87-9/89.

A Selectivity Bias Correction for the Medicare AAPCC, sponsored by the Health Care Financing Administration, Co-Principal Investigator, \$500,000, 6/87-6/89.

The Impact of Prepaid Health Care on Aged and Chronically Mentally Ill Medicaid Beneficiaries, sponsored by Hennepin County, Minnesota, Principal Investigator, \$179,000, 4/86-12/88.

State Health Policy Analysis Group, sponsored by the Bush Foundation, Co-Principal Investigator, \$281,000, 7/85-6/88.

Evaluation of the Minnesota Pre-Admission Screening Program and Alternative Care Grants Program for the Elderly, sponsored by the Minnesota State Department of Public Welfare, Principal Investigator, \$90,000, 6/84-9/86.

Health Care and Insurance Loss of Working AFDC Recipients, sponsored by the National Center for Health Services Research, Principal Investigator, \$115,000, 12/83-2/85.

Innovative Approaches to Child Health Needs, sponsored by the Northwest Area Foundation, Principal Investigator, \$50,000, 8/83-7/84.

Health Policy Analysis Group, sponsored by the Bush Foundation, Co-Principal Investigator, \$210,000, 10/81-6/85.

RESEARCH GRANTS AND CONTRACTS (continued)

The Viability of the Rural Hospital, sponsored by the Western Interstate Commission for Higher Education, Principal Investigator, \$30,000, 4/81-3/82.

A Planning Model for Primary Health Care Manpower, sponsored by the National Center for Health Services Research (DHHS), Co-Principal Investigator, \$180,000, 1/81-12/82.

Evaluation of the National Health Service Corps Program, sponsored by the Office of the Assistant Secretary for Planning and Evaluation (DHEW), Senior Investigator, \$10,000, 12/78-11/79.

The Effectiveness of Health Underserved Rural Areas Projects in Washington State, sponsored by the Bureau of Community Health Service (DHEW), Principal Investigator, \$270,000, 9/77-3/81.

RESEARCH INTERESTS

Quality of rural health care

Viability of rural hospitals

Implementation and assessment of rural health networks

Effect of environmental pressures on rural primary care practice

Evaluation of alternative rural health care delivery systems

Implications of technology diffusion in rural hospitals and physician practices

Use of health services research to improve health policy decision making in state government

TEACHING EXPERIENCE

Courses taught include Health Policy, Survey Research and Sample Design, Health Services Research Methods, Evaluation Concepts and Methods, Seminar on Health Services Research, The Practice of Health Services Research, Seminar on Health Personnel Policy, and Rural Health Planning and Development

8/12/14