

Curriculum Vitae

Todd H Rockwood

January 11, 2007

Professional Address

Division of Health Policy and Management
University of Minnesota
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Personal Information

Born January 11, 1961, Idaho Falls, Idaho.
Citizenship: United States

Education

Ph.D., 1994; Sociology: Washington State University, Pullman, WA.
Dissertation: Measurement Error in Survey Research: Explorations in Context and Process.
Chair: Don A. Dillman, Ph.D.

M.A., 1988; Sociology: Washington State University, Pullman, WA.
Thesis: Organizational Responses to a Conflicting Mandate: Legitimacy and Structural Adaptations in the National Park Service. Chair: Joseph R. DeMartini, Ph.D.

B.S., 1986; Social Work: Utah State University, Logan, UT

B.S., 1986; Sociology, Minor: Political Science: Utah State University, Logan, UT

Current Position

Director, Center for Survey Research in Public Health, University of Minnesota
Associate Professor, Division of Health Services Research & Policy, University of Minnesota.

Research Interests

Application of Survey Methods in Diverse Populations/Health Disparities Research
Measurement Error in Survey Research
Scale Development (Health Related Quality of Life)
Outcomes Research

Teaching Interests

Survey Research
Research Design

Positions

June 2005 to Present

Associate Professor: Division of Health Services Research and Policy, University of Minnesota.
Responsibilities include: work in the Clinical Outcomes Research Center, development of the Managed Health Care Education and Research Center. Teaching responsibilities in the research methods and measurement.

January 2001 to Present

Academic Director, Center for Survey Research in Public Health, University of Minnesota.
Responsibilities include: Securing external funding and research projects, providing support and services to faculty at the University of Minnesota conducting surveys.

June 1998 to June 2005

Assistant Professor: Division of Health Services Research and Policy, University of Minnesota.
Responsibilities include: work in the Clinical Outcomes Research Center, development of the Managed Health Care Education and Research Center. Teaching responsibilities in the research methods and measurement.

December 1995 to June 1998

Research Associate: Clinical Outcomes Research Center, University of Minnesota.
Responsibilities include: designing and implementing research programs to assess clinical outcomes, patient satisfaction, organizational aspects of health care delivery, scale development and program evaluation. Primary research methods utilized are: surveys, ethnographic, and non-reactive.

December 1994 to December 1995

Post Doctoral Fellow: Clinical Outcomes Research Center, University of Minnesota.
Responsibilities include: designing and implementing research programs to assess clinical outcomes, patient satisfaction, organizational aspects of health care delivery, scale development and program evaluation. Primary research methods utilized are: surveys, ethnographic, and non-reactive.

Positions-Continued

June 1992 to December 1994

Research Associate: Washington Institute for Mental Illness Research and Training, Washington State University at Spokane and Washington State Department of Social and Health Services. Responsibilities include: designing program evaluation research both retrospective and prospective as well as data management and analysis. Research focused primarily upon rural health and mental health issues.

January 1992 to December 1994

Research Methodologist: Health Research and Education Center, College of Pharmacy, Washington State University. Responsibilities include: designing, implementing, and administering bio-medical research both retrospective and prospective, data management and analysis, as well as serving as a liaison between Washington State University and community health care organizations and professionals. Topics of research include: environmental health, cardiovascular, transplant (thoracic), gender issues in medicine, as well as other medical areas.

May 1988 to December 1992

Research Assistant, Social and Economic Sciences Research Center, Washington State University. Assisted in numerous surveys, study design, instrument construction, survey implementation, programmer for CATI system, data analysis, and report writing. Also participated in the design and development of numerous experiments investigating measurement error in survey research.

Refereed Publications

Kane, R. L., T. Rockwood, K. Hyer, K. Desjardins, A. Brassard, C. Gessert, R. Kane and C. Mueller (2006). "Nursing home staff's perceived ability to influence quality of life." Journal of Nursing Care Quality **21**(3): 248-55.

Beebe, T. J., M. E. Davern, D. D. McAlpine, K. T. Call and T. H. Rockwood (2005). "Increasing response rates in a survey of Medicaid enrollees: the effect of a prepaid monetary incentive and mixed modes (mail and telephone)." Medical Care **43**(4): 411-4.

Gessert, C. E., K. Hyer, R. L. Kane, T. Rockwood, A. B. Brassard, K. Desjardins and R. A. Kane (2005). "Cognitive impairment and quality-of-life: views of providers of long-term care services." Alzheimer Disease & Associated Disorders **19**(2): 85-90.

Kane, R. L., B. Bershadsky, T. Rockwood, K. Saleh and N. C. Islam (2005). "Visual Analog Scale pain reporting was standardized." Journal of Clinical Epidemiology **58**(6): 618-23.

Kane, R. L., T. Rockwood, K. Hyer, K. Desjardins, A. Brassard, C. Gessert and R. Kane (2005). "Rating the importance of nursing home residents' quality of life." Journal of the American Geriatrics Society **53**(12): 2076-82.

Refereed Publications

- Kralewski, J., B. E. Dowd, A. Kaissi, A. Curoe and T. Rockwood (2005). "Measuring the culture of medical group practices." Health Care Management Review **30**(3): 184-93.
- Shankar, S., L. Robison, M. E. Jenney, T. H. Rockwood, E. Wu, J. Feusner, D. Friedman, R. L. Kane and S. Bhatia (2005). "Health-related quality of life in young survivors of childhood cancer using the Minneapolis-Manchester Quality of Life-Youth Form." Pediatrics **115**(2): 435-42.
- Reisenauer C, Kirschniak A, Leonard JP, Rockwood T, Konigsrainer A, Stenzi A, Wallwiener D, Slevert KD. (2005). "Stool incontinence - Survey on quality of life" GEBURTSHILFE UND FRAUENHEILKUNDE **65** (10): 996-998 OCT
- Bhatia, S., M. E. Jenney, E. Wu, M. K. Bogue, T. H. Rockwood, J. H. Feusner, D. L. Friedman, L. L. Robison and R. L. Kane (2004). "The Minneapolis-Manchester Quality of Life instrument: Reliability and validity of the Youth Form.[see comment]." Journal of Pediatrics **145**(1): 39-46.
- Foot, S. B., D. Wholey, T. Rockwood and R. Halpern (2004). "Resolving the tug-of-war between Medicare's national and local coverage.[see comment]." Health Affairs **23**(4): 108-23.
- Rockwood, T. H. (2004). "Incontinence severity and QOL scales for fecal incontinence." Gastroenterology **126**: S106-S113.
- Davern, M., L. A. Blewett, B. Bershadsky, K. T. Call and T. Rockwood (2003). "State variation in SCHIP allocations: how much is there, what are its sources, and can it be reduced?" Inquiry. **40**(2): 184-97.
- Davern, M., T. H. Rockwood, R. Sherrod and S. Campbell (2003). "Prepaid monetary incentives and data quality in face-to-face interviews: Data from the 1996 survey of income and program participation incentive experiment." Public Opinion Quarterly **67**: 129-147.
- Wholey, D. R., J. B. Christianson, M. Finch, D. Knutson, T. Rockwood, L. Warrick and T. Physicians Evaluating Health Plans Research (2003). "Evaluating health plan quality 1: a conceptual model." American Journal of Managed Care. **9**(Spec No 2): SP53-64.
- Wholey, D. R., J. B. Christianson, M. Finch, D. Knutson, T. Rockwood, L. Warrick and T. Physicians Evaluating Health Plans Research (2003). "Evaluating health plan quality 2: survey design principles for measuring health plan quality." American Journal of Managed Care. **9**(Spec No 2): SP65-75.
- Wholey, D. R., M. Finch, J. B. Christianson, D. Knutson, T. Rockwood, L. Warrick and T. Physicians Evaluating Health Plans Research (2003). "Evaluating health plan quality 3: survey measurement properties." American Journal of Managed Care. **9**(Spec No 2): SP76-87.

Refereed Publications

- Bhatia, S., M. E. Jenney, M. K. Bogue, T. H. Rockwood, J. H. Feusner, D. L. Friedman, L. L. Robison and R. L. Kane (2002). "The Minneapolis-Manchester Quality of Life instrument: reliability and validity of the Adolescent Form." Journal of Clinical Oncology. **20**(24): 4692-8.
- Kane, R. L., B. Bershadsky, W. C. Lin, T. Rockwood and K. Wood (2002). "Efforts to standardize the reporting of pain." Journal of Clinical Epidemiology. **55**(2): 105-10.
- Agel, J., T. Rockwood, J. C. Mundt, J. H. Greist and M. Swiontkowski (2001). "Comparison of interactive voice response and written self-administered patient surveys for clinical research." Orthopedics. **24**(12): 1155-7.
- Call, K. T., G. Davidson, A. S. Sommers, R. Feldman, P. Farseth and T. Rockwood (2001). "Uncovering the missing Medicaid cases and assessing their bias for estimates of the uninsured." Inquiry. **38**(4): 396-408.
- Kane, R. L., S. Flood, G. Keckhafer and T. Rockwood (2001). "How EverCare nurse practitioners spend their time." Journal of the American Geriatrics Society. **49**(11): 1530-4.
- Shaw, M. J., N. J. Talley, T. J. Beebe, T. Rockwood, R. Carlsson, S. Adlis, A. M. Fendrick, R. Jones, J. Dent and P. Bytzer (2001). "Initial validation of a diagnostic questionnaire for gastroesophageal reflux disease." American Journal of Gastroenterology **96**(1): 52-7.
- Yacavone, R. F., G. R. Locke, 3rd, C. J. Gostout, T. H. Rockwood, S. Thieling and A. R. Zinsmeister (2001). "Factors influencing patient satisfaction with GI endoscopy." Gastrointestinal Endoscopy **53**(7): 703-10.
- Page, M. J., N. S. Key and T. Rockwood (2000). "Patient/caregiver assessment of convenience in the use of recombinant activated factor VII (rVIIa; NovoSeven) in home therapy." Blood Coagulation & Fibrinolysis **11**(Suppl 1): S51-2.
- Rockwood, T. H., J. M. Church, J. W. Fleshman, R. L. Kane, C. Mavrantonis, A. G. Thorson, S. D. Wexner, D. Bliss and A. C. Lowry (2000). "Fecal Incontinence Quality of Life Scale: quality of life instrument for patients with fecal incontinence." Diseases of the Colon & Rectum **43**(1): 9-16; discussion 16-7.
- Rockwood, T. H., J. M. Church, J. W. Fleshman, R. L. Kane, C. Mavrantonis, A. G. Thorson, S. D. Wexner, D. Bliss and A. C. Lowry (1999). "Patient and surgeon ranking of the severity of symptoms associated with fecal incontinence: the fecal incontinence severity index." Diseases of the Colon & Rectum **42**(12): 1525-32.
- Rockwood, T. H., R. L. Kane and A. Lowry (1999). Mode of Administration Considerations in the Development of Condition Specific Quality of Life Scales. 7th Health Surveys Conference, National Center for Health Statistics, Williamsburg, VA.

Refereed Publications

- Kane, R. L., T. Rockwood, I. Philp and M. Finch (1998). "Differences in valuation of functional status components among consumers and professionals in Europe and the United States." Journal of Clinical Epidemiology **51**(8): 657-66.
- Florio, E. R., M. S. Hendryx, J. E. Jensen, T. H. Rockwood, R. Raschko and D. G. Dyck (1997). "A comparison of suicidal and nonsuicidal elders referred to a community mental health center program." Suicide & Life-Threatening Behavior **27**(2): 182-93.
- Kane, R. L., T. Rockwood, M. Finch and I. Philp (1997). "Consumer and professional ratings of the importance of functional status components." Health Care Financing Review **19**(2): 11-22.
- Rockwood, T. H., R. L. Sangster and D. A. Dillman (1997). "The effect of response categories on questionnaire answers: context and mode effects." Sociological Methods and Research **26**(1): 118-140.
- Dillman, D. A., R. L. Sangster, J. Tarnai and T. H. Rockwood (1996). Understanding differences in people's answers to telephone and mail surveys. Advances in Survey Research. M. T. Braverman and J. K. Slater. San Francisco, Jossey-Bass, Inc. **70**: 110.
- Florio, E. R., T. H. Rockwood, M. S. Hendryx, J. E. Jensen, R. Raschko and D. G. Dyck (1996). "A model gatekeeper program to find the at-risk elderly." Journal of Case Management **5**(3): 106-14.
- Shields, J. P., C. H. Mielke, T. H. Rockwood, R. A. Short and F. K. Viren (1995). "Reliability of electron beam computed tomography to detect coronary artery calcification." American Journal of Cardiac Imaging **9**(2): 62-6.
- White, J. R., T. Rockwood, D. Wilson, L. Bettesworth and T. Icenogle (1994). "The effects of pentoxifylline on the prevention of cyclosporine-induced nephrotoxicity in cardiac transplant patients." Clinical Therapeutics **16**(4): 673-9

Book Chapters-Reports

- Rockwood, T. (2005). Quality of life with urinary and fecal incontinence. Urinary and Fecal Incontinence: An Interdisciplinary Approach. H. D. Becker, A. Stenzl, D. Wallwiender and T. T. Zittel. Berlin, Springer: 369-384.
- Rockwood, T. and M. Constantine (2005). Demographic and Psychosocial Factors. Understanding Health Care Outcomes Research. R. L. Kane. Gaithersburg, MD, Aspen.
- Coarsey-Rader, C., A. C. Brooks, T. H. Rockwood, C. DeJohn and J. McMahon (2003). An assesement of the leading emotional and physical distress among aviation safety investigators and recommendations for training. Washington D.C., Federal Aviation Administration Report.
- Kawiecki, J., T. H. Rockwood and M. Maciejewski (1997). Satisfaction. Using Health Outcomes Information Effectively. R. L. Kane. Gaithersburg, MD, Aspen Publishing. **q**: 67-90.
- Coarsey-Rader, C. and T. H. Rockwood (1993). Secondary trauma and the air safety investigator. International Society of Air Safety Investigators, Toronto, Canada.

Paper Presentations

- ▶ Survey Research. Have presented numerous papers on survey research at the annual conferences of the American Association for Public Opinion Research and American Statistical Association.
- ▶ Clinical Outcomes. Have papers that have been presented to range of professional associations, including: American Society of Colon and Rectal Surgery, Orthopedic Society, National Institute on Social Work and Human Services in Rural Areas
- ▶ Papers in other areas have been presented at: National Council on the Aging, International Society of Air Safety Investigators, and Society and Natural Resources Symposium,

Grants, PI/CO-PI/Investigator

Dyck, Dennis, Rockwood, Todd H, Florio, Evelyn R.

Project: Clinical Characteristics and Service Needs of Elderly Referred to a Community Mental Health Center: An Evaluation of the Gatekeeper Case Finding Technique.
 Source: The Retirement Research Foundation.
 Dates: 1995
 Amount: \$100,000

Kane, Robert L, PI.

Project: Multi-State Evaluation of Dual Eligibles Demonstrations.
 Source: Health Care Finance Administration.
 Dates: 1995-1996
 Amount: \$500,000

Kane, Robert L., PI.

Project: Development of a Measure of the Impact of Fecal Incontinence on Quality of Life.
 Source: Minnesota Colon and Rectal Foundation.
 Dates: 1997-1998
 Amount: \$30,000

Oswald, John W., PI

Project: Minnesota Center for Excellence in Health Statistics.
 Part: Evaluation of the use of survey methods to assess tobacco use in youth
 Source: Center for Disease Control and Prevention. Program Announcement 99119.
 Dates: 1999-2001
 Amount: \$400,000

Oswald, John W., PI

Project: Minnesota Center for Excellence in Health Statistics.
 Part: Assessment of health disparities
 Source: Center for Disease Control and Prevention. Program Announcement 99119.
 Dates: 2002
 Amount: \$260,000

Rockwood, Todd H, PI

Project: DREGAN: Smoking Prevalence In Latino And South East Asian Communities
 Source: Minnesota Partnership for Action Against Tobacco
 Period: 9/1/04-12/31/06
 Purpose: Develop culturally sensitive questionnaires and implement a mixed mode study evaluating community identification and smoking behavior in Latino and four Southeast Asian populations (Hmong, Vietnamese, Cambodian, Laotian)
 Amount: \$825,920

Grants, PI/CO-PI/Investigator- Continued

Rockwood, Todd H, PI

Project: CanCORS
 Source: Minneapolis Veterans Administration
 Period: 6/1/04-9/20/06
 Purpose: Oversee implimentation of the field work for the VA portion of the CanCORS study.
 Amount: \$606,835

Contracts

Rockwood, Todd H PI

Project: Evaluation of best practices and provider satisfaction.
 Source: American Chiropractic Network.
 Dates: 1/01-9/01
 Amount: \$150,000

Rockwood, Todd H. PI

Project: Hennepin County Communities Targeting Tobacco Secondhand Smoke Community Survey
 Source: Hennepin County Department of Health
 Dates: October 2001-May 2002
 Amount: \$25,000

Rockwood, Todd H. PI

Project: Survey of the Health of Adults, the Population and the Environment in Hennepin County (SHAPE II)
 Source: The Hennepin County Community Health Department (CHD) and its collaborative partners, the Minneapolis Department of Health and Family Support (MDHFS), the Bloomington Public Health Division, and the Cities of Edina and Richfield (BER).
 Dates: November 2001-July 2002
 Amount: \$444,000

Rockwood, Todd H PI

Project: Georgia Health Access
 Source: State of Georgia Department of Health
 Period: 9/02-3/03
 Purpose: Consult with State of Georgia to develop and field a survey to assess health insurance status of the state's population. Includes analysis and report writing support.
 Amount: \$500,000

Contracts-Continued

Rockwood, Todd H PI

Project: Alabama Health Access
 Source: State of Alabama Department of Health
 Period: 8/02-7/03
 Purpose: Consult with State of Alabama to develop and field a survey to assess health insurance status of the state's population.
 Amount: \$450,000

Rockwood, Todd H PI

Project: Extension Services, Change Plan Evaluation
 Source: Extension Services, University of Minnesota
 Period: 12/02-01/03
 Purpose: Evaluate the impact of the Change Plan implementation on extension service employees
 Amount: \$5,000

Rockwood, Todd H PI

Project: American Specialty Health: Satisfaction/Program Evaluation
 Source: American Specialty Health
 Period: 16/1/04-3/31/06
 Purpose: Develop instruments, study design and conduct field work to assess general provider and patient satisfaction as well as outcomes associated with targeted programs.
 Amount: \$318,881

Rockwood, Todd H PI

Project: Survey of the Health of All the Population and the Environment in Hennepin County (SHAPE III)
 Source: Hennepin County (Minnesota).
 Dates: 10/18/05-12/31/06
 Purpose: Contribute to development of instrument, sampling plan and oversee and conduct field work for the study.
 Amount: \$406,143

Rockwood, Todd H PI

Project: Respondent Driven Sampling
 Source: Blue Cross Blue Shield of Minnesota
 Dates: 2/1/07-1/31/08
 Purpose: Develop and implement an experiment to evaluate respondent driven sampling as a sampling alternative to RDD and list assisted sampling methods.
 Amount: \$250,000

National Working Groups

Member WERA1001, Reduction of Error in Rural and Agricultural Surveys. U.S. Department of Agriculture

Member Academic Survey Research Organizations, Ad Hoc community American Association of Public Opinion Research

Journal Reviews

Have served as a reviewer for the following journals:

Annals of Epidemiology

Journal of Official Statistics

Internal Journal for Quality in Health Care

Journal of Orthopaedic & Sports Physical Therapy

Medical Care

Diseases of the Colon & Rectum

Sociological Methods & Research

Grant Reviews

Have served as a reviewer for grant applications for the following:

American Heart Association, Outcomes Research

Fellowships

Graduate Student Fellowship, International Conference on Measurement Error in Surveys, November 11-14, 1990 Tucson, AZ.

Teaching Experience-Graduate-Recent

PubH 8810. Research Studies in Health Care, University of Minnesota, Minneapolis, MN.

Course content: A course of masters and doctoral students in the Division of Health Services Research and Policy. Focus of the course is on a general introduction to issues in research design, including: philosophy of science, epistemology, experimental and quasi-experimental design.

PubH 8813. Measurement of Health Related Social Factors, University of Minnesota, Minneapolis, MN.

Course content: A course for masters and doctoral students in the Division of Health Services Research and Policy. Focus of the course is on the development and psychometric evaluation of scales to assess health related issues.

Teaching Experience-Graduate-Past

PubH 8805. Applications of Sociological Theories in Health, University of Minnesota, Minneapolis, MN.

Team taught, taught sections in the class dealing with classical sociological theory and complex organization.

Course content: A course for masters and doctoral students in the Division of Health Services Research and Policy. Focus of the course is on integration of sociological theories into research on health and medicine.

PharP 503. Clinical Research for Health Care Professionals, Washington State University Pullman, WA.

Team taught, taught sections dealing with research methods and clinical outcomes.

Course Content: A general introduction to research methods used in bio-medical clinical research. The course is for MDs and RNs who work in the clinical setting and wish to conduct research as a part of their "private medical practice." Responsible for designing overall course content and teaching all sections related to research methods.

Teaching Experience-Undergraduate

Taught multiple sections of the following courses at Washington State University, Pullman, WA.

Soc 101. Introduction to Sociology

Course content: A general course in which the development of social systems from hunting and gathering to industrialized societies is covered.

Soc 102. Social Problems

Course content: This class focused on social problems currently facing social systems, with emphasis placed upon the United States. The course covered both the empirical nature of the problems as well as various theoretical explanations of the problems.

Soc 320. Social Research Methods

Course content: This class is a general undergraduate course in which the basic aspects of all major research methods used in the social sciences are covered. The course focused on epistemological issues as well as the fundamentals of the application of the different methods.

University Service (Committees)

University of Minnesota

Institutional Review Board (Panel 01), 2002-2003

School of Public Health, University of Minnesota

Rewards and Academic Honors Committee, 1997-1999

Research Committee, 1999-2001

Policy Committee, 2001-2004

Adhoc for Academic Promotion and Tenure, 2002

Division of Health Services Research & Policy

Methods Preliminary Exam Committee, 2000-Current

Professional Associations and Memberships

American Sociological Association

International Sociological Honor Society

American Association for Public Opinion Research

American Statistical Association