

BIOGRAPHICAL SKETCH

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NAME RONALD D. HAYS, Ph.D.		POSITION TITLE	
eRA COMMONS USER NAME HAYSR2		Professor of Medicine	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California, Riverside, CA	BA, MA, PhD	1979, 1981, 1984	Psychology

PROFESSIONAL EXPERIENCE

1984—1985 Consultant, Behavioral Sciences Department, RAND, Santa Monica, CA
 1985—1991 Associate Behavioral Scientist, RAND, Santa Monica, CA
 1992—Present Senior Health Policy Analyst, Social Policy Department, RAND, Santa Monica, CA
 1993—1997 Adjunct Associate Professor, UCLA Department of Medicine, Los Angeles, CA
 1997—Present Professor, UCLA Department of Medicine, Los Angeles, CA
 2000—Present Professor, UCLA Division of Health Services Research

PROFESSIONAL ORGANIZATIONS/HONORS

Association for Health Services Research
 Editorial Board, Journal of Compliance in Health Care, 1987—89
 Deputy Editor, Medical Care, 1997—2002
 Editorial Board, Quality of Life Research, 1991—2000
 Editor-in-Chief, Quality of Life Research, 2005—2009
 Referee for Medical Care, Health Psychology, Journal of Studies on Alcohol, Multivariate Behavioral Research,
Psychological Assessment, Journal of Behavioral Medicine, JAMA, JPSP, Annals of Internal Medicine,
Health Services Research, Clinical Infectious Diseases, Health Affairs, JGIM, Journal of the American Geriatrics Society, Pediatrics

SELECTED PEER-REVIEWED PUBLICATIONS (FROM A TOTAL OF 383 ARTICLES, 1REVIEWS AND 32 CHAPTERS)

Weidmer-Ocampo, B., Johansson, P., Dalpoas, D., Wharton, D., Darby, C., & **Hays, R. D.** (2009). Adapting CAHPS® for an American Indian population. Journal of Healthcare for the Poor and Underserved, 20, 695-712.

Hays, R. D., Bjorner, J., Revicki, D. A., Spritzer, K., & Cella, D. (2009). Development of physical and mental health summary scores from the Patient-Reported Outcomes Measurement Information System (PROMIS) global items. Quality of Life Research, 18, 873-80.

Martino, S. C., Elliott, M. N., Cleary, P. D., Kanouse, D. E., Brown, K. A., Spritzer, K. L., Heller, A., & **Hays, R. D.** (2009). Psychometric properties of an instrument to assess Medicare beneficiaries prescription drug plan experiences. Health Care Financing Review, 30, 41-53.

Hays, R. D., Kim S., Spritzer, K. L., Kaplan, R. M., Tally, S. Feeny, D., Liu, H., & Fryback, D. G. (2009). Effects of mode and order of administration on generic health-related quality of life scores. Value in Health, 12, 1035-1039.

Hays, R. D., Smith, A. W., Reeve, B. B., Spritzer, K. L., Marcus, S. E., & Clauser, S. B. (2008). Cigarette smoking and health-related quality of life in Medicare beneficiaries. Health Care Financing Review, 29 (4), 57-68.

Reeve, B. B., Smith, A. W., Arora, N. K., & **Hays, R. D.** (2008). Reducing bias in cancer research: Application of propensity score matching. Health Care Financing Review, 29 (4), 69-80.

Chang, C-H., Wright, B. D., Cella, D., & **Hays, R. D.** (2007). The SF-36 physical and mental health factors were confirmed in cancer and HIV/DIS patients. Journal of Clinical Epidemiology, 60, 68-72.

- Kahn, K. L., Tisnado, D. M., Adams, J. L., Liu, H., Chen, W. P., Mangione, C. M., **Hays, R. D.**, & Damberg, C. L. (2007). Does ambulatory process of care predict health-related quality of life outcomes? Health Services Research, 42, 63-83.
- Abbott, R. B., Hui, K. K., **Hays, R. D.**, Li, M.D., & Pan, T. (2007). A randomized controlled trial of Tai Chi for tension headaches. Evidence-Based Complementary and Alternative Medicine, 4, 107-113.
- Liu, H., Miller, L. G., Golin, C. E., **Hays, R. D.**, Wu, T., Wenger, N.S., & Kaplan, A. H. (2007). Repeated measures analyses of dose timing error to antiretroviral medication and its relationship to HIV virologic outcomes. Statistics in Medicine, 26, 991-1007.
- Reeve, B. B., **Hays, R. D.**, Bjorner, J. B., Cook, K. F., Crane, P. K., Teresi, J. A., Thissen, D., Revicki, D. A., Weiss, D. J., Hambleton, R. K., Liu, H., Gershon, R., Reise, S. P., & Cella, D. (2007). Psychometric evaluation and calibration of health-related quality of life item banks: Plans for the Patient-Reported Outcome Measurement Information System (PROMIS). Medical Care, 45, S22-31.
- Hays, R. D.**, Liu, H., Spritzer, K., & Cella, D. (2007). Item response theory analyses of physical functioning items in the Medical Outcomes Study. Medical Care, 45, S32-38.
- Reise, S. P., Morizot, J., & **Hays, R. D.** (2007). The role of the bifactor model in resolving dimensionality issues in health outcomes measures. Quality of Life Research, 16 (supplement 1), 19-31.
- Cook, K. F., Teal, C. R., Bjorner, J. B., Cella, D., Chang, C-H., Crane, P. K., Gibbons, L. E., **Hays, R. D.**, McHorney, C. A., Ocepek-Welikson, K., Raczek, A. E., Teresi, J. A., & Reeve, B. B. (2007). IRT health outcomes data analysis project: An overview and summary. Quality of Life Research, 16 (supplement 1), 121-132.
- Khanna, D., **Hays, R. D.**, Park, G. S., Braun-Moscovici, Y., Mayes, M. D., McNearney, T. A., Hsu, V., Clements, P. J., & Furst, D. E. (2007). Development of a preliminary scleroderma gastrointestinal tract 1.0 (SSC-GIT 1.0) quality of life instrument. Arthritis Care and Research, 57, 1280-1286.
- Hahn, E. A., Cella, D., Chassany, O., Fairclough, D. L., Wong, G. Y., & **Hays, R. D.** (2007). Precision of health-related quality of life data compared with other clinical measures. Mayo Clinic Proceedings, 82 (10), 1244-1254.
- Vickrey, B. G., Strickland, T. L., Fitten, J., Adams, G. R., Ortiz, F., & **Hays, R. D.** (2007). Ethnic variations in dementia caregiving experiences: Insights from focus groups. Journal of Human Behavior in the Social Environment, 15, 233-249.
- Farivar, S. S., Cunningham, W. E., & **Hays, R. D.** (2007). Correlated physical and mental health summary scores for the SF-36 and SF-12 health survey, V. 1. Health and Quality of Life Outcomes, 5: 54.
- Hays RD**, Eastwood JA, Kotlerman J, Spritzer KL, Ettner SL, Cowan M (2006). Health related quality of life and patient reports about care outcomes in a multidisciplinary hospital intervention. Annals of Behavioral Medicine, 31(2):173-178.
- Morales LS, Elliott M, Weech-Maldonado R, **Hays RD** (2006). The Impact of interpreters on parents' experiences with ambulatory care for their children. Medical Care Research Review, 63(1):110-128.
- Calderon JL, Morales LS, Liu H, **Hays RD** (2006). Variation in the readability of items within surveys. American Journal of Medical Quality 21(1):49-56.
- Elliott MN, Edwards C, Angeles J, Hambarsoomians K, **Hays RD.** (2005). Patterns of unit and item nonresponse in the CAHPS Hospital Survey. Health Services Research 40 (6 Pt 2):2096-2119.
- Cunningham WE, **Hays RD**, Duan N, Andersen RM, Nakazono TT, Bozzette SA, & Shapiro MF. (2005). The effect of socioeconomic status on the survival of persons receiving care for HIV infections in the United States. Journal of Health Care for the Poor and Underserved, 16:655-676.
- Hepner KA, Brown JA, & **Hays RD** (2005). Comparison of mail and telephone in assessing patient experiences in receiving care from medical group practices. Evaluation and the Health Professions, 28:377-389.
- Higashi T, **Hays RD**, Brown JA, Kamberg CJ, Pham C, Reuben DB, Shekelle PG, Solomon DH, Young RT, Roth CP, Chang JT, MacLean CH, & Wenger NS (2005). Do proxies reflect patients' health concerns about urinary incontinence and gait problems? Health and Quality of Life Outcomes, 3:75.
- de Vries H, Elliott MN, Hepner KA, Keller SD, & **Hays RD** (2005). Equivalence of mail and telephone responses to the CAHPS® Hospital Survey. Health Services Research, 40(6 Pt. 2): 2120-2139.
- O'Malley AJ, Zaslavsky AM, **Hays RD**, Hepner KA, Keller S, & Cleary PD (2005). Exploratory factor analyses of the CAHPS Hospital Pilot Survey responses across and within medical, surgical, and obstetric services. Health Services Research, 40(6 Pt. 2):2078-2095.
- Castle NG, Brown J, Hepner KA, & **Hays RD** (2005). Review of the literature on survey instruments used to collect data on hospital patients' perceptions of care. Health Services Research, 40(6 Pt. 2):1996-2017.
- Keller S, O'Malley AJ, **Hays RD**, Matthew RA, Zaslavsky AM, Hepner KA, & Cleary PD (2005). Methods used to streamline the CAHPS Hospital Survey. Health Services Research, 40(6 Pt. 2):2057-2077.

- Hurtado MP, Angeles J, Blahut SA, & **Hays RD** (2005). Assessment of the equivalence of the Spanish and English versions of the CAHPS Hospital Survey on the quality of inpatient care. Health Services Research, 40(6 Pt. 2):2140-2161.
- Elliott MN, Edwards C, Angeles J, Hambarsoomians K, & **Hays RD** (2005). Predictors of item and unit nonresponse in the CAHPS Hospital Survey. Health Services Research, 40(6 Pt. 2):2096-2119.
- Solomon L, **Hays RD**, Zaslavsky A, & Cleary PD (2005). Psychometric properties of the Group-Level Consumer Assessment of Health Plans Study (CAHPS®) instrument. Medical Care, 43: 53-60.
- Hays RD**, Martin SA, Sesti AM, & Spritzer KL (2005). Psychometric properties of the Medical Outcomes Study sleep measures. Sleep Medicine, 6:41-44.
- Vazirani S, **Hays RD**, Shapiro MF, & Cowan M (2005). Effect of a multidisciplinary intervention on communication and collaboration among physicians and nurses. American Journal of Critical Care, 14:71- 76.
- Cunningham WE, Crystal S, Bozzette S, & **Hays RD** (2005). The association of health-related quality of life with survival among persons with HIV infection in the United States. JGIM, 20:21-27.
- Hays RD**, Farivar SS, & Liu H (2005). Approaches and recommendations for estimating minimally important differences for health-related quality of life measures. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2:63-67.
- Nelson EC, Gentry MA, Mook KH, Spritzer KL, Higgins JH, & **Hays RD** (2004). How many patients are needed to provide reliable evaluations of individual clinicians? Medical Care, 42:259-266.
- Weech-Maldonado R, Elliott M, Morales LS, Spritzer KL, Marshall G, & **Hays RD** (2004). Health plan effects on patient assessments of Medicaid managed care among racial/ethnic minorities. Journal of General Internal Medicine, 19:136-145.
- Farivar SS, Liu H, & **Hays RD** (2004). Half standard deviation estimate of the minimally important difference in HRQOL scores? Expert Review of Pharmacoeconomics and Outcomes Research, 4(5):515-523.
- Miller LG, Golin CE, Liu HH, **Hays RD**, Hua J, Wenger NS, & Kaplan AH (2004). No evidence of an association between transient HIV viremia (“blips”) and lower adherence to the antiretroviral medication regimen. Journal of Infectious Diseases, 189:1487-1496.
- Diamant AL, **Hays RD**, Morales LS, Ford W, Calmes D, Asch S, Duan N, Fielder E, Kim S, Fielding J, Sumner, G, Shapiro MF, Hayes-Bautista D, & Gelberg L (2004). Delays and unmet need for health care among adult primary care patients in a restructured urban public health system. American Journal of Public Health, 94:783-789.
- Wong MD, Asch SM, Andersen RM, **Hays RD**, & Shapiro MF (2004). Racial and ethnic differences in patients’ preferences for initial care by specialists. American Journal of Medicine, 116:613-620.
- Unruh M, Miskulin D, Yan G, **Hays RD**, Benz R, Kusek JW, Meyer KB, & the HEMO Study Group. (2004). Racial differences in health-related quality of life among hemodialysis patients. Kidney International, 65:482-1491.
- Morales LS, Elliott M, Brown J, Rahn C, & **Hays RD** (2004). The applicability of the Consumer Assessment of Health Plans Survey (CAHPS®) to Preferred Provider Organizations in the United States: A discussion of industry concerns. International Journal of Quality in Health Care, 16:219-227.
- Chodosh J, Petitti DB, Elliott M, **Hays RD**, Crooks VC, Reuben DB, Buckwalter JG, & Wenger N (2004). Physicians recognition of cognitive impairment: Evaluating the need for improvement. Journal of American Geriatrics Society, 52:1051-1059.
- Kim S, **Hays RD**, Birbeck GL, & Vickrey BG (2003). Responsiveness of the Quality of Life in Epilepsy Inventory (QOLIE-89) in an antiepileptic drug trial. Quality of Life Research, 12:147-155.
- Dobalian A, Andersen RM, Stein JA, **Hays RD**, Cunningham WE, & Marcus M (2003). The impact of HIV on oral health and subsequent use of dental services. Journal of Public Health Dentistry, 63(2):78-85.
- Haviland MG, Morales LS, Reise SP, & **Hays RD** (2003). Do health care ratings differ by race/ethnicity? The Joint Commission Journal on Quality and Safety, 29:134-145.
- Cunningham WE, **Hays RD**, Burton TM, Reuben DB, & Kington RS (2003). Correlates of social function: A comparison of a black and white sample of older persons in Los Angeles. Journal of Applied Gerontology, 22:3-18.

RESEARCH SUPPORT

ACTIVE

U18 HS016980 / PI Hays

08/01/2007 – 07/30/12

CAHPS III

Agency for Healthcare Research and Quality

To conduct a 5-year project of research designed to advance knowledge about effective reporting of health plan and physician performance for consumers, purchasers, children with special health care needs, and other audiences.

P30 AG0287485 / Reuben

07/01/06 - 06/30/11

NIH/NIA

UCLA Older Americans Independence Center

The goal of this Center is to expand the scientific knowledge that will lead to better ways to maintain or restore independence focusing on the theme, "Developing Interventions to Maintain Independence and Understanding Mechanisms of Successful Interventions."

NIH/2P20MD000182-06 (Keith Norris)

9/30/02-5/31/12

NIH

UCLA/DREW Project Export

To promote the Jr. Faculty academic careers that will focus on improving the health of Latinos and/or African-Americans and reducing disparities in health and health care.

P30 AG021684 (Carol Mangione)

09/30/07-06/30/12

NIH

The Center for Health Improvement of Minority Elderly (CHIME)

The purpose of this study is to create a program that will ultimately contribute to the reduction in health disparities for African American and Latino elders by training and mentorship of minority faculty who will advance their careers by conducting research on minority elders

COMPLETED (past 3 years)

2U18HS09204 / Hays, R. (PI)

06/01/03—05/31/07

Agency for Healthcare Research and Quality

CAHPS II

To conduct a 5-year project of research designed to advance knowledge about effective reporting of health plan and physician performance for consumers, purchasers, children with special health care needs, and other audiences.

OVERLAP: NONE