

## PROFESSIONAL PROFILE / BIOSKETCH

NAME Hays, Ronald Dale	POSITION TITLE Professor of Medicine		
eRA COMMONS USER NAME (credential, e.g., agency login) HAYSR2			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of California, Riverside, CA	B.A., M.A., Ph.D.	06/79, 6/81, 06/84	Psychology

### A. Professional Statement

As a member of the Patient Reported Outcomes Measurement Information System (PROMIS) Statistical Coordinating Center, I will provide consultation and psychometric support to users of the existing items and developers of new patient-reported outcome instruments. My background in patient-reported outcomes, survey methods, and patient-centered care makes me an ideal fit for this project. I have published 462 peer-reviewed articles, 13 reviews of the literature and 37 book chapters. For the last 17 years I have held the position of professor of medicine in the Department of Medicine at UCLA. I worked full-time as a behavioral scientist in the RAND Health program from 1984 until 1997 and I have been a RAND consultant since starting at UCLA in 1997. I am the principal investigator for the ARHQ-funded CAHPS study (U18 HS016980) and principal investigator for a subcontract to UCLA from the NIH Patient Reported Outcomes Measurement Information System (PROMIS) project. I am also the head of the measurement core for the UCLA/Drew Research Center for Minority Aging Research (RCMAR), a research and mentoring program intended to reduce health disparities for older African American and Latinos by training and mentorship of minority faculty.

### B. Positions and Honors

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

### C. Selected Peer-reviewed Publications

#### Most Relevant

1. **Hays, R D.**, Reeve, B. B., Smith, A. W., & Clauser, S. B. (in press). Associations of cancer and other chronic medical conditions with SF-6D preference-based scores in Medicare beneficiaries. Quality of Life Research.
2. **Hays, R. D.**, Spritzer, K. L., Amtmann, D., Lai, J-S., DeWitt, E. M., Rothrock, N., DeWalt, D. A., Riley, W. T., Fries, J. F., & Krishnan, E. (2013, epub). Upper extremity and mobility subdomains from the Patient-Reported Outcomes Measurement Information System (PROMIS®) adult physical functioning item bank. Archives of Physical Medicine and Rehabilitation. *NIHMS504151*
3. **Fayers, P. M., & Hays, R. D.** (2013, May 31 online first). Don't middle your MID: Regression to the mean shrinks estimates of minimally important differences. Quality of Life Research.

4. Templin, T. N., **Hays, R. D.**, Gershon, R. C., Rothrock, N., Jones, R. N., Teresi, J. A., Stewart, A., Weech-Maldonado, R., & Wallace, S. (2013). Introduction to patient-reported outcome item banks: Issues in minority aging research. Expert Review of Pharmacoeconomics & Outcomes Research, 13, 183-186.
5. Beaumont, J., Havlik, R., Cook, K., **Hays, R. D.**, Wallner-Allen, K., Korper, S., Lai, J-S., Nord, C., Zill, N., Choi, S., Yost, K., Ustsinovich, V., Brouwers, P., Hoffman, H., & Gershon, R. C. (2013). Norming plans for the NIH Toolbox. Neurology, 80 (11, Suppl 3), S87-92. *PMCID: PMC3662345*
6. Paz, S. H., Slotkin, J., McKean-Cowdin, R., Lee, P., Oswley, C., Vitale, S., Varma R., Gershon, R., & **Hays, R.D.** (2013, epub). Development of a vision-targeted health related quality of life measure. Quality of Life Research.
7. Paz, S. H., Spritzer, K. L., Morales, L. S., & **Hays, R. D.** (2012, epub). Evaluation of the Patient-Reported Outcomes Information System (PROMIS®) Spanish Physical Functioning Items. Quality of Life Research.
8. Dyer, N., Sorra, J. S., Smith, S. A., Cleary, P.D., & **Hays, R. D.** (2012). Psychometric properties of the Consumer Assessment of Healthcare Providers and Systems (CAHPS®) clinician and group adult visit survey. Medical Care, 50, S28-34.
9. Martino, S. C., Kanouse, D. E., Elliott, M. N., Teleki, S. S., & **Hays, R. D.** (2012). A field experiment on the impact of physician-level performance data on consumers' choice of physician. Medical Care, 50, S65-73.
10. Weidmer, B., Brach, C., & **Hays, R. D.** (2012). Development and evaluation of CAHPS® survey items assessing how well healthcare providers address health literacy. Medical Care, 50 (9), S3-11.
11. Maglinte, G., **Hays, R. D.**, & Kaplan, R. M. (2012). U.S. general population norms for telephone administration of the SF-36v2. Journal of Clinical Epidemiology, 65 (5), 497-450.
12. Hsiao, A-F., York, R., Hsiao, I., Hansen, E., **Hays, R.D.**, Ives, J., & Coulter, I. D. (2012). Farabloc efficacy for veterans with chronic phantom limb pain. Archives of Physical Medicine and Rehabilitation, 93, 617-622.
13. Setodji, C. M., Reise, S. P., Morales, L. S., Fongwa, M. N., & **Hays, R. D.** (2011). Differential item functioning by survey language among older Hispanics enrolled in Medicare managed care: A new method for anchor item selection. Medical Care, 49, 461-468.
14. Fongwa, M. N., Setodji, C. M., Paz, S. H., Morales, L. S., Steers, N. W., & **Hays, R. D.** (2010). Readability and missing data rates in CAHPS 2.0 Medicare survey in African American and White Medicare respondents. Health Outcomes Research in Medicine, 1 (1), e39-349.
15. 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.

#### **D. Other Selected Publications**

1. Cella, D., Riley, W., Stone, A., Rothrock, N., Reeve, B., Young, S., Amtmann, D., Bode, R., Buysse, D., Choi, S., Cook, K., DeVellis, R., DeWalt, D., Fries, J. F., Gershon, R., Hahn, E. A., Pilkonis, P., Revicki, D., Rose, M., Weinfurt, K., Lai, J., & **Hays, R. D.** (2010). Initial item banks and first wave testing of the Patient-Reported Outcomes Measurement Information System (PROMIS) network: 2005-2008. Journal of Clinical Epidemiology, 63 (11), 1179-1194.
2. **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.
3. **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.
4. Weech-Maldonado, R., Elliott, M. N., Oluwole, A., Schiller, K. C., & **Hays, R. D.** (2008). Survey response style and differential use of CAHPS rating scales by Hispanics. Medical Care, 49, 963-968.
5. Quigley, D., Elliott, M. N., **Hays, R. D.**, Klein, D., & Farley, D. (2008). Bridging from the Picker Hospital Survey to the CAHPS® hospital survey. Medical Care, 46, 654-661.

## **E. Research Support**

### **Ongoing Research Support**

CAHPS IV (RAND)

09/01/12 – 08/30/17

Agency for Healthcare Research and Quality

To conduct a 5-year project of research designed to further develop CAHPS surveys, evaluate quality improvement intervention with CAHPS surveys in patient-centered medical homes and accountable care organizations, and advance knowledge about effective reporting of CAHPS and other quality of care information to consumers, purchasers, and providers of health care.

Role: PI

CAHPS (RAND)

07/01/12-01/09/14

CMS

Emergency Room Patient Experience of Care Survey

Goals: To develop a CAHPS emergency room survey.

Role: UCLA Subcontract PI

99201200417 / Hays

09/30/11 -09/29/14

DHHS/CMMS

National Implementation of Medicare Advantage and Prescription Drug Plan CAHPS

To provide input on psychometric analyses in general and conduct analyses of Medicare beneficiaries' experiences with health care, focusing on racial and ethnic disparities for reports and ratings on the Consumer Assessment of Healthcare Providers and Systems (CAHPS®) survey.

Role: Psychometric Core Director (PI of subcontract)

P30 AG021684 / Mangione

07/01/12-06/30/17

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 Research Support**

U01AR057936 / Khanna

09/30/09 - 07/31/13

NIH

Development and Initial Validation of PROMIS GI Distress Scale

To develop patient-reported outcome measures to assess gastrointestinal distress as part of the Patient-Reported Outcomes Information System (PROMIS)-II NIH Roadmap Initiative

U54AR057951 / Cella

09/30/09 -07/31/13

NIH

Patient-Reported Outcomes Measurement Information System Statistical Center

To provide psychometric and statistical support to investigators developing and evaluating patient-reported outcome measures using item response theory methods and computer-adaptive testing

9920120024 / Hays

09/30/11 -09/29/12

DHHS/CMMS

CAHPS Survey for the Medicare Shared Savings Program & Other Physician Quality Programs.

To develop and test a patient experience of care survey instrument(s) and allowable protocols that could be used for the Shared Savings Program, Innovation Center programs, and other physician quality programs..

Role: Psychometric Core Director (PI of subcontract)

U18 HS016980 / Hays (PI)

08/01/07 – 07/31/12

### 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.

NIH/2P20MD000182-06 / 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.

EH06-201-S8/ PI Reuben

09/30/06 -3/31/12

Northshore University Healthsystem Research Inst

NIH Toolbox for Assessment of Neurological and behavioral Function

AGO28748 / Reuben

07/01/06 - 06/30/11

NIH/NIA

UCLA Older Americans Independence Center

To provide psychometric support for the NIH Toolbox measures as well as develop and evaluate measures of vision-targeted health-related quality of life