BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Hays, Ronald Dale

eRA COMMONS USER NAME (credential, e.g., agency login): HAYSR2

POSITION TITLE: Professor, UCLA Division of General Internal Medicine and Health Services Research, School of Medicine, and Professor, UCLA Department of Health Policy and Management, School of Public Health

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE(if applicable) | Completion DateMM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
| University of California, Riverside, CA | B.A. | 06/79 | Psychology |
| University of California, Riverside, CA | M.A. | 06/81  | Psychology |
| University of California, Riverside, CA | Ph.D. | 06/84 | Psychology |

1. **Personal Statement**

I am a UCLA Distinguished Professor of Medicine and affiliated adjunct researcher at the RAND Corporation with a research focus on patient-reported outcomes. I have served as a principal investigator for the AHRQ-funded Consumer Assessment of Healthcare Providers and Systems (CAHPS®) project at RAND since its beginning in 1995. I specialize in patient-reported measurement development and evaluation of measures of patient experience with health care and health-related quality of life. I have published 39 book chapters, 17 literature reviews, 17 letters to the editor, 17 commentaries, and 635 peer-reviewed journal articles.

Three of my coauthored papers have won article of the year: Kahn et al. (2007), Price et al. (2014), and Fayers and Hays (2014). In addition, I co-developed the patient-reported care coordination measure used now by the Centers for Medicare and Medicaid Services (Hays et al., 2014). I have been acknowledged as one of the most highly cited and influential scientific minds in each of the last 7 years (2015-2021) by Thomson Reuters/Clarivate Analytics.

I have mentored more than 100 younger investigators at RAND and UCLA (RWJ clinical scholars’ program and UCLA Center for Minority Aging Research) who have gone on to their own successful research careers. I will serve as a co- principal investigator on the proposed administrative supplement to our Measuring Chronic Pain study. I will provide guidance to Dr. Brian Anderson for his proposed project.

Ongoing and recently completed projects relevant to the proposed work include:

**U18 HS025920**

Ron D. Hays and Marc Elliott Co-PIs

09/30/17-09/29/22

Continuation of Consumer Assessment of Healthcare Providers and Systems V – (CAHPS V)

Project Funded by the Agency for Healthcare Quality and Research

The goals of this project are to: 1) explore the ways in which CAHPS data is being used within the health care field and how it might be deployed more effectively for future uses, 2) to develop the capacity to process large numbers of patient narratives using natural language processing, 3) to expand narrative elicitation to additional health care settings, particularly inpatient care and 4) to extend the scope of CAHPS surveys to assess patient experiences with end-of-life care and develop new items to assess shared decision-making, care coordination, and patient safety issues.

**R01 AT010402**

Patricia Herman and Ron Hays, Co-PIs

02/15/20 – 01/31/24

Measuring Chronic Pain Impact

Project Funded by NIH/NCCIH

The goals of this project are to: Aims 1 and 2: data from three large in-house existing datasets, data collected from a national convenience sample using Amazon’s Mechanical Turk (MTurk) crowdsourcing platform, and data from the probability-based nationally representative KnowledgePanel. Aim 3 will evaluate crowdsourcing as a reliable, efficient method to collect data on individuals with chronic pain through the comparison of its results to what was found using KnowledgePanel.

**B. Positions, Scientific Appointments, and Honors**

**Positions and Scientific Appointments**

2017-Present Technical Expert Panel Member, AHRQ Surveys on Patient Safety Culture

2016-Present Editorial Board, Applied Research in Quality of Life

2011-Present Special Methodology Panel, Journal of General Internal Medicine

2010-Present International Advisory Board, Quality of Life Research

2000-Present Professor, UCLA Department of Health Policy and Management, Los Angeles, CA

1997-Present Professor (now Distinguished Professor), UCLA Department of Medicine, Los Angeles, CA

1993-Present Research Advisory Committee Member, UCLA Robert Wood Johnson Foundation Clinical Scholars Program

2020-2021 Guest Co-Editor, Psychometrika, “Advancing Methods to Assess Patient-Reported

Outcomes: Lessons Learned from the Patient-Reported Outcomes Measurement

Information System (PROMIS®) Initiative.

2020-2022 Co-Editor-in-Chief, Journal of Patient-Reported Outcomes

2020 Reviewer, UCLA Graduate Division Graduate Summer Research Mentorship Program grant applications

2019-2022 Member, UCLA Committee on Intercollegiate Athletics

2022 Member, Assembly of the Academic Senate

2019 Co-Chair, PROMIS® Health Organization (PHO) Annual Meeting.

2019 Chair, Martin Shapiro GIM Health Services Research Symposium Planning Committee

2022 Member, Martin Shapiro GIM Health Services Research Symposium Planning Committee

2013-2017 Editorial Board, Health

2012-2017 Editorial Board, Primary Health Care: Open Access

2012 Chair, UCLA GIM Faculty Search Committee

2013-2016 Chair, UCLA GIM Adjunct Faculty Appointment Committee

2013-2017 Member, UCLA GIM Faculty Search Committee

2007-2009 NCI Division of Cancer Control and Population Sciences Part-time Detailee

2007 Medicare Health Outcomes Survey Blue Ribbon Panel

2006 Reviewer, National Institutes of Health Biostatistical Methods and Research Design Study Section

2006-2007 COnsensus-based Standards for the selection of health Measurement Instruments (COSMIN) Panel member

2006-2007 Agency for Healthcare Research and Quality Hospital Survey on Patient Safety Culture Database Expert Panel

2005-2008 Medicare Health Outcomes Survey Technical Expert Panel Member

2005-2009 Data and Safety Monitoring Committee, Convergence Insufficiency Treatment Trial, National Eye Institute

2005-2009 Editor-in-Chief, Quality of Life Research

2005 Chair, International Society of Quality of Life Research Annual Meeting (San

 Francisco, CA

2004 Reviewer, Stein-Oppenheimer proposal, UCLA

2004 National Cancer Institute, Scientific Planning Committee, Improving the Measurement of Health Outcomes through the Applications of Item Response Theory (IRT) Modeling: Exploration of Item Banks and Computer-Adaptive Assessment”

2003 National Institute of Child Health and Human Development Special Emphasis Panel, “Dynamic Health Assessments for Medical Rehabilitation Outcome” (July-August)

2002-2009 Editorial Advisory Board, Clinical Therapeutics

2001-2002 Reviewer, UCLA AIDS Institute Seed Grants

1998-2000 UCLA Medicine Committee on Academic Personnel (CAP)

1998 Reviewer, Aetna Health Quality of Care Research Grants

1984-1997 Behavioral Scientist, RAND, Santa Monica, CA

1997-2002 Deputy Editor, Medical Care

1991-2001 Associate Editor, Quality of Life Research

1993 Reviewer, Foundation for Chiropractic Education and Research Grants

1992 Field Editor, Journal of Studies on Alcohol

1991-1993 Reviewer, Department of Veterans Affairs Small Grants

1990-1993 Reviewer, Agency for Health Care Policy Small Grants

1989 Instructor, Loyola-Marymount, Psychological Assessment and Testing

1989-1991 Editorial Board, National Collegiate Software of Duke University Press

1987-1999 Editorial Board, Journal of Compliance in Health Care.

**Honors**

2022 Health Assessment Lab career award for leadership in the field of patient-reported

 outcome measures (PROMs)

2018-present Honorary Member Status, International Society for Quality of Life Research

2015 RAND Medal Award for CAHPS Project

2013 Research Thesis Appreciation Award Nomination for UCLA School of Public Health

2009 President’s Award, International Society for Quality of Life Research

2007 Merit Bonus Award, RAND

1993 President's Award, RAND

1989 Outstanding Young Alumnus, University of California, Riverside

**C. Contributions to Science**

# I have co-developed and evaluated several widely used patient-reported survey including the Consumer Assessment of Healthcare Providers and Systems (CAHPS®), Medical Outcomes Study (MOS), and the Patient Reported Outcomes Measurement and Information System (PROMIS®) measures.

1. Stewart, A. L., **Hays, R. D.**, & Ware, J. E. (1988). The MOS short-form general health survey: Reliability and validity in a patient population. Medical Care, 26, 724-735. PMID: 3393032
2. **Hays, R. D.**, Shaul, J. A., Williams, V. S. L., Lubalin, J. S., Harris-Kojetin, L., Sweeny, S. F., & Cleary, P. D. (1999). Psychometric properties of the CAHPSTM 1.0 Survey measures. Medical Care, 37, MS22-31.
3. **Hays, R. D**., Spritzer, K. L., Schalet, B. D., & Cella, D. (2018). PROMS®-29 v2.0 profile physical and mental health summary scores. Quality of Life Research, 27, 1885-1891. PMCID: PMC5999556
4. **Hays, R. D**., Slaughter, M., Rodriquez, A., Edelen, M. O., & Herman, P. M. (2022 epub). Analyses of cross-sectional data to link the PEG with the Patient-Reported Outcomes Measurement and Information System (PROMIS®) global physical health scale. Journal of Pain. doi: 10.1016/j.jpain.2022.06.006
5. I have advanced the science of psychometric and other analysis methods.
6. Hayashi, T., & **Hays, R. D.** (1987). A microcomputer program for analyzing multitrait-multimethod matrices. Behavior Research Methods, Instruments, and Computers, 19, 345-348.
7. **Hays, R. D.**, & Ellickson, P. L. (1990). Longitudinal scalogram analysis: A methodology and microcomputer program for Guttman scale analysis of longitudinal data. Behavior Research Methods, Instruments & Computers, 22, 162-166.
8. **Hays, R. D**., Morales, L. S., & Reise, S. P. (2000). Item response theory and health outcomes Measurement in the 21st Century. Medical Care, 38 (Suppl.), II-28-II-42. PMCID: PMC1815384
9. **Hays, R**.**D**., Spritzer, K. L., & Reise, S. P. (2021). Using item response theory to identify responders to treatment: Examples with the Patient-Reported Outcomes Measurement Information System (PROMIS®) physical functioning and emotional distress scales. Psychometrika, Psychometrika, 86(3), 781-792
10. I have evaluated the impact of natural variation and interventions on patient experience with care.
11. Elliott, M. N., Adams, J. L., Klein, D. J., Haviland, A. M., Beckett, M. K., **Hays, R. D**., Gaillot, S., Edwards, C. A., Dembosky, J. W., & Schneider, E. C. (2021). Patient-reported care coordination predicts better receipt of clinical care. J Gen Intern Medicine, 36(12), 3665-3671. doi: 10.1007/s11606-021-07122-8
12. Ahmedov, M., Pourat, N., Liu, H., & **Hays, R. D**. (2021). Experience with ambulatory healthcare for Asians and non-Hispanic whites in the United States. Journal of Patient-Reported Outcomes. J Patient Rep Outcomes. 5(1):29. doi: 10.1186/s41687-021-00303-3.
13. Quigley, D. D., Burkhart, Q., Elliott, M. N., Slaughter, M. E., Chen, A. Y., Talamentes, E., & **Hays, R. D.** (2021). Shadow coaching improves patient experience with care, but gains erode later. Medical Care, 59(11), 950-960.
14. **Hays, R. D**., & Skootsky, S. A. (2022). Patient experience with in-person and telehealth visits before and during the COVID-19 pandemic at a large integrated health system in the United States. J Gen Intern Medicine, 37(4), 847-852. doi: 10.1007/s/11606-021-07196-4.

**Complete List of Published Work in MyBibliography:**

https://www.ncbi.nlm.nih.gov/myncbi/ronald.hays.1/bibliography/public/