
BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Hilary Llewellyn-Thomas		POSITION TITLE Professor of Community and Family 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 Toronto, Canada	BSc	1968	Nursing Science
University of Toronto, Canada	MSc	1977	Nursing Science (Community Health)
Institute of Medical Science, University of Toronto	PhD	1983	Decision Sciences

A. Positions and Honors

Positions and Employment

1983 - 1984 Assistant Professor, Faculty of Nursing, University of Toronto
1985 - 1987 Research Associate, Division of Biological Research, Ontario Cancer Institute
1987 - 1989 Senior Scientist, Division of Biological Research, Ontario Cancer Institute
1989 - 1995 Associate Professor, Faculty of Nursing, University of Toronto (tenured). Cross-Appointments:
Associate Professor, Faculty of Medicine, University of Toronto, in Graduate Departments of
Preventive Medicine & Biostatistics, and Institute of Medical Science
1990 - 2000 Cross-Appointment: Senior Scientist, Institute for Clinical Evaluative Sciences in Ontario
1995 - 2000 Professor, Nursing Science, School of Graduate Studies, University of Toronto. Cross-
Appointments: Professor, Faculty of Medicine, University of Toronto, in Graduate Departments of
Preventive Medicine & Biostatistics, Psychiatry, and Institute of Medical Science
1998 - 2000 Cross-Appointment: Professor and Core Faculty, Graduate Department of Clinical
Epidemiology and Health Care Research, Faculty of Medicine, University of Toronto
07/00- Professor, Department of Community and Family Medicine, Dartmouth Medical School (DMS);
Director, Academic Area in Health Care Decision Making, DMS;
Research Director, Center for Shared Decision Making, DHMC, Lebanon, NH
2002- Member, Cancer Control Research Program, Norris Cotton Cancer Center, Lebanon, NH

Honors

1979 - 1982 Ontario Ministry of Health Fellowship
1989 - 1994 1st term National Health Scholar, National Health Research & Development Program, Canada
1992 - 1995 Member, Editorial Board, *Medical Decision Making*
1993 - 1994 President, Society for Medical Decision Making
1994 - 1997 Member, Advisory Committee on Science & Research, Medical Research Council, Canada
1994 - 1999 2nd term National Health Scholar, National Health Research & Development Program, Canada
1992 - 1995 Member, Editorial Board, *Health Expectations*

B. Selected Peer-Reviewed Publications

Llewellyn-Thomas HA, Sutherland HJ, Ribshirani R, et al. "The measurement of patients' values in medicine."
In: *Professional Judgment: A Reader In Clinical Decision Making*, edited by J Dowie, A Elstein, University
Press: Cambridge, pp. 395-408, 1988.

Llewellyn-Thomas HA, McGreal MJ, Thiel EC, Fine S, Erlichman C (1991). Patients' willingness to enter clinical
trials: Measuring the association with perceived benefit and preference for decision participation. *Soc Sci &
Med* 32 (1): 35-42.

Llewellyn-Thomas HA, Sutherland HJ, Thiel EC (1993). Do patients' evaluations of a future health state change when they actually enter that state? *Med Care* 31 (11): 1002-1012.

Naylor CD, Llewellyn-Thomas HA (1994). Can there be a more patient-centered approach to determining clinically important effect sizes for randomized treatment trials? *J Clin Epidemiol* 47 (7): 787-795.

Llewellyn-Thomas HA, McGreal MJ, Thiel EC (1995). Cancer patients' decision making and trial entry preferences: The effects of "framing" information about short-term toxicity and long-term survival. *Med Decis Making* 15 (1): 4-12.

Llewellyn-Thomas HA (1995). *Presidential Address*: Patients' health care decision making: A framework for descriptive and experimental investigations. *Med Decis Making* 15 (2): 101-106.

Llewellyn-Thomas HA, Thiel EC, Sem FW, Woermke DE (1995). Presenting clinical trial information: A comparison of methods. *Patient Educ & Counsel* 25 (2): 97-107.

Llewellyn-Thomas HA, Williams JI, Levy L, Naylor CD (1996). Benign prostatic hyperplasia (BPH): Using a trade-off technique to assess patients' treatment preferences. *Med Decis Making* 16 (3): 162-172.

O'Connor AM, Llewellyn-Thomas HA et al (1997). Physicians' opinions about decision aids for patients considering systemic adjuvant therapy for axillary node-negative breast cancer. *Patient Educ & Counsel* 30 (2): 143-153.

Palda VA, Llewellyn-Thomas HA, Mackenzie RG, Pritchard KI, Naylor CD (1997). Breast cancer patients' attitudes about rationing postlumpectomy radiation therapy: Applicability of the probability trade-off method to policy-making. *J Clin Oncol* 15 (10): 3192-3200.

Llewellyn-Thomas HA, Thiel EC, Paterson M, Naylor D (1999). In the queue for coronary artery bypass grafting: Patients' perceptions of risk and 'maximal acceptable waiting time. *J Health Serv Res & Policy* 4 (2): 65-72.

O'Connor AM, Rostom A, Fiset V, Tetroe J, Entwistle V, Llewellyn-Thomas H, Holmes-Rovner M, Barry M, Jones J (1999). Decision aids for patients facing health treatment or screening decisions: A Cochrane Systematic Review. *BMJ* 319 (7212): 731-734.

Kennedy ED, Detsky AS, Llewellyn-Thomas HA, O'Connor BI, Varkul M, Steinhart AH, Cohen Z, McLeod RS (2000). Can the standard gamble be used to determine utilities for uncertain health states? An example using postoperative maintenance therapy in Crohn's disease. *Med Decis Making* 20 (1): 72-78.

Llewellyn-Thomas HA, Schwartz, C. "Response shift effects in patients' evaluations of health states: Sources of artifact." In: *Adaptation to Changing Health: Response Shift in Quality-of-Life Research*, edited by C Schwartz, M Sprangers, 109-122. American Psychological Association Press, 2000.

Morgan MW, Deber RB, Llewellyn-Thomas HA, Gladstone P, Cusimano RJ, O'Rourke K, Tomlinson G, Detsky AS (2000). Randomized, controlled trial of an interactive videodisc decision aid for patients with ischemic heart disease. *J Gen Intern Med* 15 (10): 685-693.

Holmes-Rovner M, Llewellyn-Thomas HA, Entwistle V, Coulter A, O'Connor AM, Rovner PR (2001). Patient choice modules for summaries of clinical effectiveness: A proposal. *BMJ* 322: 664-667.

Holmes-Rovner M, Llewellyn-Thomas HA, Elwyn G. "Moving to the mainstream." In: *Evidence-Based Patient Choice*, edited by G Elwyn, A Edwards. Oxford University Press, 2001.

Llewellyn-Thomas HA, Arshinoff R, Bell M, Williams JL, Naylor CD (2002). Healthy-year equivalents (HYEs) in major joint replacement: Can patients provide meaningful responses? *Int J Technol Assess Health Care* 18 (3): 467-484.

Llewellyn-Thomas HA, Paterson JM, Carter JA, Basinsk A, Myers MG, Hardacre GD, Dunn EV, D'Agostino RB, Wolf PA, Naylor CD (2002). Primary prevention drug therapy: Can it meet patients' requirements for reduced risk? *Med Decis Making* 22 (4): 326-339.

Paterson JM, Llewellyn-Thomas HA, Naylor CD (2002). Using disease risk estimates to guide risk factor interventions: field test of a patient workbook for self-assessing coronary risk. *Health Expect* 5 (1): 3-15.

Kaiser AS, Ferris LE, Pastuszak AL, Llewellyn-Thomas H, Johnson JA, Conacher S, Shaw BF (2002). The effects of prenatal group genetic counselling on knowledge, anxiety and decisional conflict: Issue for nuchal translucency screening. *J Obstet Gynaecol* 22 (3): 246-525.

C. Research Support

Current Research Support

Llewellyn-Thomas (PI) 1/01/03- 1/01/04
NIH/MCRC [Project 4 in Multidisciplinary Clinical Research Center in Musculoskeletal Diseases --Weinstein (PI)
1/01/03-12/31/07] Orthopaedic Surgeons' Opinions About Patients' Decision Aids For Elective Surgery For
Herniated Disc / Spinal Stenosis

This is a national survey of the members of the American Academy of Orthopaedic Surgeons, to assess the factors that could promote/impede the dissemination of effective patients' decision aids about elective surgery

1 P01 AG19783-01 Skinner (PI) 09/15/01 – 08/31/06

NIH/NIA

Causes and consequences of health care intensity

The major goal of this project is to improve understanding of the causes and consequences of regional variations in health care intensity, which could have important implications for the health and well-being of the elderly, for addressing health disparities and for the financial health of the Medicare trust funds.

Llewellyn-Thomas/Weinstein 01/01/98 – 06/30/03

Foundation for Informed Medical Decision Making

Dartmouth shared decision making project

The goal is to provide high quality evidence for new patients' decision aids; develop and test new methods to help patients comprehend risk/benefit probabilistic information; formulate and report personal preferences; and obtain qualitative and quantitative evaluation of clarity, acceptability and helpfulness.

Devins (PI) 1998 – 02

Medical Research Council of Canada

Gender and ethnocultural moderators of illness-intrusiveness across the life span

Project to characterize sex- and culture-specific factors that reduce intrusiveness of chronic illness on overall quality of life.

Kopek (PI) 2001 – 04

Canadian Arthritis Society

Measuring treatment preferences in patients with osteoarthritis of the hip and knee

Test use of threshold technique to gauge patients' relative strength of preference for different treatment options for Osteoarthritis.

Kuntz (PI) 2001 – 02

Endometriosis Association, U.S.A

Shared decision making in treating endometriosis: Assessing patients' preferences for the treatment of pain.

Project to compare balance technique & decision analytic modelling to gauge patients' relative strength of preference for different treatment options for endometriosis.

Role: Co-Investigator

Ritvo (PI) 2000 – 2007

Canadian Vaccine Network

Assisting novel bio-technology integration

Multi-project study to characterize public's attitudes towards novel bio-technology innovations.

Completed Research Support

Coulter, A. (PI) 2000
The Nuffield Trust, University of Oxford
Shared decision-making forum: Advancing the theory and practice of shared decision making

Multi-disciplinary forum to systematically review evidence base for patients' decision aids (DAs), design professional education programs and identify key health policy issues in SDM/DAs.

Beiser (PI) 1998 – 2000
Medical Research Council of Canada
Ensuring cultural equivalence of mental health measures: Depression and somatization

Project to test cross-cultural validity of cut-points used in community screening tools for depression.

McLeod (PI) 1998 – 1999
Crohn's & Colitis Foundation of Canada
A study to elicit patient minimal clinically important differences for maintenance therapy for Crohn's Disease

Project to gauge effect sizes required for future clinical trials in Crohn's Disease.

Sawka (PI) 1998 – 2000
Canadian Breast Cancer Foundation
A physician survey to assess willingness to participate in, or to support, a randomized trial of estrogen/hormone replacement therapy (ERT/HRT) in women with a previous diagnosis of breast cancer

Project to assess physician opinions about feasibility of RCTs in HRT after breast cancer.

Llewellyn-Thomas/Weinstein 10/01/01 – 10/01/02
Anthem Blue Cross / Blue Shield of New Hampshire
Center for Shared Decision Making

Project involves using patients' decision aids to provide evidence-based decision support for patients in a unique, hospital-based decision research laboratory.
