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Department of Economics
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EDUCATION:

1986-1992 Ph.D. Economics, Stanford University
1984-1985 Graduate Diploma, Economics, *pass with merit*, Australian National University
1981-1984 A.B. Economics, *magna cum laude*, Harvard University

APPOINTMENTS:

University

2009- Professor, Department of Economics, Rice University
2004- James A. Baker III Institute Chair in Health Economics, Rice University
2004- Associate Professor, Department of Medicine, Baylor College of Medicine
2004-2009 Associate Professor, Department of Economics, Rice University
2000-2005 Associate Professor, Department of Health Care Organization and Policy, School of Public Health, University of Alabama Birmingham
2000-2005 Scholar, Lister Hill Center for Health Policy, University of Alabama Birmingham
2000-2005 Director, Center for Aging, Health Policy and Aging Program, University of Alabama Birmingham
2000-2005 Steering Committee Member, Center for Outcomes and Effectiveness Research and Education, University of Alabama Birmingham
2001-2005 Scientist, Comprehensive Cancer Center, University of Alabama Birmingham
1996-2000 Assistant Professor of Economics and Management, Olin School of Business, Washington University in St. Louis
1991-1996 Assistant Professor, Department of Medicine, McGill University
1991-1996 Assistant Professor, Department of Economics, McGill University
1987-1991 Research Assistant, Department of Economics, Stanford University
1984-1986 Research Assistant, Research School for Social Sciences, Australian National University

APPOINTMENTS (cont.):

Hospital

- 1991-1996 Medical Scientist, Centre for the Analysis of Cost-Effective Care, Montreal General Hospital
1991-1996 Medical Scientist, Division of Clinical Epidemiology, Montreal General Hospital

OTHER PROFESSIONAL ACTIVITIES:

- 2004-2007 Member, Board of Scientific Counselors, National Center for Health Statistics

Referee for Social Science Journals: The American Economic Review, Applied Economics, Canadian Public Policy, Empirical Economics, Government and Policy, Health Economics, Journal of Econometrics, The Journal of Health Economics, The Journal of Human Resources, Nonprofit Management and Leadership, The Journal of Policy Analysis and Management, The Journal of Public Economics, The Rand Journal of Economics, The Southern Economics Journal

Referee for Clinical/Health Services Research Journals: The American Journal of Medicine, The Journal of the American Medical Association, Archives of Internal Medicine, BMC Health Services Research, Canadian Medical Association Journal, The Journal of Clinical Epidemiology, Clinical and Investigative Medicine, Health Services and Outcomes Research Methodology, Health Services Research, The Joint Commission Journal on Quality Improvement, Medical Care, The Milbank Quarterly, The New England Journal of Medicine, Pharmacoeconomics, Social Science and Medicine

INTERNAL REVIEWER FOR GRANTING AGENCIES

- 1995 Substance Abuse and Mental Health Services Administration, US Department of Health and Human Services
1996 National Health Research and Development Program, Health Canada
1998, 2003 National Institute of Aging, Special Emphasis Panel Committee for Program Project, NBER
1998 National Institute of Aging, Special Emphasis Panel Committee for Program Project, RAND
1999 National Institute of Aging, SSP Temporary Committee Member, February.
2000 Administration on Aging, Racial and Ethnic Approaches to Community Health 2010 for the Elderly (REACH 2010).
2001 National Institute of Aging, Special Emphasis Panel Committee for Program Project, CECS, Dartmouth Medical School
2002 National Institute of Allergy and Infectious Diseases, Risk, Prevention and Health Behavior IRG, Ad hoc Reviewer.
2002-2006 National Institutes of Health, Social Sciences, Nursing, Epidemiology and Methods 4/Health Services, Outcomes, and Delivery Study Section (Standing Committee member 2003-2006).

INTERNAL REVIEWER FOR GRANTING AGENCIES (cont.):

- 2003 American Cancer Society, Psychosocial, Behavioral, and Policy Research Committee, Ad hoc Reviewer.
- 2004 National Institute of Aging, Behavioral and Social Science of Aging Review Committee, Ad hoc Reviewer.
- 2004 National Institutes of Health, Center for Scientific Review, HSOD Members Special Emphasis Panel
- 2007-2008 National Institutes of Health, Center for Scientific Review, HSOD Members Special Emphasis Panel
- 2008 NIA Program Review Panel, Harvard Medical School
- 2009 National Institute on Aging, Special Emphasis Panel, Aging and Economics Program Review. Chair.

EXTERNAL REVIEWER FOR GRANTING AGENCIES:

- 1993-1996 FRSQ, Fonds de la recherche en santé du Québec
- 1993 U.S. National Research Council
- 1994-1996 MRC, Medical Research Council
- 1995 SSHRC, Social Sciences and Humanities Research Council
- 1995-1996 National Health Research and Development Program
- 1995 BC Health Research Foundation
- 1998 National Science Foundation
- 2003 National Institute on Aging Initial Review Group, Behavior and Social Science of Aging Review Committee, NIA-S
- 2008 The Donaghue Foundation

FELLOWSHIPS AND AWARDS:

- 1989-1990 John M. Olin Graduate Fellow, Stanford University
- 1991 Research Scholar Award, Montreal General Hospital Research Institute
- 1997-1998 John M. Olin Faculty Fellow, John M. Olin Foundation, New York
- 2001, 2004 Finalist, Teacher of the Year, School of Public Health, University of Alabama Birmingham

MAJOR COMMITTEE ASSIGNMENTS:

- 1992-1996 Member, Admissions and Duration of Stay Committee, The Montreal General Hospital
- 1992-1996 Member, Pharmacy and Therapeutics Committee, The Montreal General Hospital
- 1992-1996 Member, Case Management Advisory Committee, The Montreal General Hospital
- 1993-1994 Member, Research Institute Network Steering Committee - INTERNET
- 1996-2000 Member, Executive MBA in Health Services Management Curriculum Committee, Olin School of Business
- 1997-2000 Member, Executive MBA Curriculum Committee

MAJOR COMMITTEE ASSIGNMENTS (cont.):

- 2000 Member, Strategic Workgroup on Enrollment, School of Public Health, UAB
- 2001-2002 Chair, Search Committee, Economic Evaluation and Medical Decision Making, Department of HCOP, UAB.
- 2001-2002 Member, Search Committee, Mental Health Economist, Department of HCOP, UAB.
- 2001-2003 Member, Educational Policy Committee, School of Public Health, UAB
- 2002 Member, Research Advisory Committee, School of Public Health, UAB
- 2002 Member, Diversity and Affirmative Action Advisory Committee, School of Public Health, UAB
- 2002 Member, Search Committee, Department of Health Behavior Chair, School of Public Health, UAB
- 2005-2006 Member, Search Committee, Dean of Social Sciences, Rice University
- 2007 Member, Search Committee, Health Economist UT MD Anderson Cancer Center
- 2008-2009 Faculty Advisory Committee for Potential Rice and Baylor College of Medicine Merger
- 2009 Joint Baylor College of Medicine-Rice Faculty Task Force for Potential Merger
- 2009 Faculty Merger Review Committee for Potential Rice and Baylor College of Medicine Merger
- 2009 Research Subcommittee for Academic Matters for Potential Rice and Baylor College of Medicine Merger

PROFESSIONAL SOCIETIES:

- 1986- Member, American Economics Association
- 1989- Member, Committee on the Status of Women in The Economics Profession
- 1991-1994 Member, Association for Public Policy Analysis and Management
- 1992-1994 Member, Association for Research on Nonprofit Organizations and Voluntary Action
- 1990-1992 Member, The National Hospice Organization
- 1994- Member, International Health Economics Association
- 1995-1997 Board Member, Canadian Health Economics Research Association
- 2004- Member, American Society of Health Economists (Board Member 2004-2006)

TEACHING EXPERIENCE:

- 1992-1993 Department of Epidemiology and Biostatistics, McGill University:
513-678L "Health Economics"
(Co-supervisor with Dr. J. Hoey)
- 1995 Department of Epidemiology and Biostatistics, McGill University:
513-665C "Economic Evaluation of Pharmaceuticals: Introduction"
(Co-supervisor with Dr. S.A. Grover)
- 1995 Department of Epidemiology and Biostatistics, McGill University:
513-666L "Economic Evaluation of Pharmaceuticals: Advanced Applications"
(Co-supervisor with Dr. S.A. Grover)

TEACHING EXPERIENCE (cont.):

- 1996 Division of Experimental Medicine, McGill University:
516-630C “Economic Evaluation of Medical Technologies”
(Co-supervisor with Dr. S.A. Grover)
- 1997-1999 Division of Experimental Medicine, McGill University:
516-631L “Advanced Topics in Economic Evaluation”
- 1997-2000 Olin School of Business, Washington University:
B54-400A “Health Management and Policy” (BSBA level)
- 1997 Olin School of Business, Washington University:
B64-533 “Health Care Management” (MBA/PMBA level)
- 1997 Olin School of Business, Washington University:
MECO 536 “Management in the Health Care Industry” (EMBA level)
- 1998-1999 Olin School of Business, Washington University:
MECO 990 “Managerial Economics in Health Care” (EMBA level)
- 2000 Olin School of Business, Washington University
MEC 904 “Health Policy, Insurance, and Managed Care” (EMBA level)
- 2000-2002 Olin School of Business, Washington University
MEC 593A “Case Studies in Health Care Management” (MBA/PMBPA level)
- 2000-2002 School of Public Health, University of Alabama Birmingham
HCO601/HA645/HCO701/HA700 “Health Economics” (MSPH/MHA/PhD level)
- 2002-2004 School of Public Health, University of Alabama Birmingham
HCO 680 “Aging Policy” (Graduate level)
- 2005-2007 Rice University
Econ 481 “Health Economics” (Undergraduate level)
- 2006-2007 Rice University
Econ 565 “Health Economics” (PhD level)
- 2009 Rice University
Econ 516, Empirical Economics (PhD level)

Lectures given in courses:

- 1992 513-628C (Clinical Epidemiology - Economic Analysis)
- 1992-1995 513-656B (Health Care Technology Assessment - Economic Evaluation)
- 1993 513-632L (Clinical Decision Making - Economic Evaluation: Cost-Benefit, Cost-Effectiveness, and Cost-Utility Analyses)
- 1993 513-611B (Measurement in Health Care Research - Evaluating Cost Effectiveness)
- 1994-1996 524-402M (Community Health - Analysing the Costs of Medical Care)
- 1997-1999 B53-490 (Honors Seminar - Debate on the Canadian and U.S. Health Care Systems)
- 1997 B59-121 (Managerial Statistics II, Applying Econometric Tools in the Field of Health Care Management)
- 2001-2002 SPH 600 (The Integrated Public Health Care Curriculum, Supply and Demand)
- 2002-2003 HCO 603 (Public Health Policy, Medical Malpractice Insurance)

Lectures given in courses (cont.):

2008 Jones School of Management, Rice University, Certificate in Medical and Healthcare Management, Healthcare Reform and Provider Payment.

Students Supervised:

Postdoctoral:

1994-1996 Primary supervisor for Sylvie Perreault, Ph.D., funded by FRSQ Post-doc Fellow, Division of Clinical Epidemiology

Graduate:

2006-2007 Member of thesis committee for Timothy S. Gunning
2005 Member of thesis committee for Ernest Aguayo-Tellez
2001-2003 Chair of thesis committee for Michael Matthews
Dept. of Health Services Administration
2000-2002 Member of thesis committee for Matthew Rousculp
Dept. of Health Services Administration
1995-2000 Primary Supervisor for Eva Tsakonas, M.Sc.
Division of Experimental Medicine, PhD program in Health Care Economic Evaluation
1994-1996 Member of thesis committee for Xavier Kurd
Department of Epidemiology and Biostatistics

Undergraduate:

2005 Supervisor, Senior independent research project for David Ho
2004 Supervisor, Senior independent research project for John Varghese
2004-2005 Supervisor, Senior independent research project for Sabina Bharwani

INVITED SPEAKER:

2009 Dallas Federal Reserve Economic Summit, Traversing a Rough Terrain: The U.S. Economy. Dallas, TX "The U.S. Health Cost Crisis."
2009 Medical Grand Rounds, Baylor College of Medicine, Houston, TX. "The U.S. Health Cost Crisis."
2009 Houston VA Health Services Research and Development Center of Excellence, Houston, TX. "Controlling Health Care Costs in the New Administration."
2009 Houston Business Group on Health, Houston, TX. "The U.S. Health Cost Crisis."
2008 Greater Houston Partnership, Thought Leader Series, Houston, TX. "Are Rising Health Care Costs Inevitable?"
2008 Houston Economics Club, Federal Reserve Bank of Dallas, Houston, TX. "Are Rising Health Care Costs Inevitable?"
2007 Worksite Wellness: Impact Your Bottom Line Conference, Houston, TX. "Healthcare Costs: The State of the Union."

INVITED SPEAKER (cont.):

- 2007 Federal Reserve Bank of San Francisco Conference: The Costs and Value of New Medical Technologies. San Francisco, CA. "Learning effects and the diffusion of medical technology in a regulated environment."
- 2007 RAND Health Economics Seminar Series, Santa Monica, CA. "Certificate of Need for Cardiac Care: Controversy over the Contributions of CON."
- 2005 Kelsey Research Foundation, 6th Annual Health Services and Outcomes Research Conference, Houston, TX. "The Influence of Health Policy on Quality of Care."
- 2005 Department of Economics, Texas A&M University, "Quality and Cost Consequences of Cardiac Surgery Regulation."
- 2005 Section of Health Services Research, Baylor College of Medicine. "Does Certificate of Need Save Lives or Money?"
- 2004 Texas Lyceum. "Healthcare: A right or a privilege? Why have we reached an impasse?"
- 2004 Department of Medicine, Baylor College of Medicine. "Physician Supply, Treatment and Amputation Rates for Peripheral Arterial Disease."
- 2004 Department of Economics, Rice University. "Does Certificate of Need Affect Cardiac Outcomes and Costs?"
- 2003 Department of Health Administration and Policy, Medical University of South Carolina. "Does Certificate of Need Affect Cardiac Outcomes and Costs?"
- 2002 Center for Aging, University of Alabama Birmingham
"Peripheral Arterial Disease and Amputation Rates in the Medicare Population."
- 2001 Department of Health Policy and Management, Emory University
"Learning and the Evolution of Medical Technologies."
- 2001 Department of Economics, Finance and Legal Studies, University of Alabama
"Learning by Doing and the Diffusion of Medical Technologies."
- 2000 Department of Economics, University of Mississippi
"Learning and the Diffusion of Coronary Angioplasty."
- 2000 Carlson School of Management, University of Minnesota. "Learning by Doing and the Evolution of Medical Technologies."
- 2000 Work, Families, and Public Policy Brown Bag Seminar, Washington University.
"Learning by Doing and the Evolution of Medical Technologies."
- 1999 Department of Health Care Organization and Policy, University of Alabama Birmingham. "Learning by Doing and the Evolution of Medical Technologies."
- 1999 Division of General Medical Sciences, Washington University School of Medicine. "Evolution of the Volume-Outcome Relationship for Hospitals Performing Coronary Angioplasty."
- 1998 RAND Health, "Hospital mergers and acquisition: Does hospital market consolidation harm patients?"
- 1998 Work, Families, and Public Policy Brown Bag Seminar, Washington University.
"The impact of hospital mergers and acquisitions on patient outcomes."
- 1998 Division of Health Services Research and Policy, University of Minnesota School of Public Health, "Hospital mergers and acquisition: Does hospital market consolidation harm patients?"

INVITED SPEAKER (cont.):

- 1998 American Enterprise Institute Health Policy Discussion Series. "Hospital mergers and acquisitions: Does hospital market consolidation harm patients?"
- 1996 Work, Families, and Public Policy Brown Bag Seminar, Washington University. "An economic analysis of poor smokers."
- 1996 Division of General Medical Sciences, Washington University School of Medicine. "Does practice make perfect? Estimating volume-outcome relationships for hip fracture patients."
- 1996 Olin School of Management, Washington University. "Queuing for Surgery: Is Canada or the U.S. Worse Off?"
- 1995 Division of Clinical Epidemiology, The Montreal General Hospital. "An Economic Model for Comparing the Distribution of Physician Visits in Canada and the U.S."
- 1995 Institute for Clinical Evaluative Sciences, Sunnybrook Health Sciences Centre. "A Competing Risks Model of the Effect of Delay for Hip Fracture Surgery on Post-Surgery Outcomes."
- 1995 Division of Clinical Epidemiology, The Montreal General Hospital. "Pharmacoeconomics and Lipid Modifying Drugs."
- 1995 Medical Grand Rounds, The Montreal General Hospital, "The Cost-Effectiveness of HMG-CoA Reductase Inhibitors to Prevent CHD."
- 1994 School of Nursing, McGill University: "Fundamentals of Economic Evaluation."
- 1994 Division of Clinical Epidemiology, The Montreal General Hospital. "Delay for Hip Fracture Surgery in Quebec. What can Administrative Data Tell Us?"
- 1994 Annual Isobel MacLeod Conference, The Montreal General Hospital. "Is Patient-Focused Care Possible?"
- 1994 Secteur de la Santé Publique, Université de Montréal. "Income and Access to Care: A Comparison of physician and hospital service utilization in Canada and the United States."
- 1993 Department of Epidemiology and Biostatistics, McGill University: "The Effect of Income on Access to Care: Does Canada do Better than the U.S.?"
- 1993 Clinical Epidemiology Unit, Ottawa Civic Hospital: "Modelling the Simultaneous Relationship between Alcohol Consumption and Earnings."
- 1993 Division of Clinical Epidemiology, Jewish General Hospital: "Comparing the Effect of Income on Health Care Utilization in Canada and the U.S."
- 1993 Department of Pharmacology, University of Montreal, Workshop on Pharmacoeconomics: "Measuring Costs for an Economic Evaluation."
- 1992 Department of Economics, Tufts University: "Alcohol and Earnings: Is Drinking Good for You?"
- 1991 Department of Economics, McGill University: "The Medicare Hospice Benefit: The Effectiveness of Price Incentives in Health Care Policy."

RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR:

Title: The impact of the Medicare Hospice Benefit on hospices
Agency: Agency for Health Care Policy and Research
Duration: 1990-1991
Status: Completed

Title: Equity in the utilization of health care in Canada and the US
Agency: Social Sciences and Humanities Research Council of Canada
Duration: 1994-1997
Status: Completed

Title: An economic analysis of poor smokers
Agency: National Health Research and Development Program
Duration: 1995-1997
Status: Completed

Title: Use of lipid modifying drugs for the primary and secondary prevention of coronary heart disease (Co-P.I. with Dr. Louise Pilote)
Agency: Fonds de la recherche en santé due Québec
Duration: 1996-1998
Status: Completed

Title: Determining the indirect costs of coronary heart disease and their implications for the cost-effectiveness of primary prevention
Agency: National Health Research and Development Program
Duration: 1995-1996
Status: Completed

Title: Management of Peripheral Arterial Disease
Agency: Agency for Healthcare Research and Quality
Duration: 2001-2003
Status: Completed

Title: Cancer Surgery: Evolution of Volume, Outcomes & Costs
Agency: American Cancer Society
Duration: 2003-2007
Status: Completed

Title: Certificate of Need and Cardiac Outcomes
Agency: National Heart, Lung, and Blood Institute
Duration: 2004-2008
Status: Completed

RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR (cont.):

Title: Regionalizing cancer surgery
Agency: National Cancer Institute
Duration: 2006-2009
Status: Ongoing

RESEARCH GRANTS AS CO-INVESTIGATOR:

Title: Impact of waiting time on coronary artery bypass surgery
Agency: Fonds de la recherche en santé du Québec
Duration: 1993-1995
Status: Completed

Title: Evaluating the impact of computerized coronary risk profiles in general medical practice: The coronary health assessment study (CHAS)
Agency: Merck Frosst Canada Inc.
Duration: 1992-1994
Status: Completed

Title: Modifying specific risk factors to prevent the development of coronary heart disease: A cost-utility analysis incorporating quality of life measurements into the Coronary Heart Disease Prevention Model
Agency: Dairy Bureau of Canada
Duration: 1995-1997
Status: Completed

Title: There's no place like home: An evaluation of early discharge for stroke
Agency: National Health Research and Development Program
Duration: 1995-1998
Status: Completed

Title: Comparing health care costs, health status, and patient satisfaction between patients with systemic lupus erythematosus in Quebec, the United States, and the United Kingdom.
Agency: Fonds de la Recherche en Santé du Québec
Duration: 1995-1997
Status: Completed

Title: A Canadian multicenter, randomized, double-blind placebo-controlled study of methotrexate and leucovorin in systemic lupus erythematosus, a phase III trial.
Agency: Arthritis Society
Duration: 1995-1997
Status: Completed

RESEARCH GRANTS AS CO-INVESTIGATOR (cont.):

Title: The John M Eisenberg Center for Clinical Decisions and Communications Sciences
Agency: Agency for Healthcare Research and Quality
Duration: 2008-2010
Status: Ongoing

PEER-REVIEWED JOURNAL PUBLICATIONS: (Publications in 1993-1998 are listed under V. Hamilton)

1. **Hamilton V.** The Medicare hospice benefit: The effectiveness of price incentives in health care policy. *The RAND Journal of Economics* 1993; 24(4): 605-624.
2. **Hamilton V.** The impact of ownership form and regulatory measures on firm behavior: A study of hospices. *Nonprofit Management and Leadership* 1994; 4(4): 415-430.
3. **Hamilton V**, Racicot F, Zowall H, Coupal L, Grover SA. The cost-effectiveness of HMG-CoA Reductase Inhibitors to prevent coronary heart disease: estimating the benefits of raising HDL. *Journal of the American Medical Association* 1995; 273(13):1032-1038.
4. Vistnes J, **Hamilton V.** The time and monetary costs of outpatient care for children. *The American Economic Review* 1995; 85(2):117-121.
5. Hamilton B, **Hamilton V**, Mayo N. What are the costs of queuing for hip fracture surgery in Canada? *Journal of Health Economics* 1996; 15(2):117-121.
6. **Hamilton V**, Hamilton B. Alcohol and earnings: Does drinking yield a wage premium? *Canadian Journal of Economics* 1997; 30(1):135-151.
7. Gironimi G, Clarke AE, **Hamilton VH**, Danoff DS, Fries JF, Esdaile JM. Comparing health care expenditures between SLE patients in the US and Canada. *Arthritis and Rheumatism* 1996; 39(6):979-987.
8. *Perreault S, **Hamilton V**, Racicot F-E, Grover S. A head to head comparison of the cost-effectiveness of HMG-CoA reductase inhibitors and fibrates in different types of primary Hyperlipidemia. *Cardiovascular Drugs and Therapy* 1996; 15(2):161-185.
9. **Hamilton V**, Levinton C, St.-Pierre Y, Grimard F. The effect of tobacco tax cuts on cigarette smoking behavior in Canada. *Canadian Medical Association Journal*, 1997; 156(2):187-191.
10. Hamilton B, **Hamilton V.** Estimating surgical volume-outcome relationships applying survival models: Accounting for frailty and hospital fixed effects. *Health Economics* 1997; 6(4):383-395.

* The first author on this publication was a post-doctoral fellow under the primary supervision of V. Hamilton.

PEER-REVIEWED JOURNAL PUBLICATIONS (cont.):

11. **Hamilton V**, Merrigan P, Dufresne E. Down and Out: Estimating the relationship between mental health and unemployment. *Health Economics* 1997; 6(4):397-406.
12. *Perreault S, **Hamilton V**, Lavoie F, Grover SA. Treating hyperlipidemia for the primary prevention of coronary heart disease: Are higher doses of lovastatin cost-effective? *Archives of Internal Medicine* 1998; 158:375-381.
13. Hamilton B, **Ho V**. Does practice make perfect: Examining the relationship between hospital surgical volume and outcomes for hip fracture patients in Quebec. *Medical Care* 1998; 36(6): 892-903.
14. Benk V, **Ho V**, Fortin PR, Zhang G, Levinton C, Freeman CR. Predictors of delay in starting radiation treatment for patients with early stage breast cancer. *International Journal of Radiation Oncology/Biology/Physics*. 1998; 41(1):109-115.
15. **Hamilton VH**, Perreault S, Lavoie F, Grover SA. Cost-effectiveness of various lovastatin dosages for preventing coronary heart disease. *Cardiology Review*. 1998; 15(11): 41-44.
16. Clarke AE, Petri MA, Manzi S, Isenberg DA, Gordon C, Senécal J-L, Goulet JR, Choquette D, Sutcliffe N, Grodzicky T, Fortin PR, Joseph L, Penrod J, Danoff DS, **Ho V**, Esdaile JM. An international perspective on the well-being and health care costs for patients with systemic lupus erythematosus. *Journal of Rheumatology*. 1999; 26(7):1500-1511.
17. **Ho V**, Hamilton B, Roos LL. Multiple approaches to assessing the effects of delays for hip fracture patients in the U.S. and Canada. *Health Services Research* 2000; 34(7):1499-1518.
18. Hamilton B, **Ho V**, Goldman D. Queuing for Surgery: Is the U.S. or Canada Worse Off? *Review of Economics and Statistics* 2000; 82(2):297-308.
19. **Ho V**. Evolution of the volume-outcome relationship for hospitals performing coronary angioplasty. *Circulation* 2000; 101:1806-1811.
20. Pilote L, Lavoie F, **Ho V**, Eisenberg MJ. Changes in the Treatment of Acute Myocardial Infarction in Quebec Between 1988 and 1995. *Canadian Medical Association Journal* 2000; 163(1):31-36.
21. **Ho V.**, Hamilton B. Hospital mergers and acquisitions: Does market consolidation harm patients? *Journal of Health Economics* 2000; 19(5):767-791.
22. **Ho V**. Learning and the evolution of medical technologies: The diffusion of coronary angioplasty, *The Journal of Health Economics* 2002; 21(5): 873-885.

* The first author on this publication was a post-doctoral fellow under the primary supervision of V. Hamilton.

PEER-REVIEWED JOURNAL PUBLICATIONS (cont.):

23. Grover SA, **Ho V**, Lavoie F, Coupal L, Zowall H, Pilote L. The importance of indirect costs in primary cardiovascular disease prevention: Can we save lives and money with statins? *Archives of Internal Medicine*, 2003; 163:333-339.
24. **Ho V**, Heslin MJ. Effect of hospital volume and experience on in-hospital mortality for pancreaticoduodenectomy. *Annals of Surgery*, 2003; 237(4):509-514.
25. Benk V, Joseph L, Fortin PR, Zhang G, Belisle P, Levinton C, **Ho V**, Freeman CR. Effect of delay in initiating radiotherapy for patients with early-stage breast cancer. *Clinical Oncology*, 2004; 16(1):6-11.
26. **Ho V**. Certificate of need, volume, and percutaneous transluminal coronary angioplasty outcomes. *American Heart Journal*, 2004; 147(3):442-448.
27. Boylan R, **Ho V**. Tracking variations in cocaine deaths across U.S. cities. *Addiction Research and Theory*, 2004; 12(5):461-468.
28. **Ho V**, Wirthlin D, Yun H, Allison J. Physician supply, treatment, and amputation rates for peripheral arterial disease, *Journal of Vascular Surgery*, 2005; 42(1):81-87.
29. **Ho V**, Heslin MJ, Yun H, Howard L. Trends in hospital and surgeon volume and operative mortality for cancer surgery, *Annals of Surgical Oncology*, 2006; 13(6): 851-858.
30. **Ho V**. Does Certificate of Need affect cardiac outcomes and costs? *International Journal of Healthcare Finance and Economics*, 2006; 6(4): 300-324.
31. **Ho V**, Town RJ, Heslin MJ. Regionalization versus competition in complex cancer surgery, *Health Economics, Policy and Law*, 2007; 2(1): 51-71.
32. Ross JS, **Ho V**, Wang Y, Cha SS, Epstein AJ, Masoudi FA, Nallamothu BK, Krumholz HM. Certificate of Need regulation and catheterization appropriateness after acute myocardial infarction. *Circulation* 2007; 115: 1012-1019.
33. **Ho V**, Petersen LA. Estimating cost savings for regionalizing cardiac procedures using hospital discharge data. *Cost Effectiveness and Resource Allocation* 2007, **5**:7.
34. **Ho V**, Ross JS, Nallamothu BK, Krumholz HM. Cardiac Certificate of Need regulations and the availability and use of revascularization services. *American Heart Journal* 2007; 154(4): 767-775.
35. **Ho V**. Advanced diagnostic imaging: benefit or burden? *Medical Care* 2008; 46(5):455-457.
36. **Ho V**, Aloia TA. Hospital volume, surgeon volume, and patient costs for cancer surgery. *Medical Care* 2008; 46(7):718-725.

PEER-REVIEWED JOURNAL PUBLICATIONS (cont.):

37. Short M, Aloia TA, **Ho V**. Certificate of Need regulations and the availability and use of cancer resections. *Annals of Surgical Oncology* 2008; 15(7): 1837-1845.

38. Matthews KRW, **Ho V**. The grand impact of the Gates Foundation. *EMBO reports* 2008; 9(5): 409-412.

39. Krumholz HM, Keenan PS, Brush JE, Bufalino VJ, Chernew ME, Epstein AJ, Heidenreich PA, **Ho V**, Masoudi FA, Matchar DB, Normand SLT, Rumsfeld JS, Schurr JD, Smith SC, Spertus JA, Walsh MN. Standards for measures used for public reporting of efficiency in health care: a scientific statement from the American Heart Association Interdisciplinary Council on Quality of Care and Outcomes Research and the American College of Cardiology Foundation. *Circulation* 2008; 118: 1885-1893.

40. **Ho V**, Ku-Goto MH, Jollis JG. Certificate of Need for cardiac care: controversy over the contributions of CON. *Health Services Research*, 2009; 44(2 Pt 1): 483-500.

41. Mortensen K, Wilson RK, **Ho V**. Physical and Mental Health Status of Hurricane Katrina Evacuees in Houston in 2005 and 2006. *Journal of Health Care for the Poor and Underserved*, 2009; 20: 524-538.

BOOK CHAPTERS:

Gregory RG, **Ho V**, McDermott L, Hagan J. The Australian and US labour markets in the 1930's. In: B Eichengreen, TJ Hatten (eds.), "Interwar Unemployment in International Perspective". NATO ASI series, Kluwer Academic Publishers, 1988.

Gregory RG, **Ho V**, McDermott L. Sharing the burden: The Australian labour market during the 1930's. In: RG Gregory, NJ Butlin (eds.), "Recovery from the Depression, Australia and the World Economy in the 1930's". Cambridge University Press, 1988.

Gregory RG, Anstie R, Daly A, **Ho V**. Women's pay in Australia, Great Britain, and the United States: The role of laws, regulations, and human capital. In: RT Michael, HI Hartmann, B O'Farrell (eds.), "Pay Equity, Empirical Enquiries". National Academy Press, 1989.

Hamilton V. Risk selection: a major issue in internal markets. In: M Jérôme-Forget, J White, J Wiener (eds.), "Health Care Reform through Internal Markets." Institute for Research on Public Policy, Montreal; Brookings Institute, Washington D.C. 1995.

Pilote L, Lavoie F, **Ho V**, Eisenberg MJ. Technological change in heart attack care in Quebec. In: M McClellan, DP Kessler (eds.), "A Global Analysis of Technological Change in Health Care: The Case of Heart Attack." University of Michigan Press, 2002.

BOOK CHAPTERS (cont.):

Hamilton B, **Ho V**. Estimating surgical volume-outcome relationships applying survival models: accounting for frailty and fixed effects, "Econometric Analysis of Health Data." John Wiley & Sons LTD, 2002.

LETTER TO THE EDITOR:

Hamilton BH, **Ho V**, Estimating surgical volume-outcome relationships applying survival models: accounting for frailty and hospital fixed effects. In: A Jones, O O'Donnell (eds.), "Econometric Analysis of Health Data." John Wiley & Sons, 2002.

Hamilton V, Benk V, Fortin P. Health insurance coverage and clinical outcomes in women with breast cancer. Letter to the editor. *The New England Journal of Medicine* 1993;329(27): 2039.

Hamilton V, Levinton C, St-Pierre Y, Grimard F. Cutting tobacco taxes, endangering youth. *Canadian Medical Association Journal* 1997;156:1377.

Ho V. Health insurance and access to primary care for children. *The New England Journal of Medicine* 1998;339(1): 50-51.

Ho V. Certificate of Need regulations and hospital mortality. *JAMA* 2003;289(5):551.

Ho V. Controlling for patient risk in volume-outcome studies. *Archives of Internal Medicine* 2005; 165: 1664.

ABSTRACTS AND CONFERENCE PRESENTATIONS:

Hamilton V, Hamilton B. Alcohol and earnings: Is drinking good for you? Fourteenth Association for Public Policy Analysis and Management Conference. Denver, CO, October 28 - October 31, 1992.

Hamilton V. The impact of ownership form and regulatory measures on firm behavior: A study of hospices. Association for Research on Nonprofit Organizations & Voluntary Action. Annual Research Conference. New Haven, CT, October 30 - November 1, 1992.

Esrey S.A., **Hamilton V**. Environmental interventions: cost-effectiveness of interventions to improve hygiene/sanitation. Consultation on Cost-Effectiveness Interventions for Child Health: Technical Choices, Strategic Issues, and Priorities. Johns Hopkins University, USAID, World Bank. Baltimore, MD, November 30, 1992.

Hamilton V., Hamilton B. Alcohol in the workplace: Examining the impact of moderate and heavy drinking on workers' earnings. International Symposium on the Economics of Drug Abuse, Commonwealth Department of Health, Housing and Community Services. Canberra, Australia, April 30, 1993.

ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.):

Hamilton V., Hamilton B. Does universal health insurance equalize access to care: A Canada-U.S. Comparison. Fourth Annual Health Economics Conference. Northwestern University, June 11-12, 1993.

Hamilton V., Hamilton B. Does universal health insurance equalize access to care? National Bureau of Economic Research Summer Institute, Workshop on Health Care. Cambridge, MA. July 28-30, 1993.

Hamilton V., Hamilton B. How does income affect access to care? A comparison of US and Canadian health care systems. Association for Public Policy Analysis and Management Conference. Washington, DC. October 28-31, 1993.

Hamilton V. Comparisons between cost models: Which to use and how to compare data. Peripheral Blood Progenitor Cell Transplantation Symposium, Clinical, Practical and Economic Considerations. London Regional Cancer Centre. November 19, 1993.

Hamilton V. Risk selection. Institute for Research and Public Policy/ Brookings, International Conference on Health Care Cost Control: Market Mechanisms. Montreal. May 15-16, 1994.

Hamilton B., **Hamilton V.**, Mayo N. What are the costs of queuing for hip fracture surgery in Quebec? National Bureau of Economic Research Summer Institute, Workshop on Health Care. Cambridge, MA. July 27-29, 1994.

Benk V., **Hamilton V.**, Fortin P., Zhang G. Delay of radiation therapy (rt) in women with early stage breast cancer. The Royal College of Physicians and Surgeons of Canada Annual Meeting. Toronto, Ontario. September 14-19, 1994.

Clarke AE, Gironimi G, **Hamilton VH**, Bloch DA, Fries JF, Esdaile JM. Comparing health care expenditures and patterns of utilization in Canadian and American SLE patients. *Arthritis and Rheumatism* 1994;37(9supple):S419.

Benk V., Zhang G., **Hamilton V.**, Choi S., Fortin P., Freeman C.R. Les patientes attendent-elles pour leur irradiation mammaire? Association de Radio-Oncologies du Québec. Montreal. Quebec. June 4-7, 1995.

Vistnes J., **Hamilton V.** Do appointment delays affect the demand for outpatient care for children? The American Economic Association Annual Meetings. Washington, DC. January 6-8, 1995.

Goldman D., Hamilton B., **Hamilton V.** Queuing for surgery: Is the US or Canada worse off? The American Economic Association Annual Meetings. Washington, DC. January 5-7, 1996.

ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.):

Hamilton V, Hamilton B, Paarsch H. Access, utilization, and equity in Canada and the U.S.: An empirical model of physician visits. International Health Economics Association Inaugural Conference. Vancouver, BC. May 19-23, 1996.

Hamilton B, **Hamilton V**, Goldman D. Queuing for surgery: Is the U.S. or Canada worse off? International Health Economics Association Inaugural Conference. Vancouver, BC. May 19-23, 1996.

Hamilton B, **Hamilton V**. Does practice make perfect? Examining the relationship between hospital surgical volume and outcomes for hip fracture patients in Canada. International Health Economics Association Inaugural Conference. Vancouver, BC. May 19-23, 1996.

Hamilton V, Merrigan P, Dufresne E. Down and out: estimating the relationship between mental health and unemployment. Fifth European Workshop on Econometrics and Health Economics. Barcelona, Spain. September 11-13, 1996.

Hamilton B, **Hamilton V**. Estimating surgical volume-outcome relationships applying survival models: accounting for frailty and hospital fixed effects. Barcelona, Spain. September 11-13, 1996.

Benk V.M., **Hamilton V**, Zhang G, Fortin P, Levinton C, Freeman C. Excessive delay of radiation therapy and 5-year outcome in early-stage breast cancer. The Royal College of Physicians and Surgeons of Canada, Annual Meeting. Halifax, NS. September 26-29, 1996.

Benk V.M., **Hamilton V**, Zhang G, Fortin P, Levinton C, Freeman C. Excessive delay of radiation therapy and 5-year outcome in early-stage breast cancer. Radiological Society of North America, 82nd Scientific Assembly and Annual Meeting. Chicago, IL. December 1-6, 1996.

Hamilton V, Levinton C, St-Pierre Y., Grimard F. Effects of financial incentives: The impact of tobacco taxes on low income smokers in Canada. Canadian Health Economics Research Association, 7th Canadian Conferences on Health Economics, Ottawa, ON August 21-23, 1997.

Hamilton V, Grover SA, Lavoie F. Determining the indirect costs of coronary heart disease and their implications for the cost-effectiveness of primary prevention. Canadian Health Economics Research Association, 7th Canadian Conferences on Health Economics, Ottawa, ON August 21-23, 1997.

Clarke AE, Petri M, Manzi S, Isenberg D, Gordon C, Senecal JL, Sutcliffe N, Choquette D, Goulet JR, Grodzicky T, Fortin PR, Danoff DS, Levinton C, St-Pierre Y, **Ho V**, Esdaile JM. An international comparison of health resource utilization for patients with systemic lupus erythematosus (SLE). *Arthritis and Rheumatism* 1997;40(9 suppl):S316.

ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.):

Hamilton B, **Hamilton V**. The impact of hospital mergers and acquisitions on the quality and cost of patient care. Winter Meetings of the Econometrics Society, Chicago IL, January 3-5, 1998.

Hamilton B, **Ho V**. Hospital mergers and acquisitions: Does market consolidation harm patients? 9th Annual Health Economics Conference, Cornell University, Ithaca NY, June 28-29, 1998.

Hamilton B, **Ho V**. Hospital mergers and acquisitions: Does market consolidation harm patients? National Bureau of Economic Research, Health Care Workshop. Cambridge, MA. July 29-31, 1998.

Ho V. Learning by doing in the evolution of medical technologies. International Health Economics Association 2nd World Conference. Rotterdam, the Netherlands. June 6-9, 1999.

Ho V. Learning and the evolution of medical technologies: The diffusion of coronary angioplasty. National Bureau of Economic Research, Health Care Workshop. Cambridge, MA August 3-4, 2000.

Ho V. Evolution of the volume-outcome relationship. Fondazione Arturo Pinno Pintor. Symposium on Interventional Cardiology and Heart Surgery, Needs Appropriateness and Planning. Turin, Italy. January 20, 2001.

Ho V. Learning and its implications for regulating of the diffusion of medical technologies. International Health Economics Association 2001 Conference. York, England July 19-23, 2001.

Ho V. Proprietary and non-proprietary learning in cancer surgery. Western Economics Association International 77th Annual Conference. Seattle, WA June 29-July 3, 2002.

Ho V. Proprietary versus non-proprietary learning in cancer surgery. Southern Economics Association 71st Annual Conference. New Orleans, LA November 24-26, 2002.

Ho V., Heslin MJ. Regionalization versus competition in complex cancer surgery. Fourteenth Annual Health Economics Conference. RAND, Santa Monica, CA. April 27-28, 2003.

Ho V., Yun H, Wirthlin DJ, Allison JJ. Variations in management of peripheral arterial disease and amputation rates. 4th World Congress, International Health Economics Association. San Francisco, CA June 15-18, 2003.

Ho V. Does Certificate of Need affect cardiac outcomes and costs? 4th World Congress, International Health Economics Association. San Francisco, CA. June 15-18, 2003.

Ho V. Does Certificate of Need save lives or money? American Economics Association Annual Meeting. Philadelphia, PA January 7-9, 2005.

ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.):

Ho V., Town RJ. Heslin M. Regionalization versus competition in complex cancer surgery. 5th World Congress, International Health Economics Association. Barcelona, Spain. July 10-13, 2005.

Gowrisankaran G., **Ho V.**, Town RJ. Causality and the volume-outcome relationship in surgery. 5th World Congress, International Health Economics Association. Barcelona, Spain. July 10-13, 2005.

Gowrisankaran G., **Ho V.**, Town RJ. Causality and the volume-outcome relationship in surgery. American Economics Association Annual Meeting. Boston, MA January 6-8, 2006.

Short M., Aloia T., **Ho V.** The Effect of Certificate of Need on the Availability and Use of Cancer Resections. Academy Health Annual Research Meeting. Orlando, FL. June 3-5, 2007.

Ho V., Short M. Is Regionalization or Competition Better for Patient Welfare? Academy Health Annual Research Meeting. Washington, D.C. June 8-10, 2008.