

Curriculum Vitae
JULIA C. WITT

CONTACT INFORMATION

University of Manitoba
Department of Economics
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Winnipeg MB, R3T 5V5, Canada

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EMPLOYMENT HISTORY

Acting Chair, Research Ethics Board 2 (REB2, formerly JFREB and ENREB)	July 2020 –
Chair, Joint Faculty Ethics Research Board (JFREB)	July 2018 – June 2020
Graduate Chair	July 2018 –
Associate Professor of Economics Department of Economics University of Manitoba, Winnipeg, Canada	Apr. 2015 –
Visitor Melbourne Institute of Applied Economic and Social Research The University of Melbourne, Victoria, Australia	Feb. 2016 – May 2016
Visiting Researcher Robert Day School of Economics and Finance Claremont McKenna College, Claremont, CA, USA	Jan. 2013 – Jun. 2013
Assistant Professor of Economics Department of Economics University of Manitoba, Winnipeg, Canada	Sept. 2008 – Mar. 2015
Research Fellow (Applied Microeconomics – Health) Melbourne Institute of Applied Economic and Social Research The University of Melbourne, Victoria, Australia	Sept. 2005 – Sept. 2008
Post-Doctoral Fellow The Change Foundation and the Canadian College for Health Service Executives Toronto, Ontario, Canada	Apr. 2005 – Sept. 2005

EDUCATION

Ph.D. Economics University of Guelph, Ontario, Canada
Specialization: Health Economics/Applied Microeconomics

M.A. Economics University of Guelph, Ontario, Canada
Specialization: Health Economics

Hon. B.A. University of Toronto, Ontario, Canada
Economics and Environmental Management

RESEARCH

Peer-reviewed Papers Accepted for Publication/Submitted

Shafer LA, Shaffer S, Witt J, Nugent Z, Bernstein C “IBD Disability Index (IBDDI) is Associated with both Direct and Indirect Costs of Inflammatory Bowel Disease”, (2021) in press: *Inflammatory Bowel Diseases*

El-Matary W, Nugent Z, Witt J, Bernstein C “Editorial: trends in paediatric inflammatory bowel disease attributable direct costs - authors' reply” (2021) in press: *Alimentary Pharmacology & Therapeutics* DOI: 10.1111/apt.16376

El-Matary W, Nugent Z, Witt J, Bernstein C “Trends in Paediatric Inflammatory Bowel Disease-attributable Direct Costs: A Population-based Analysis” (2021) in press: *Alimentary Pharmacology & Therapeutics* DOI: <https://doi.org/10.1111/apt.16358>

Shaffer S, Witt J, Smielauskas F, Targownik L, Kao D, Lee C, Rubin D, Singh H, Bernstein C “Cost-effectiveness Analysis of Establishing a Fecal Microbiota Transplant Center for the Treatment of Recurrent *Clostridioides difficile* Infection”, (2020) *Journal of Infection* 81(5): 758 – 765

Thiessen K, Witt J, Peden A, Haworth-Brockman M, Nickel N, Morris M, Robinson K, Bourgeault I, Derksen S “Understanding the Nuances of Maternity Cost Studies: Why Context Matters”, (2021) *Canadian Journal of Midwifery Research and Practice* 20(1): 6 - 15

Scott A, Holte Helgheim J, Witt J “Preferences of Physicians for Public and Private Sector Work”, (2020) *Human Resources for Health* 18(1) DOI: 10.1186/s12960-020-00498-4

Scott A, Witt J “Loss Aversion, Reference Dependence and Diminishing Sensitivity in Choice Experiments”, (2020) *Journal of Choice Modelling* Vol. 37
<https://doi.org/10.1016/j.jocm.2020.100230>

Targownik L, Kaplan G, Witt J, Bernstein CN, Singh H, Tennakoon A, Aviña Zubieta A, Coward SB, Jones J, Keunzig E, Murthy SK, Nguyen GC, Peña-Sánchez JN, Benchimol E. “Longitudinal Trends in the Direct Costs and Health Care Utilization Ascribable to Inflammatory Bowel Disease in the Biologic Era: Results from a Canadian Population Based Analysis”, (2020) *American Journal of Gastroenterology* AJG-19-1183R1, 115(1): 128 – 137

Singh H, Nugent Z, Walkty A, Yu N, Lix L, Targownik L, Bernstein C, Witt J “Direct cost of health care for individuals with community associated *Clostridium difficile* infections: A population-based cohort study”, (2019) *PLOS ONE* 14(11): e0224609 (PONE-D-19-07711R1)

Targownik LE, Benchimol EJ, Witt J, Bernstein CN, Singh H, Lix L, Tennakoon A, Aviña Zubieta A, Coward S, Jones J, Kuenzig E, Murthy SK, Nguyen GC, Peña-Sánchez JN, Kaplan G “The Effect of Initiation of Anti-TNF Therapy on the Subsequent Direct Healthcare Costs of Inflammatory Bowel Disease” (2019) *Inflammatory Bowel Diseases Journal* Sept. 18 25(10): 1718 – 1728; doi: 10.1093/ibd/izz063.

Bernstein CN, Nugent Z, Targownik LE, Singh H, Snider C, Witt J “The cost of use of the Emergency Department by persons with inflammatory bowel disease living in a Canadian health region: A retrospective population-based study” (2019) *Journal of the Canadian Association of Gastroenterology* published online Feb. 19, 2019, <https://doi.org/10.1093/jcag/gwz001>

Witt J “Physician Recruitment and Retention in Manitoba: Results from a Survey of Physicians’ Preferences for Rural Jobs” (2017) *Canadian Journal of Rural Medicine* 22(2): 43 – 53

Scott A, Witt J, Duffield C, Kalb G. “What do nurses and midwives value about their job? Results from a discrete choice experiment.” (2015) *Journal of Health Services Research & Policy* 20(1), 31 – 38

Li J, Scott A, McGrail M, Humphreys J, Witt J. “Retaining rural doctors: doctors’ preferences for rural medical workforce incentives” (2014) *Social Science & Medicine* 121: 56 – 64. PMID 25306410

Roos L, Walld R, Witt J. “Adolescent Outcomes and Opportunities in a Canadian Province: Looking at Siblings and Neighbors” (2014) *BMC Public Health* 14: 506

Manji RA, Witt J, Tappia PS, Jung Y, Menkis AH, Ramjiawan B. “Cost-Effectiveness Analysis of Rheumatic Heart Disease Prevention Strategies”, (2013) *Expert Review in Pharmacoeconomics and Outcomes Research* 13(6)

Scott A, Witt J, Humphreys J, Joyce C, Kalb G, Jeon SH, McGrail M. “Getting doctors into the bush: General Practitioners’ preferences for rural location” (2013) *Social Science & Medicine* 96, 33 – 44.

Sivey P, Scott A, Witt J, Joyce C, Humphreys J, Kalb G. “What influences the choice of specialty of young doctors? A discrete choice experiment from the MABEL longitudinal study of doctors” (2012) *Journal of Health Economics* 31(6): 813 – 823.

Scott A, Jeon S, Joyce C, Humphreys J, Kalb G, Witt J, Leahy A. “A randomized trial and economic evaluation of the effect of response mode on response rate, response bias, and item non-response in a survey of doctors” (2011) *BMC Medical Research Methodology* 11:126.

Laskowski M, Demianyk BCP, Witt J, Mukhi SN, Friesen MR, McLeod RD. "Agent-Based Modeling of the Spread of Influenza-Like Illness in an Emergency Department: A Simulation Study" (2011) *IEEE Transactions on Information Technology in Biomedicine* 15(6): 877 – 889; PMID: 21813364.

Joyce C, Scott A, Jeon S, Humphreys J, Kalb G, Witt J, Leahy A. "Workforce participation of Australian doctors – Baseline cohort of the "Medicine in Australia: Balancing Employment and Life (MABEL)" longitudinal survey" (2010) *BMC Health Services Research* 10:50.

Witt J. "Addressing the Migration of Health Professionals: The Role of Working Conditions and Educational Placements" (2009) *BMC Public Health* 9(S1): S6.

Jensen P, Webster E and Witt J. "Hospital type and patient outcomes: An empirical examination using AMI re-admission and mortality records" (2009) *Health Economics* 18(12): 1440 – 1460.

Witt J, Scott A and Osborne R. "Designing Choice Experiments with Many Attributes. An Application to Setting Priorities for Orthopaedic Waiting Lists." (2009) *Health Economics* 18(6): 681 – 696.

Witt J. "The Effect of Information in the Utilization of Preventive Health Care Strategies: An Application to Breast Cancer." (2008) *Health Economics*, 17(6): 721 – 731.

Hoy M and Witt J. "Welfare Effects of Banning Genetic Information in Insurance Markets: The Case of the BRCA1/2 Genes" (2007) *Journal of Risk and Insurance*, 74(3): 523 – 546.

Witt J, Brauer P, Dietrich L and Davidson B. "Estimation of Human Resources Needs and Cost of Adding Registered Dietitians to Primary Care Networks" (2006) *Canadian Journal of Dietetic Practice and Research*, 67: S30 – S38.

Conference Publications (Abstracts)

Manji RA, Witt J, Menkis AH. "Is it more cost-effective to use steroids or colchicine in patients at moderate to high risk for atrial fibrillation to prevent post-cardiac surgery atrial fibrillation?" *Canadian Journal of Cardiology Supplement Vol 28 (5S)* September/October 2012 Page S384; Abstract 742.

Manji RA, Witt J, Jung Y, Northcott R, Menkis AH. "What is the most cost-effective method to prevent rheumatic heart disease in a developing world country?" (2012) *Circulation* 126; Abstract 14702

Manji RA, Witt J, Menkis AH. "Is it cost-effective to give a short course of low dose prophylactic steroids to cardiac surgery ICU patients at medium to high risk for postoperative atrial fibrillation?" *Canadian Journal of Cardiology Supplement Vol 27 (5S)* September/October 2011 Page S288; Abstract 620.

Academic Papers and Projects in Progress

"How Far is Too Far? The Effect of Physician Relocation on Healthcare Utilisation and Health Outcomes" (Oguzoglu U, Witt J)

“Look Ma, I’m OK! Intergenerational Transfers of Health Behaviors” (Oguzoglu U, Witt J)

“Estimating Indirect and Out-of-Pocket Disease-associated Costs in Pediatric Inflammatory Bowel Disease: a Nation-wide Cross-sectional Analysis” (El-Matary W, Witt J, Bernstein C, Jacobson K, Mack D, Otley A, Walters T, Huynh H, deBruyn J, Griffiths A, Benchimol E)

“Impact of the Timing of the Initial Exposure to Maternal Depression on Children’s School Readiness” (Ebeid M, Witt J)

“Cost-effectiveness analysis of transdiagnostic internet-delivered cognitive behaviour therapy with therapist support offered once-weekly or once-weekly supplemented with one-business-day: Results from a randomized controlled trial” (Guliani H, Witt J, Nugent M, Hadjistravopoulos H)

GRANTS

As Principal Investigator

Canadian Institutes of Health Research (CIHR) Open Operating Grant: “Towards Sustainable Rural Health Care: Combining Physicians’ Preferences with the Needs of Rural Residents”, Principal Investigator: Julia Witt, Co-investigators: Evelyn Forget, Alan Katz, Umut Oguzoglu; Grant Amount: \$208,230 (2014 – 2018).

Canadian Institutes of Health Research (CIHR) Dissemination Grant: “Canadian Health Economics Study Group (CHESG) Conference”, Principal Investigator: Julia Witt, Co-Applicant: Mati Dubrovinsky; Grant Amount \$11,553 (2013).

Canadian Institutes of Health Research (CIHR) and Manitoba Health Research Council (MHRC), Regional Partnership Program (RPP) Operating Grant: “Measuring physicians’ preferences regarding work and life in rural and remote regions for recruitment and retention policies”, Nominated Principal Investigator: Julia Witt and Co-Principal Investigator: Anthony Scott; Grant Amount \$79,486 (2011 – 2013).

Manitoba Health Research Council (MHRC), Open Operating Grant: “Measuring physicians’ preferences regarding work and life in rural and remote regions for recruitment and retention policies”, Principal Investigator; Grant Amount: \$66,121. Declined due to overlap with CIHR-RPP.

Arts Proposal Development Fund, University of Manitoba, Grant Amount \$1,000 (2009).

Research Assistant Grant, Department of Economics, University of Manitoba, Grant Amount \$1,200 (2009).

Start-Up Research Grant, University of Manitoba, Grant Amount \$10,000 (2008).

Faculty Research Grant, University of Melbourne: “A Simulation of the Effects of Incentives and Penalties for Purchasing Private Health Insurance in Australia”, Grant Amount A\$12,000 (2008).

As Co-Investigator

Co-Applicant: Canadian Institutes for Health Research (CIHR), COVID-19 Research. "Making Visible the Life Stories of Families of Children who are Immunocompromised during COVID-19" Principal Investigator: Roberta Woodgate, University of Manitoba; Amount: \$239,063 (2021 – 2023)

Co-Applicant: Social Science and Humanities Research Council (SSHRC), Partnership Grant. "Community-Driven Solutions to Poverty: Challenges and Possibilities" Principal Investigator: John Loxley, University of Manitoba; Amount: \$2.5 million (2020 – 2027)

Co-Applicant: Canadian Institutes of Health Research (CIHR), Project Grant. "Abinoonjees Nikanenim: Delivering Mental Health Services to Youth Living in Island Lake Anishinew Nations" Principal Investigator: Roberta Woodgate; Amount: 1,296,676 (2020 – 2025)

Co-Applicant: Social Science and Humanities Research Council (SSHRC), Individual Partnership Engage Grants (PEG) COVID-19 Special Initiative. "Finding Solutions for the Challenges Faced by Young Workers in the COVID-19 Era" Principal Investigator: Roberta Woodgate; Amount: \$25,000 (2020 – 2021)

Co-Applicant: Canadian Institutes of Health Research (CIHR), Team Grant: Transitions in Care. "Facilitating transitions and access across the pregnancy continuum of care – A Health System Intervention for Indigenous Women Living in Northern Manitoba" Principal Investigator: Patricia Gregory, Red River College; Amount: \$944,444 (2019 – 2023)

Co-Applicant: Social Science and Humanities Research Council (SSHRC), Partnership Development Grant: "Across the spectrum: building a multi-sector partnership to conduct social policy evaluation and research using big data", Applicant: Marni Brownell; Amount: \$199,960 (2019 – 2021)

Co-Applicant: Canadian Institutes of Health Research (CIHR). "Welcoming the 'Sacred Spirit' (child): Connecting Indigenous and Western 'ways of knowing' to inform future policy partnerships to optimize maternal child health service delivery initiatives in remote Canadian regions", Principal Investigators: Dr. Kellie Thiessen and Elder Katherine Whitecloud. Amount: \$810,901 (2019 – 2024)

Co-Applicant: Social Sciences and Humanities Research Council (SSHRC) Insight Grant, "Indigenous Youth Aging out of the Child Welfare System in Manitoba: Where do we go from here?" Principal Applicant: Roberta Woodgate; Amount: \$80,043 (2019 – 2022)

Co-Applicant: Canadian Institutes of Health Research (CIHR), SPOR iCT Rewarding Success – Development Grant: "Putting Children First: Delivering Quality and Cost-Effective Mental Health Services to Children and Youth Living in First Nations Communities", Principal Investigator: Roberta Woodgate; Amount: \$100,000 (2018 – 2019)

Canadian Institutes of Health Research (CIHR), Institute of Genetics, Institute of Population and Public Health and Institute of Aging: "Impact on Consumer Welfare of Genetic Testing" Co-Investigator with Prof. M. Hoy (PI) and Prof. M. Polborn, Grant Amount \$35,000 (2003).

GRANT APPLICATIONS IN PROGRESS/SUBMITTED

CIHR Operating Grant: “Meeting Patient Needs: Innovative Access to Opioid Therapy Service”, PI: Els Duff

Canada Research Coordinating Committee New Frontiers in Research Fund: “Using Social Innovation to Build Inclusive Societies for Youth Living with Mental Illness”, PI: Roberta Woodgate

CIHR Operating Grant: “Building A Patient and Community-Focused Care Model for Managing Long-haul COVID Symptoms: A Mixed Methods, Key Stake-holder Driven Care Delivery Innovation”, PI: Diana McMillan

TEACHING EXPERIENCE

Graduate	Microeconomics Theory, Applied Microeconomics (Health)
Undergraduate	Workshop in Canadian Economic Policy, Canadian Economic Problems, Introductory Microeconomics, Intermediate Microeconomics

CONFERENCES (with presentation)

European Economics Association (Köln, Germany, 2018)
*European Society for Population Economics (St. Gallen, Switzerland, 2017)
International Health Economics Association (iHEA) Congress (Boston, USA, 2017)
Workshop in Honour of Wayne Simpson (Winnipeg MB, 2015)
International Health Economics Association (iHEA) Congress (Sydney, Australia, 2013)
International Health Economics Association (iHEA) Congress (Toronto ON, 2011)
Canadian Health Economics Study Group (CHESG) Meetings (London ON, 2011)
European Society for Population Economics, (Seville, Spain, 2009)
Delta Marsh Retreat on Health Economics (Delta Marsh MB, 2008)
Australian Health Economics Society (AHES) Conference (Brisbane, Australia, 2007)
Canadian Health Economics Study Group (CHESG) Conference (Toronto ON, 2005)
Canadian College for Health Service Executives Executive Forum (Niagara-on-the-Lake ON, 2005)
American Public Health Association (APHA) Conference (Washington DC, 2004)
Canadian Health Economics Study Group (CHESG) Conference (Montreal QC, 2004)
Atlantic Canada Economics Association (ACEA) Conference (Charlottetown PEI, 2003)
Canadian Health Economics Study Group (CHESG) Conference (Banff AB, 2003)
American Public Health Association (APHA) Conference (Philadelphia PA, 2002)
Canadian Health Economics Research Association (CHERA) Conference (Halifax NS, 2002)
ANPEC Encontro Nacional de Economia (Conference) (Salvador, Brasil, 2001; sponsored by Conselho Federal de Economia (cofecon) and Conselho Regional de Economia (corecon), Rio de Janeiro, RJ, Brazil)
Atlantic Canada Economics Association (ACEA) Conference (Fredericton NB, 2001)
Canadian Health Economics Research Association (CHERA) Conference (Toronto ON, 2001)
American Public Health Association (APHA) Conference (Boston MA, 2000)

EXTERNAL SEMINARS

Manitoba Health, Physician Recruiter Meeting (Winnipeg MB, 2013)
University of Melbourne, MIAESR (Melbourne, Australia, 2013)
Canadian Association of Staff Physician Recruiters (CASPR) Annual Conference (Saskatoon SK, 2013)
University of Melbourne, School of Population Health (Melbourne, Australia, 2007)
Monash University, Centre for Health Economics (Melbourne, Australia, 2007)
Australian Centre for Economic Research in Health, Australian National University (Canberra, Australia, 2006)
Mount Allison University (Sackville NB, 2003)
University of New Brunswick (Fredericton NB, 2003)
Clinical Epidemiology Rounds, University of Toronto Seminar (Toronto ON, 2000)

SKILLS

Programming: NLOGIT, SAS, Stata, Fortran, Matlab, SPSS
Specialized Software: DATA 3.0, DATA 3.5, Speed, Ngene, TreeAge
Fluent in English and German; working knowledge of French

SCHOLARLY REFEREEING AND SERVICE

Acting Chair	Research Ethics Board 2 (July 2020 –)
Chair	Joint Faculty Research Ethics Board (July 2018 – June 2020) Graduate Studies Committee (July 2018 –)
Referee	<i>Journal of Choice Modelling, Journal of Policy Analysis and Management, Health Economics, Social Science and Medicine, Value in Health, Journal of Health Services Research and Policy, Southern Economic Journal, Journal of Health Services Research, European Journal of Health Economics, Journal of Socio-Economics, Australian Journal of Labour Economics, Health Policy, Economics and Law, Journal of Economics & Management Strategy, BMC Health Services Research</i>
Referee	CIHR COVID-19 Rapid Research Funding Opportunity, Reviewer CIHR Post-graduate Fellowships, Reviewer CIHR Foundation Scheme Pilot Stage I Reviewer CIHR Health Policy & Systems Management Research Committee Member Canadian Cancer Society, External Reviewer National Institute for Health Research <i>Health Technology Assessment</i> (NIHR HTA) program Health Research Board of Ireland, External Grant Application Reviewer NSF Australian Research Council (ARC) Assessor
Translator	<i>Substance Use and Misuse</i> (abstracts from English to German)

Committees	<p>Local Area Health and Safety Committee, Faculty of Arts, University of Manitoba (2020 –)</p> <p>Health Research Training A – Post-PhD (HTA), CIHR (2018 –)</p> <p>Joint Faculty Research Ethics Board, University of Manitoba (2016 – 2020); new title: Research Ethics Board 2 (2020 –)</p> <p>Hiring Committees: Economics (2012; 2020), Community Health Sciences (2019; 2020)</p> <p>Graduate Studies Committee, University of Manitoba (2012 –)</p> <p>Canadian Women Economists Network (CWEN), Communications Officer (2010 – 2014)</p> <p>General Studies Committee, University of Manitoba (2008 – 2012)</p> <p>Interdisciplinary Health Program Council, University of Manitoba (2012 – 2015)</p> <p>Research Committee, University of Manitoba (2012)</p> <p>Applied Microeconomics Graduate Field Committee, University of Manitoba (2008 –)</p> <p>Internal Review Committee, University of Guelph: Ph.D. Student Member for the Internal Review of the School of Hotel and Food Administration (2002)</p>
Ph.D. Chair	<p>Oral Ph.D. Examinations:</p> <p>Department of Psychology, University of Manitoba (2010)</p> <p>Department of Statistics, University of Manitoba (2021)</p>
Organizer	<p>Canadian Health Economics Study Group (CHESG) Annual Conference, University of Manitoba, Winnipeg MB, May 2013</p>

STUDENT SUPERVISION

Ph.D.	<p>Current:</p> <p>Shantanu Debbarman (committee member)</p> <p>Mingjin Xia (committee member)</p> <p>Nusrat Jahan (committee member)</p> <p>Completed:</p> <p>Mohamed Ebeid (co-supervisor)</p> <p>Mina Alizadehsadrnaneshpour (co-supervisor)</p> <p>Jing Han (supervisor)</p> <p>Pranay Das (committee member)</p> <p>Matthew Stargarder (committee member)</p>
M.A.	<p>Completed:</p> <p>Amena Choudhury (2012), Samanta Fahrenaz (2014), Sangyukta Nath (2015), Sanchita Sarker (2016)</p>

MEMBERSHIPS AND AFFILIATIONS

European Economics Association
Deutsche Gesellschaft für Gesundheitsökonomie
International Health Economics Association
Canadian Health Economics Study Group

PROFESSIONAL DEVELOPMENT

Choice Experiment Design Course, by Prof. John M. Rose and Prof. Michiel Bliemer, Institute of Transport & Logistics Studies, Faculty of Economics & Commerce, University of Sydney, NSW, Australia (February 2006).