

ELISABET RODRIGUEZ LLORIAN
CURRICULUM VITAE

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EDUCATION AND TRAINING

Postdoctoral Research Fellow (Health Economics) Collaboration for Outcomes Research and Evaluation (CORE) The University of British Columbia (UBC), Canada	06/2020 - current
Ph.D. (Economics) University of Manitoba (UofM), Canada	09/2016 – 05/2020
M.A. (Economics) University of Manitoba, Canada	09/2015 - 07/2016
Bachelor Summa Cum Laude (Economics) University of Havana, Cuba	09/2009 - 07/2014

RESEARCH GRANTS

endMS Postdoctoral Fellowship Award , \$41,000 (1 year) Project: “The Economic Burden of Multiple Sclerosis in Canada: Exploring Policy and Research Implications Through Real-World Data” Role: Main Applicant; Supervisor: Dr. Larry Lynd	2022-2023
Mitacs Accelerate , \$90,000 over 6 internships (each 4 month-length) Host: UBC; Partner Institution: Centre for Health Evaluation and Outcome Sciences (CHEOS) Project: “Predictive modeling in multiple sclerosis: using real-world data to inform practice, policy, and research” Role: Main Applicant; Supervisors: Dr. Larry Lynd & Dr. Wei Zhang	2021 -2023
NanoMedicines Innovation Network (NMIN) Strategic Initiatives , \$240,000 Project: “An early health technology assessment (eHTA) platform to inform nanomedicine development decisions and improve commercialization” Role: Researcher; PI: Dr. Larry Lynd	2021-2023
The Dr. Paul H. T. Thorlakson Foundation Fund Grant , \$18,786 Project: “Economic Evaluation of IT in Healthcare: the benefits of telemedicine and EMRs” Role: Graduate Student Collaborator; PI: Dr. Gregory Mason	2018-2019

AWARDS & RECOGNITIONS

Faculty of Arts Endowment Fund; \$800-\$900	2017, 2020
Clarence Barber Memorial Award (Economics student with high academic standing); \$1,850	2017
International Graduate Student Scholarship; \$5,400	2016, 2017
University of Manitoba Graduate Fellowship (UMGF); \$72,000 over 48 months	2016
J.S. Lightcap Award (Highest-ranked Ph.D. applicant in the UMGF competition); \$8,000	2016
Alfred Rea Tucker Memorial Scholarship; \$3,150 (Top-ranked Master student UMGF)	2015
International Graduate Student Entrance Scholarship (IGSES); \$5,448	2015
Manitoba Graduate Scholarship (MGS); \$15,000 over 12 months	2015
University of Manitoba Graduate Fellowship; \$14,000 (Declined in favor of the MGS)	2015
First Position, National Forum for Students of Social Sciences	2014
First Position, Annual Research Student Seminar of the School of Economics	2014
First Position, University of Havana Student Scientific Forum	2013

Conference Grants

Postdoctoral Fellow Travel Award, The University of British Columbia; \$250	2021
University of Manitoba Graduate Students' Association Conference Grant; \$500	2018
Faculty of Arts Graduate Student Conference Travel Award; \$200 -\$350	2016, 2017, 2018
Conference Travel Grant Canadian Economics Association; \$200-300	2016, 2017, 2018
Faculty of Graduate Studies Travel Award; \$750	2016, 2017

RESEARCH & PUBLICATIONS

Journal Articles (Peer-Reviewed)

Rodriguez Llorian E., Dragojlovic N., Campbell, T., Friedman J., Osiovich, H., RAPIDOMICS Study, Elliott A. M., & Lynd L. D. (2022). The Impact of Rapid Exome Sequencing on Downstream Healthcare Utilization for Infants with Suspected Genetic Disorders in an Intensive Care Unit [Accepted *Genetics in Medicine*]

Rodriguez Llorian, E., Zhang, W., Khakban, A., Patten, S., Traboulee, A., Oh, J., Kolind, S., Prat, A., Tam, R., & Lynd, L. D. (2022). Productivity losses among people with early Multiple Sclerosis. A Canadian Study. *Multiple sclerosis (Houndmills, Basingstoke, England)*, 13524585211069070. Advance online publication. <https://doi.org/10.1177/13524585211069070>

Borle, K., Kopac, N., Dragojlovic, N., **Rodriguez Llorian, E.**, Friedman, J. M., GenCOUNSEL Study, Elliott, A. M., & Lynd, L. D. (2022). Where is genetic medicine headed? Exploring the perspectives of Canadian genetic professionals on future trends using the Delphi method. *European Journal of Human Genetics*, 1–9. <https://doi.org/10.1038/s41431-021-01017-2>

Rodriguez Llorian, E., & Mann, J. (2021). Exploring the Technology-Healthcare Expenditure Nexus: A Panel Error Correction Approach. *Empirical Economics*. <https://doi.org/10.1007/s00181-021-02125-0>

Rodriguez Llorian, E., & Mason, G. (2021). Electronic Medical Records and Primary Care Quality: Evidence from Manitoba. *Health Economics*, 30(5), 1124-1138. <https://doi.org/10.1002/hec.4249>

Rodriguez Llorian, E., & Mason, G. (2021). Healthcare Utilization and Telemedicine: An Evaluation Using Linked Administrative Data from Manitoba. *Journal of Telemedicine and Telecare*, 0(0), 1-9. <https://doi.org/10.1177/1357633X20981227>

Rodriguez Llorian, E., & Mann, J. (2020). Data on medical technology: A new set of variables. *Data in Brief*, 30, 105534. <https://doi.org/10.1016/j.dib.2020.105534>

Doimeadios Reyes, Y., & **Rodriguez Llorian, E.** (2015). Un análisis comparado de eficiencia y eficacia en el sector público en Cuba. *Economía y Desarrollo*, 155(2), 44-59.

<https://www.redalyc.org/articulo.oa?id=425543135004>

Submitted Manuscripts & Working Papers

Borle K., Kopac N., Dragojlovic N., **Rodriguez Llorian E.**, GenCOUNSEL Study, & Lynd L.D. Defining need amid exponential change: conceptual challenges in workforce planning for genetic services [Submitted *Health Policy*]

Khakban, A., **Rodriguez Llorian E.**, Michaux, K., Patten, S., Traboulosee, A., Oh, J., CanProCo Study Team & Lynd, L.D. Direct costs associated with multiple sclerosis: A population-based study [Submitted *Neurology*]

Work in Progress

Early health technology assessments (eHTA): A review of conceptual frameworks

Biorepositories containing genetic information. A systematic literature review on research and clinical outcomes

Employment status, productivity loss and associated factors amongst people with Multiple Sclerosis

Exploring factors affecting genetic counsellor's career preferences: a discrete choice experiment

Newspaper and magazine articles

Mason, G. & **Rodriguez Llorian, E.** (2020, July 17). Virtual care will revolutionize Canadian health care. *Financial Post*. Retrieved from <https://financialpost.com/opinion/virtual-care-will-revolutionize-canadian-health-care/wcm/86521533-881b-4396-ad76-a9a081e8af79/>

Rodriguez Llorian, E., Álvarez Mendez, O., and Cribeiro Diaz, Y. (2015, April). Impacto del diferencial de precios de importación sobre la balanza comercial de Cuba: el caso de los alimentos. *Revista Mercado*, 8-14. Retrieved from <http://www.procuba.cu/es/content/no73-abril-junio-2015>

Research Reports

Rodriguez Llorian, E., & Loxley, J. (2019). *A Framework for Assessing Social Impact of The Jubilee Fund: The Case of Daycare Programs*. Report prepared for the Jubilee Fund.

Loxley, J., & **Rodriguez Llorian, E.** (2019). *The Impact of the Mary River Project on GDP Forecasts for Nunavut: A Critical View*. Report prepared for Oceans North.

Conference Proceedings

Rodriguez Llorian, E., & Mann, J. (2017). *The Relationship between Healthcare Expenditure and Income in Latin American and Caribbean Countries: A Panel Time Series Approach*. Canadian Stata Users' Group Meetings 2017 03, Stata Users Group. Available at <https://ideas.repec.org/p/boc/csug17/03.html>

RESEARCH ASSISTANTSHIPS (Graduate Studies)

Dr. Shauna MacKinnon, Urban and Inner-City Studies, University of Winnipeg 2019 – 2020
(in collaboration with the Canadian Community Economic Development Network)

Project: **Community-Based Organizations: Experiences with Neighbourhoods Alive! and the Building Sustainable Communities Program**

Responsibilities: Participated in survey design and lead processing of information and statistical analysis.

Dr. John Loxley, Economics Department, University of Manitoba 2018 – 2019

Project: **Assessment of the Mary River Project: Impacts and Benefits**

Responsibilities: Conducted literature reviews and created case studies on aboriginal agreements and the mining industry

Dr. Gregory Mason, Economics Department, University of Manitoba 2018 - 2019

Project: **Evaluation of IT in Healthcare**

Responsibilities: Conducted literature reviews; contributed to the preparation of applications for research grants by providing assistance in research design and manuscript writing; collected and processed data in SAS; performed statistical analysis.

Dr. Janelle Mann, Economics Department, University of Manitoba 2016 – 2019

Project: **The Unintended Consequences of Fuel Ethanol: Market Competitiveness and Climate Change**

Responsibilities: Contributed to the preparation of applications for research grants by providing assistance in manuscript writing; collected and processed data.

PRESENTATIONS

Invited Seminar Presentations

Productivity Loss Among People with Multiple Sclerosis: A Canadian Study. At the University of Regina. Department of Economics (2021, October)

Research Conference Presentations (presenter in bold)

Rodriguez Llorian, E., Zhang, W., Khakban, A., Patten, S., Traboulee, A., Oh, J., Kolind, S., Prat, A., Tam, R., & Lynd, L.D. (2022, May). *Productivity Loss Among People with Multiple Sclerosis: A Canadian Study* [Presentation]. Graduate Student and Postdoctoral Fellow Research Symposium, University of British Columbia, Vancouver, BC, Canada

Borle, K., Kopac, N., Dragojlovic, N., Rodriguez Llorian E., & Lynd, L.D. (2021, October). *Defining need amid exponential change: conceptual challenges in workforce planning for genetic medicine* [Lightning Talk]. World Congress on Genetic Counselling 2021, Virtual Conference.

Khakban, A., Rodriguez Llorian, E., Patten, S., Traboulee, A., & Lynd, L.D. (2021, October). *Direct cost associated with Multiple Sclerosis and Important Components; A Population-Based Study 1997-2017* [Poster Presentation]. 2021 Annual Meeting of the Consortium of Multiple Sclerosis Centers, Orlando, FL, USA

Rodriguez Llorian, E., Zhang, W., Khakban, A., Patten, S., Traboulee, A., Oh, J., Kolind, S., Prat, A., Tam, R., & Lynd, L.D. (2021, June). *Productivity Loss Among People with Multiple Sclerosis: A Canadian Study* [Presentation]. Canadian Economics Association Annual Conference, Burnaby, BC, Canada

Rodriguez Llorian, E., Zhang, W., Khakban, A., Patten, S., Traboulee, A., Oh, J., Kolind, S., Prat, A., Tam, R., & Lynd, L.D. (2021, May). *Productivity Loss Among People with Multiple Sclerosis: A Canadian Study* [Presentation]. Graduate Student and Postdoctoral Fellow Research Symposium, University of British Columbia, Vancouver, BC, Canada

Borle K., Kopac N, Dragojlovic N, Rodriguez Llorian E, Friedman J, Elliott AM, & Lynd L. (2021, April). *Future trends in clinical genetics services: exploring the perspectives of Canadian genetics professionals using the Delphi method* [Poster Presentation]. American College of Medical Genetics annual conference, Virtual Format
<https://www.sciencedirect.com/science/article/pii/S1096719221006338>

Joseph, H., Borle, K., Dragojlovic, N., Dhillon, M., Kitchin, V., Kopac, N., **Rodriguez Llorian, E.**, Ross, C., & Lynd, L.D. (2020, September). *Economic Evidence on Potentially Curative Gene Therapy Products: A Systematic Review* [Poster Presentation]. Virtual Vancouver Nanomedicine Day, Vancouver, BC, Canada

Rodriguez Llorian, E. & Mann, J. (2018, June). *The Technology-Healthcare Expenditure Nexus for Developed Countries: An Investigation for OECD Member Countries and Canadian Provinces* [Presentation]. Canadian Economics Association Conference, Montreal, QB, Canada

Rodriguez Llorian, E. & Mann, J. (2017, June). *Relation between Health Care Expenditure and Income in Latin-American Countries: A Panel Time Series Approach* [Presentation]. Canadian Stata Users Group Meeting, Ottawa, ON, Canada

Rodriguez Llorian, E. & Mann, J. (2017, June). *Relation between Health Care Expenditure and Income: Evidence from Latin-American and Caribbean Countries* [Presentation]. Canadian Economics Association Conference, Antigonish, NS, Canada

Doimeadios Reyes, Y., & **Rodriguez Llorian, E.** (2016, June). *Efficiency and Effectiveness: Analysis of the Public Sector in Cuba* [Presentation]. Canadian Economics Association Conference, Ottawa, Canada

Rodriguez Llorian, E. (2015, May). *A fiscal sustainability analysis for the Cuban economy* [Presentation]. National Forum for Students of Social Sciences, Pinar del Rio, Cuba

Rodriguez Llorian, E. & Doimeadios Reyes, Y. (2014, June). *A Comparative Analysis of Efficiency and Performance of the Public Sector in Cuba* [Presentation]. Scientific Annual Student Seminar of the School of Economics, Havana University, Cuba.

Rodriguez Llorian, E. (2013, November). A fiscal sustainability analysis for the Cuban economy [Presentation]. University of Havana Student Scientific Forum, Havana, Cuba.

TEACHING EXPERIENCE (courses outlines in www.elisabetrodriguezllorian.com)

Guest Lecturer, Department of Medical Genetics, University of British Columbia

Evidence based Genomic Counselling (MEDG 590)

Winter 2021

Guest Lecture: *The Economics of Genomic Medicine*

Instructor, Economics Department, University of Manitoba

Introduction to Microeconomic Principles (ECON 1010)

Winter 2019 & 2020

Economic Analytics using Computer-Based Methods (ECON 2050)

Fall 2018 & 2019

Guest Lecturer, Economics Department, University of Manitoba

Seminar in Applied Econometrics (ECON 4040)

Winter 2017 - 2019

Guest Lecture: *Introduction to Panel Data: theory and Stata applications*

Teaching Assistant, Economics Department, University of Manitoba

Winter 2016 - 2018

Macroeconomic Analysis 1 (ECON 2020); Seminar in Applied Econometrics (ECON 4040); An Introduction to Development Economics (ECON 3392); Quantitative Methods in Economics (ECON 2040); Macroeconomic Theory 2 (ECON 3020); Microeconomic Theory 2 (ECON 3010); Mathematical Economics (ECON 3030); Managerial Economics (ECON 3160); Measurement and Computation in Economics (ECON 2610); Introduction to Microeconomic Principles (ECON 1010) Economic Research and Communication (ECON 4822); Introduction to Macroeconomic Principles (ECON 1020); An Introduction to the World's Economies (ECON 2630)

Junior Assistant Professor and Researcher, School of Economics, University of Havana

Intermediate Macroeconomics

Winter 2015

System of National Accounts

Fall 2014

STUDENT SUPERVISION

MA (Genetic Counseling Directed Studies) Research Paper Co-supervisor, UBC 2021

MA (Economics Program) Research Paper Co-supervisor, University of Manitoba 2019

Undergraduate (Economics Program) Research Poster Co-supervisor, University of Manitoba 2018

Undergraduate (Economics Program) 4th year Research Paper Supervisor, University of Havana 2014

SERVICE

Manuscript Reviews

Multiple Sclerosis and Related Disorders Journal (1 paper)

Letters in Spatial and Resource Sciences (1 paper)

Canadian Economics Association Annual Conference 2018 (Discussant, 1 paper)

Canadian Economics Association Annual Conference 2017 (Discussant, 1 paper)

Leadership

University of British Columbia

Equity, Diversity and Inclusion Advisory Committee (EDIAC) Member 03/2022- ongoing

Career and Professional Development Working Group Member 10/2020-ongoing

Judge Poster Competition, Summer Student Research Program 10/2020, 10/2021

University of Manitoba

Student Representative, Economics and Global Political Economy Hiring Committee 09/2019-02/2020

Organizer, Discovery Day 2019 (outreach event), Manitoba Center for Health Policy 10/2019

Student Representative, Economics Headship Selection Committee 09/2018 – 11/2018

University of Havana

Organizing Committee, Economics, Accounting & Administration International Conference 10/2014

Organizing Committee, Development Opportunities & Challenges in Latin America Conference 04/2014

Head of the Students' Union Academic Committee 09/2012 - 06/2014

PROFESSIONAL DEVELOPMENT

Certificate, Incorporating reconciliation, equity, diversity, and inclusion into your project, Mitacs professional development curriculum 02/2021

Certificate, Designing Multiple Choice Questions, The Centre for the Advancement of Teaching and Learning, University of Manitoba 11/2018

Certificate, Teaching Online Effectively, The Centre for the Advancement of Teaching and Learning, University of Manitoba 08/2018

Certificate, Tri-Council Policy Statement, Ethical Conduct for Research Involving Humans Course on Research Ethics (TCPS 2: CORE) 10/2017

Accreditation, Manitoba Centre for Health Policy 05/2017

University of Manitoba Teaching Assistant Training Seminar 09/2016

LANGUAGES & IT KNOWLEDGE

- Spanish - Native proficiency; English - Full professional proficiency
- Statistical softwares: Stata, SAS, Eviews, R, and Rats

- Proficient in all major Microsoft Office applications, including advanced formulae in Excel

PROFESSIONAL AFFILIATIONS

- Fellow, Canadian Centre for Health Economics
- Member, Canadian Economics Association